CELEBRATING OVER A CENTURY OF 100 years EXCELLENCE EST. 1882

CATALOG **CRL93G**

BIG RED

93G

GLASS AND GLAZING

Glass and Glazing | Tools, Machinery, and Equipment

Sealants, Adhesives, and Fasteners | Door and Window Replacement Hardware

Auto Glass Tools and Hardware | Truck, Van, RV, and Automotive Windows

The Gateway to crlaurence.com

The Original Web Catalog Designed to Work Directly With Our Website

CRL®
US ALUMINUM
crlaurence.com

Serving the Glass Industry for Over 130 Years

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Donald E. Friese
Chairman and C.E.O.



Lloyd W. Talbert
President and C.O.O.

This Book is Dedicated to You, the Customer

Over a century ago, C.R. Laurence established itself as a fixture in the glass and glazing industry by setting standards in innovation, performance, selection, and most importantly, service. The critical factor in achieving success in any company, regardless of industry, is derived from its ability to consistently provide exceptional service and being responsive to customer's needs. This principle is integral in the manner by which CRL conducts business. Our goal is to listen, and challenge ourselves to better serve our customers. We are a customer company, and that's not a slogan. It's a policy.

We would like to say Thank You to all of our customers. Your help and encouragement has made it possible for C.R. Laurence Company to grow into the industry leader, and we plan to continue growing. Because of you we set our standards for innovation, service, reliability, and selection of quality products at the highest level. We consider it our responsibility to bring new technology to our industry so that we can all prosper. Our success is built on your success. We're constantly developing and improving products, tools, and resources to increase your competitiveness, as your continued partnership is instrumental in our own growth and viability. The investments we continue to make in our products and people speak to that acknowledgement and commitment.

We're proudly celebrating the 25th anniversary of our original CRL93 "Big Red" Catalog, the inaugural sourcebook that has been a fixture in virtually every glass shop in the U.S. since 1990. At the time, we considered it an important publication that made a contribution to the knowledge and training of the industries we serve, and we still stand by that claim. Our original Master Catalog became the standard tool, field guide, and supply reference in our industry, and remains our most popular catalog ever.

To mark this anniversary, we've revamped and expanded the CRL93 into a new two-volume set in a format that is familiar to long time users. The new CRL93 Master Catalog includes new features and functionality to work directly with our web site, serving as the gateway to **crlaurence.com**. This first volume is **CRL93G Glass and Glazing**. The second volume is **CRL93A Architectural Hardware**. The two-catalog set represents a cross-section of our ever-evolving product portfolio, and the roadmap to accessing the expansive world of **crlaurence.com** and its 60,000+ products.

C.R. Laurence is dedicated to improving the customer experience both in print and online. In addition to producing the revitalized Big Red, we're making a major commitment to the improvement of our web site and search functionality. **Crlaurence.com** remains the most comprehensive and convenient information source we can offer our customers. When used in conjunction with the web site, the CRL93 Big Red Master Catalog is a powerful tool designed to deliver what you want, when you want it. This catalog is an important milestone for us, and we are proud to share it with you.

Again, we thank you for your continued support. Without your ideas for better service, new products, and generally high expectations, we would not have enjoyed our growth and success.

Let's continue our success together.

LEADING THE INDUSTRY
FOR OVER 130 YEARS





Build on Our Experience

Much has changed in the glass and glazing industry over the past 130 years. Code requirements, tools, techniques, technologies, and most importantly, customer needs, have all evolved. The one constant that helped build the industry and continues to grow with it is C.R. Laurence Company. Since 1882 CRL has served the glass industry as not only a supplier and manufacturer, but as a trusted partner and member of the community. For over 13 decades we've dedicated ourselves to providing the systems, services, and supplies to help glaziers grow their businesses.

Any company can claim to have the highest quality, the biggest selection, or the best service, but few can back those claims with a proven track record as an industry leader spanning over 130 years. The one quality that has served us best is one that can't be bought or fabricated; our reputation. We can attribute our success and longevity to our continuous commitment to the glass and glazing industry. For well over a century, we've cultivated a reputation for innovative products, unparalleled service, and complete project support worldwide. That wealth of experience, coupled with the largest selection of glazing and architectural products, enables you to design, create, and build with complete confidence.

Here's to the NEXT 130 years.

THE RETURN OF "BIG RED"

THE DEFINITIVE SOURCEBOOK SET



The Most Comprehensive Sources of Products and Services for Glazing, Screen, Architectural, Railing, Construction, Industrial, and Automotive Businesses. Period.

Back by Popular Demand, Completely Expanded and Upgraded

Our most popular catalog ever has been revamped top to bottom and includes the latest top quality items that most any business can use for their day-to-day needs. The Big Red features the most in-demand products spanning our popular multi-volume Master Catalog Series, presented in two easy-to-use catalogs and organized for quick selection and ordering. Today, CRL proudly offers the industry over 60,000 products spanning everything connected to the glazing industry. We searched for a way to make our entire catalog of products easily accessible and manageable; hence, the all-new CRL93 Series.

Now in Two Convenient Volumes The all-new CRL93 is divided into two essential volumes: the **93G** showcases the glass and glazing industry's essential tools, supplies, and equipment; the **93A** features a broad selection of the most popular, high-quality architectural hardware systems. Together, they serve as a complete cross-section of all CRL products and services, and provide the gateway to the all-encompassing resource that is **crlaurence.com**.

CRL93G

- 03 SEALANTS, ADHESIVES, AND FASTENERS
- 43 AUTO GLASS TOOLS AND WINDOWS
- 53R GLASS AND GLAZING HARDWARE
- 73R TOOLS, MACHINERY, AND EQUIPMENT
- 83R DOOR AND WINDOW HARDWARE
- TH10 TRANSACTION AND SECURITY HARDWARE
- HS12 HOSPITALITY AND FOOD SERVICE

CRL93A

- 23R FRAMELESS SHOWER DOOR AND MIRROR HARDWARE
- 63A ARCHITECTURAL HARDWARE
- 63R ARCHITECTURAL RAILING
- USAL14 THE STOREFRONT STORE
- USAL15 CURTAIN WALLS

Part Sourcebook, Part Guidebook, All CRL

The all-new CRL93 Series is absolutely your ultimate sourcebook for everything CRL, and perhaps more importantly, it is your complete guidebook to the wealth of information on **crlaurence.com**, where you can find the additional information, options, sizes, configurations, instructions, specifications, literature, finishes, photos, related products, and support your projects require.

The original 93 "Big Red" has served the industry for the last 25 years, and with the latest developments, features, and expansion, and when used in conjunction with **crlaurence.com**, will continue to serve the industry as a comprehensive resource for generations of glaziers, contractors, and architects to come.

THE GATEWAY TO crlaurence.com

You are holding the CRL93G "Big Red" Catalog. Much like its predecessor and the iterations of Master Catalogs before it; it is an industry first. It has been designed to work hand-in-hand with **crlaurence.com**. Our web site is the essential counterpart to this book, and the following pages will show you exactly how to use the two together.



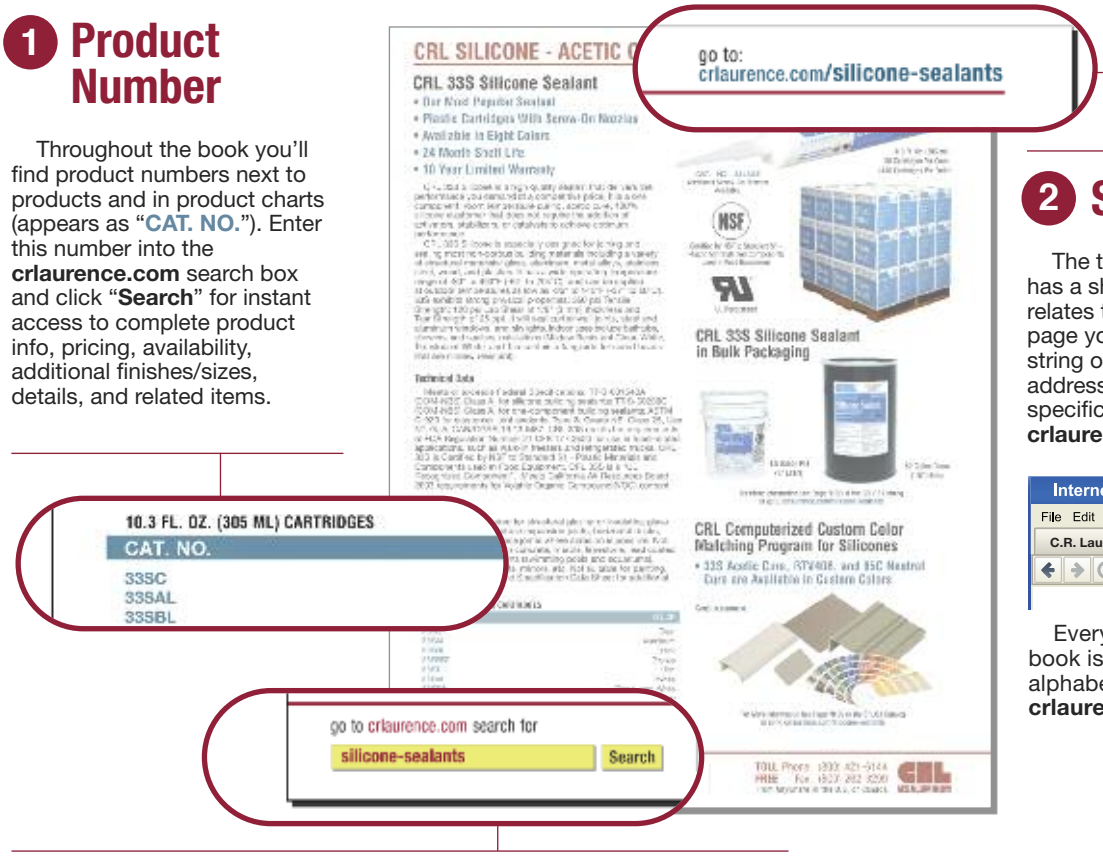
Find Exactly What You Want, Faster Than Ever. crlaurence.com Has the Information You Need:

- Complete Online Catalog Library
- Product Information and Pricing
- Additional Sizes, Finishes, Models, and Configurations
- Spec Sheets, Safety, and Technical Documents
- Shipping and Freight Limitations
- Installation Instructions
- Drawings, Details, and Specifications
- Related Products and Hardware

Three Easy Ways to Find Products Online

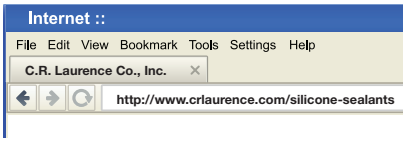
1 Product Number

Throughout the book you'll find product numbers next to products and in product charts (appears as "CAT. NO."). Enter this number into the **crlaurence.com** search box and click "**Search**" for instant access to complete product info, pricing, availability, additional finishes/sizes, details, and related items.



2 Shortcuts

The top right of each catalog page has a shortcut URL (web address) that relates to the products on the catalog page you're looking at. Simply type the string of text into your web browser's address bar and you'll jump to that specific expanded product offering on **crlaurence.com**.



Every shortcut URL featured in this book is available in an easy-to-navigate alphabetical online directory. Visit **crlaurence.com/shortcuts**.

3 Keyword Search

The bottom left of each page lists unique search keywords to provide quick navigation once you're already at **crlaurence.com**. Type the keyword(s) into the **crlaurence.com** search box and click "**Search**" to be presented with a complete selection of products related to the catalog page you're on.



Tip: Be sure to enter the text exactly as it appears on the page (including any hyphens).

YOUR ONLINE TOOL KIT



Online User's Guide

Our Online User's Guide is the ultimate **crlaurence.com** reference guide. It provides clear step-by-step instructions, showing you how to do just about everything on **crlaurence.com**. This guide provides the 'How To' answers to all of the important features, making it more convenient to shop at **crlaurence.com**:

- **Register/ Sign In**
- **Account Settings**
- **Check Stock and Prices**
- **Placing, Reviewing, and Revising Orders**
- **How to Contact Us and Request Information**
- **Search and Navigation**

View online or request your copy at: **crlaurence.com/users-guide**



Product Numbers: The "Key" to crlaurence.com

The absolute fastest and most accurate method of finding and reordering products on **crlaurence.com** is by entering the Product Number (appears as "**CAT. NO.**") into the search box. We have gone to great lengths in developing a numerical indexing system for all of our 60,000+ products. Every box, carton, tube, package, tub, and bag of CRL product is labeled with an easy-to-find product number. Product Numbers remain the surest way to find exactly what you're looking for. Every time.

Enter the Product Number on crlaurence.com, and Get Instant Access to:

- **Stock Availability**
- **Product Prices**
- **View Other Finishes and Sizes**
- **Installation Instructions**
- **Spec Sheets, Drawings, and Technical Documents**
- **Shipping and Freight Limitations**



Can't Find What You're Looking For?

Click the the "**Contact Us**" button at the top of **crlaurence.com**. We have a dedicated online customer service department ready to assist. Repsonse time is short during regular business hours, and we will work to help you find what you're looking for. Visit **crlaurence.com/support**

Bookmarks

The easiest way to keep **crlaurence.com** quickly accessible; bookmarks are saved links to web sites that make it easy to return to and keep track of your favorite pages online. Follow these quick steps:

1. Open your internet browser, and go to **crlaurence.com**
2. On your browser (will vary based on operating system and preferences):
   - **Internet Explorer, Firefox, and Chrome:** Click the **"star"** button next to the address bar and **"add bookmark / favorite"**
   - **Safari:** Click the **"+"** button next to the address bar and select **"Add this page to Bookmarks bar"**
   - **Alternate Keyboard Shortcut:** On any browser, simply press **Ctrl+D** (Mac: ⌘**-D**)
3. Quickly access **crlaurence.com** anytime you're online by clicking on the CRL logo in your bookmarks.



CRL Business Policies

We maintain our industry leadership position by being absolutely transparent in our business policies. All of our terms and conditions are available anytime at **crlaurence.com/policies**. Here you will find complete information regarding: catalog policy, credit terms, international terms, customer service, custom orders, ordering information, privacy policy, shipping information, and warranty information.

WELCOME TO THE NEW crlaurence.com

Connecting the World to Everything Glass

Work with glass? Work with CRL. Find the systems, services, and supplies that comprise the glazing industry's diverse segments; from automotive to industrial, and virtually any application in the built environment. **Crlaurence.com** gives you complete and instant access to the tools and systems your project requires. Over 60,000 quality products and helpful information are just clicks away, at any time, and at your convenience. Our "self-service" web site is the most comprehensive and current information source we can offer, and remains the best way to shop at CRL. You can check prices, review stock levels, and get the most complete and up-to-date details on the products and services we offer. What you will find at **crlaurence.com** is a link to who we are, what we do, and what we have to offer the industry.

Save Time Searching With New CRL Search Suggest

We realize that the largest selection of products is only an asset if you can find exactly what you need. Enter CRL Search Suggest. As you start typing in the **crlaurence.com** search box, you can find products quickly by seeing search predictions that are similar to the search terms you're typing. Start entering a keyword or part number, and CRL Search Suggest will show you a list of popular search terms and shortcut URLS.

For example, as you start to type [rail], you will be presented with other common rail-related searches. When you click on one of the suggested searches you'll jump immediately to that product offer page.





New Products

C.R. Laurence is at the forefront of innovation, offering the newest products and technologies available. Each month we add new and improved products to our growing inventories across every brand. **Crlaurence.com** remains your best resource for the latest and up-to-date products, news, and information. See what's new at **crlaurence.com/new-products**.

CRL Mobile: Everything CRL In the Palm of Your Hand



- Search our vast product database
- Get your pricing
- Check stock availability
- Order with express checkout
- Find CRL service center locations
- Contact us

Visit **crlaurence.com** from your smart phone or scan the QR code for the total CRL experience on the move. This QR Code is readable by QR scanners and smartphones equipped with a QR Reader Application. Free QR smartphone apps are available in all app stores/markets.

CRL US ALUMINUM

Google play

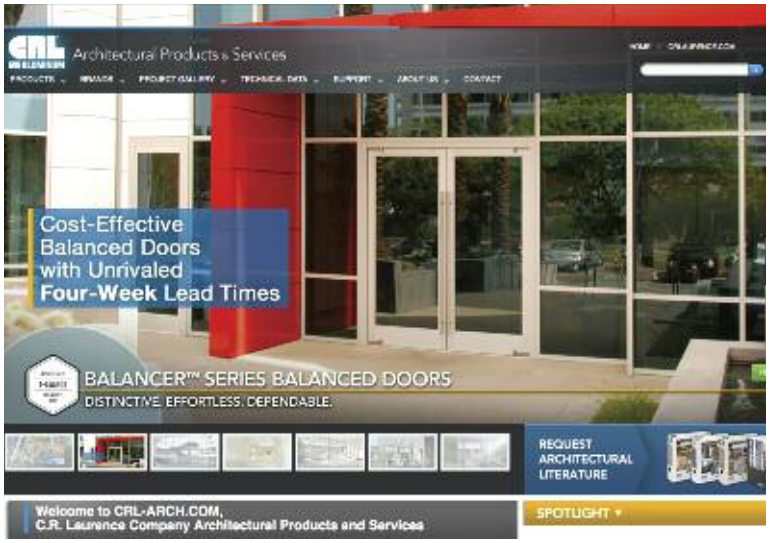
QR Code

Save Time While On the Job, or On the Go

The easiest way to keep the CRL Mobile Site accessible is to add the CRL icon to your home screen.

While on the Mobile Site, tap (iOS) or (Android), then tap **"Add to Home Screen"**

ADDITIONAL FEATURES AND TOOLS



CRL-ARCH.COM



Introducing **CRL-ARCH.com**, your portal to C.R. Laurence Company Architectural Products and Services. **CRL-ARCH.com** is the online reference for CRL Architectural Systems including U.S. Aluminum, Blumcraft, Jackson, Tajima, and Guarda. **CRL-ARCH.com** is a valuable reference tool designed with the architect, engineer, and specifier in mind. Here you will find easy access to CAD Drawings, CSI Format Specifications, Engineering Reports, LEED® Statements, Project Galleries, and our extensive library of catalogs.

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Build on our experience. CRL is committed to the education and advancement of the industry trades we serve, and helping you develop, grow, and improve your business. Join us online for free live training by industry veterans, or access previous sessions to share with your colleagues. We regularly schedule training courses for online estimating software, glazing tools and techniques, and AIA approved Continuing Education Courses. Visit **crlaurence.com/webinars**.

CRL e-News

CRL US ALUMINUM e-News

CRL has a new digital newsletter we'd like you to join. Each broadcast is tailored to a specific CRL brand and segment of the glass industry, and with your interests in mind. Stay informed on new products, promotions and discounts, and industry events that pertain to your business. Sign up today, and opt out at any time. Visit **crlaurence.com/enews**.

LEED is a registered trademark of U.S. Green Building Council.

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ONLINE CATALOG LIBRARY



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We've spent years developing an expansive library of Master and Specialty Catalogs for our customers. Each book is tailored to specific industries, providing a comprehensive and informative resource to find the products you need with color photos, detailed illustrations, and easy to understand ordering information.

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Our Online Catalog Library brings you every volume of our printed catalogs; tens of thousands of pages of quality products presented in an organized manner and now conveniently available on any computer or mobile device. Visit **crlaurence.com/library**

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- **Easily Share Pages and Content with Colleagues, Customers, and Social Networks**
- **Download to Your Desktop or Mobile iOS, Android, and Windows Tablets**
- **Make Notes, Highlight and Bookmark Your Favorite Sections for Easy Access**
- **Product Catalog Numbers are Linked Directly to crlaurence.com for Easy Ordering**
- **Print or Download Page Ranges or Entire Catalogs**

Easy to Use, and Did We Mention it's Free?

Anyone in the world can view or download all CRL Catalogs free of charge at any time at **crlaurence.com/library**. Printed editions are free of charge to qualified customers, or can be purchased and rebated with your first order (minimum order required).

NOTE: If downloading to your mobile device, it is recommended that you do so while connected to a Wi-Fi network to improve download speed and avoid incurring extra data fees.

Master Catalogs



03 Sealants, Adhesives, and Fasteners

23R Frameless Shower Door Hardware

43 Automotive Supplies and Windows

53R Glass and Glazing

63A Architectural Hardware

63R Architectural Railing

73R Tools, Machinery, and Equipment

83R Door and Window Hardware

USAL14 U.S. Aluminum Storefronts and Entrances

USAL15 U.S. Aluminum Curtain Walls

ONLINE CATALOG LIBRARY

Specialty Catalogs



SD12
Shower Door Hardware



FS14
Sliding Shower Door System



ST14
Shower Installation Tools



CRL14D
Doors and Entrances



AH11
All Glass Entrances



B2010
Blumcraft Doors, Panics



BAL15
Balanced Doors



DC14
Door Controls



HW2010
Blumcraft Tubular Hardware



OP15
Office Partitions



GW0S16
Glass Wall Office Systems



SCR14
Screen and Security Doors



GSB16
Guarda Screens



HR11
Architectural Railings



HRGWS1
Glass Wall and Pool Fencing



M2010
Blumcraft Railings, Baffles



AM09
Architectural Metals



SC14
Sun Control Systems



TH10
Transaction and Security



HS12
Hospitality and Food Service



D2010
Blumcraft Displays



SC12
Standoffs and Clamps



AVA15
Aviation Portfolio



LV14
Las Vegas Portfolio



GB10
Glass Bonding System



GM15
Insulating Glass Manual



GMB15
Glass Machinery



TV12A
Truck and Van Accents

Sweets Brochures



Frameless Shower Door



Glass Entrances and Storefronts



Glass Entrances and Storefronts



Sliding and Stacking Door Systems



Door Control Hardware and Accessories



Architectural Railing System



Architectural Metals



Exterior Sun Control Devices



Column Covers



Panel Systems



Structural Glass Curtain Wall Hardware



Pass-Thru and Service Windows



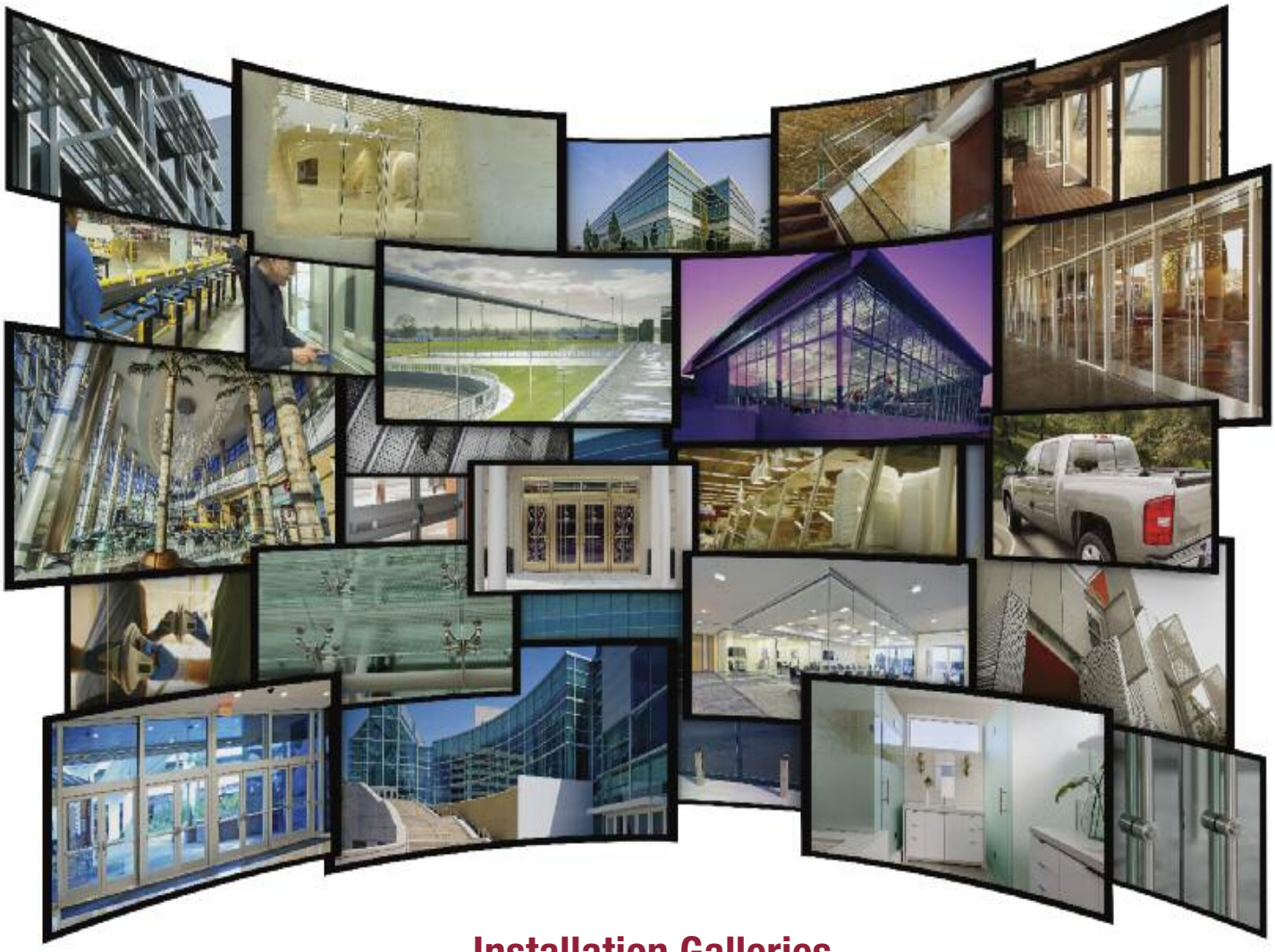
Bullet Resistant Transaction Hardware



Partition Posts and Sneeze Guards

GET INSPIRED

SEE OUR PRODUCTS IN ACTION ONLINE AND IN-PERSON



Installation Galleries

CRL products can be found in thousands of buildings across the globe. See how other glazing professionals have found their project solution by incorporating our trusted products and supplies into their installation. Want to show off your project? Send us your photos featuring CRL systems to showcase your project and promote your company. Visit **crlaurence.com/gallery**

Video Library

The **crlaurence.com** video library is a great learning center for CRL products. Here you'll be able to take a deeper look at our newest and most-popular products. These segments provide important product information, "How To" installation guides, and let you see working demonstrations of the installed systems. Check back often as we are adding new segments constantly. Visit **crlaurence.com/videos**

Trade Shows

CRL attends many trade shows and industry conferences spanning all of our industries across the globe. Visit our Trade Show Calendar to see the upcoming events in your area where you can see and feel the quality of our products first hand. Check back frequently as new shows are added regularly. Visit **crlaurence.com/tradeshows**

ONLINE ESTIMATING SOFTWARE
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Join the growing number of designers and installers that are using CRL Online Design, Estimating, and Ordering Programs to save time and money!

- **Can Now be Used on the Job Site Using Your Mobile Device**
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- **Program Runs on CRL Web Servers**
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- **Determines All Material Quantities Needed for Each Project**
- **Generates Quotes / Orders in Minutes**
- **Produces All of the Glass Sizes Needed for Your Job**



Showers online by CRL

Showers Online

- Frameless Shower Doors
- Sliding Systems



Hand Rails Online

- Frameless Glass Railing Systems
- Aluminum Railing Systems
- Windscreens



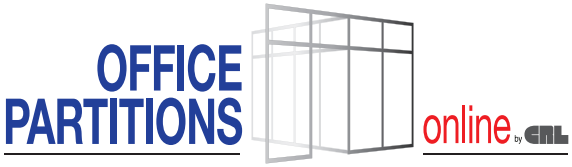
'All Glass' Storefronts Online

- For Use in Most Any 'All Glass' Storefront Application
- Full Length Door Rails or Patch Fittings
- Doors, Sidelites, Transoms, and Fin Supports



U.S. Aluminum Storefronts Online

- Aluminum Entrances, Storefronts, and Curtain Walls
- New Multiple Elevation Feature Optimizes Yield Across Entire Project



Office Partitions Online

- Frameless Systems
- Framed Systems
- Movable Walls

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CUSTOMER SERVICES



Four Ways to Order

CRL Gives You Ordering Options to Suit Your Preferences

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- Over the Phone
- By Fax
- In Person

Online Ordering: Buy Direct From Our Online Catalog

Simply Better Shopping

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At **crlaurence.com** there are thousands of pages of the latest and proven quality products along with helpful information just clicks away, any time and at your convenience. Shop now, shop anytime; you set the schedule and pace because you can sign on 24 hours a day, seven days a week. We value our customers, and as a "thank you" for your business we offer **FREE** bonus gifts when your internet order meets specified amounts. Discover the difference and sign up for your account today at **crlaurence.com/new-customer**

Order it Quicker

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Call Us Toll Free: (800) 421-6144

There's a Knowledgeable Friendly Voice Ready to Help With Your Product Enquiries

Our products speak for themselves, but sometimes there's just no substitute for the effectiveness and courtesy of speaking directly to another person. When you call our Customer Service Order Desk you'll find CRL staff who are polite, personable, and trained to provide assistance with CRL products and services. Order Desk hours are 6 am to 5 pm (Pacific Time) Monday through Friday, and 7 am to 12 pm Saturdays.

Toll Free Fax: (800) 262-3299

Convenient, Familiar, and With Assured Delivery

Despite being well into the digital age with plenty of internet-based alternatives, sending and receiving documents via fax is still recognized as an essential business communication tool worldwide. To this day our customers send us over 1,000 orders or quote requests every business day. Unlike e-mail, fax correspondences acknowledge that a document has been delivered, giving you the confidence that your order has been received.

Your Local Service Center Will Call Trade Counter

When You Need It Today, Our Will Call Trade Counter is Your Fastest Option

Every CRL Service Center has a Will Call Trade Counter where you can place and pick up your orders in person. Want to start your project sooner? Leverage our **Express Pickup Desk** by placing your order in advance via phone, fax, or online, and we'll have your order ready and waiting for you. Will Call hours are 8 am to 5 pm Monday through Friday, and 8 am to 12 pm Saturdays. Find your Service Center Will Call at **crlaurence.com/locations**

Who May Buy

C.R. Laurence is a manufacturer and wholesale distributor. Possession of this catalog, or any other CRL sales literature does not constitute an offer to sell. Orders from individuals (except professional tradesmen) may not be accepted.

CUSTOMER SERVICES

CRL Works With You

We offer more than just the products shown in our catalogs and online. CRL is your source for goods and services from hundreds of manufacturers worldwide. The experience gained by decades of service affords us the ability to serve you in more ways than you might realize. Such services include:



Special Pricing Programs

Among the many distinct benefits of being a regular CRL customer is the opportunity to participate in a variety of Special Pricing Programs. We have designed these programs for businesses of all sizes, offering additional service privileges to those customers whose CRL purchases meet program requirements. Our National Accounts, Master Accounts, and Warehouse Distributor Programs offer greater buying power and substantial savings opportunities to companies large and small. The more you shop, the more you save.



Are You a New Glass Shop?

First and foremost, congratulations on starting your new business! We are committed to providing the tools, supplies, and support to help your business grow. We offer special pricing programs to get your new company fully equipped and operational, and on the path to success. Additionally, CRL's Leasing Program provides an affordable solution to help add machinery or production line equipment to your business. We look forward to working together to foster a prosperous relationship in the glass industry.



CRL Technical Assistance

CRL Technical Sales Teams can help you choose the perfect system for any project. Your job can be made easier with the help of CRL Product Specialists who are trained in the newest hardware systems, and can offer design assistance, component selection and compatibility, product specification data, installation support, and detailed quotes to present to your client. We provide project support every step of the way.

See page XIV and XV for Technical Sales groups and contact information.



Business Tools

Private Labeling: Private labeling is available on many CRL products, and we can design distinctive packaging to make your products more attractive to retail customers. Our Advertising Division will work with you to design that special "look" that will help build and reinforce your company's brand.

Marketing Brochures: We offer a complete selection of brochures to help you sell. These smaller brochures are easy to distribute, and feature photos of beautiful installations to show to your clients.

Decorative Posters: Our product posters will make a quick and dramatic change to your showroom. They feature studio quality images of finished products. Display them in your showroom to inspire creativity in your customers and designers for future projects.

C.R. LAURENCE BRANDS

SINGLE-SOURCE SOLUTIONS FOR EVERYTHING GLASS



Glass and Glazing

Technical Sales Support: **Ext. 5275**

Visit **crlaurence.com/glass-glazing**
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- Showcase, Display, and Shelving Hardware
- Extrusions and Moldings
- Silicones, Polyurethanes, Butyls, Acrylics, and Sealants
- Shims, Setting Blocks, and Backer Rod
- Adhesives, Tapes, and Fasteners
- Cleaning and Maintenance Products
- Insulating Glass



53R



03



Tools and Machinery

Technical Sales Support: **Ext. 5275**

Visit **crlaurence.com/machinery**
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- Glazier's Tools
- Glass Handling Tools
- General Hand and Shop Tools
- Safety Gear
- Glass Storage Equipment
- Glass Working Machinery
- Lifting Equipment



73R



GMB15



Shower Door Hardware

Technical Sales Support: **Ext. 7740**

Visit **crlaurence.com/shower-door**
Direct e-mail: **showers@crlaurence.com**

- Hinges and Clamps
- Knobs and Pulls
- Towel and Grab Bars
- Headers and U-Channel
- Sliding Shower Enclosures
- Vanity and Wardrobe Mirrors
- Mirror Frames and Channels
- Mirror Accessories and Tools



23R



SD12



Door and Window Hardware

Technical Sales Support: **Ext. 7520**

Visit **crlaurence.com/door-window**
Direct e-mail: **glazing@crlaurence.com**

- Screen Wire, Supplies, and Tools
- Patio Door Hardware
- Storm Door and Window Supplies
- Protective Security Screens
- Residential Window Hardware
- Insulating Glass Supplies and Tools
- Replacement Hardware for U.S. Aluminum Systems



83R



SCR14



Automotive Accessories and Supplies

Technical Sales Support: **Ext. 7780**

Visit **crlaurence.com/automotive**
Direct e-mail: **automotive@crlaurence.com**

- Truck, Van, RV, and Automotive Windows
- Auto Glass Adhesives and Sealants
- Auto Glass Shop Tools and Equipment
- Cleaning Supplies and Lubricants
- Weatherstrips, Moldings, and Replacement Gaskets
- Glass Clips and Fasteners
- Safety Gear and First Aid Kits



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TV12A

C.R. LAURENCE BRANDS

SINGLE-SOURCE SOLUTIONS FOR EVERYTHING GLASS



Commercial Hardware

Technical Sales Support: **Ext. 7700**

Visit **crlaurence.com/commercial-hardware**
Direct e-mail: **architectural@crlaurence.com**

- 'All Glass' Entrance Systems
- Glass Door and Sidelite Rails, Headers and Channels
- Panic Exit Devices, Door Controls, and Door Hardware
- Stacking and Sliding Door Systems
- Structural Glass Fittings and Standoffs
- Patch Hardware
- Locking Ladder Pulls
- Balanced Doors



63A



CRL14D



Architectural Railings and Metals

Technical Sales Support: **Ext. 7730**

Visit **crlaurence.com/railing-systems**
Direct e-mail: **railings@crlaurence.com**

- Glass Railings Systems
- Aluminum Railing Systems
- Stainless Steel Post Railing Systems
- Glass Walls/Windscreens
- Spider Fittings
- Perforated Panels
- Sunshades and Awnings



63R



AM09



Transaction and Hospitality Hardware

Technical Sales Support: **Ext. 7760**

Visit **crlaurence.com/transaction-hardware**
Direct e-mail: **transaction@crlaurence.com**

- Bullet Resistant Exchange Windows and Barriers
- Drive-Thru and Walk-Up Windows
- Speak-Thru Devices
- Food Service Sneeze Guards
- Partition Posts
- NSF Certified Systems
- Custom Systems
- Deal Trays and Package Transfer Systems



TH10



HS12



Interior Office Systems

Technical Sales Support: **Ext. 7770**

Visit **crlaurence.com/partitions**
Direct e-mail: **partitions@crlaurence.com**

- Framed Aluminum Office Partitions
- Frameless Glass Wall Office Systems
- Movable Walls
- Wood Doors
- Fire Rated Systems
- Door Pulls, Handles, and Center Locks
- Sliding and Pivoting Door Configurations
- Area Divider Systems



OP15



GWOS16



Storefronts and Curtain Walls

Technical Sales Support: **Ext. 5305**

Visit **crlaurence.com/usalum**
Direct e-mail: **usalum@crlaurence.com**

- Flush Front Systems
- Unit Glaze Systems
- High Performance Thermally Broken Systems
- Window Walls
- Impact Resistant Systems
- Blast Resistant Systems
- Elephant Doors



USAL14



USAL15

C.R. LAURENCE CO. INC.
FAMILY OF BRANDS



CRL Sommer and Maca

The Spring of 2008 opened with the joining of two glass industry giants when Sommer & Maca joined the C.R. Laurence family of brands with a new name and overall identity, the CRL Machinery Division. This acquisition combined the depth and scale of Sommer & Maca's trusted machinery manufacturing history (founded in 1921), with the extensive worldwide sales and distribution network established by C.R. Laurence Company.

To learn more about this CRL brand, visit **crlaurence.com/somaca**.



CRL Blumcraft

An icon in the architectural metal and glass industry, Blumcraft has been designing, manufacturing, and delivering high quality products to the architectural metal and glass industry for over a century. The company's tempered glass doors, panic hardware, hand rails, and display doors are well known to architects, contractors, and installers in their building trades.

We value the experience, reputation, and technical expertise of the Blumcraft staff, and are pleased they are part of the CRL team.

To learn more about this CRL brand, visit **crlaurence.com/blumcraft**.

C.R. LAURENCE CO. INC.
FAMILY OF BRANDS

Through strategic acquisitions we have invested in trusted brands to bring our own precision engineering and high quality standards to the industry at large. We have injected our signature core elements of providing unmatched technical support, short lead times, and installer-friendly products into key industry brands that we have essentially taken to the next level. C.R. Laurence is not a private equity company. We pride ourselves on making long term investments in sound technologies and products, but more importantly, in people that add value to our industry, company, and customers.



CRL Jackson

Jackson has been a leading manufacturer of door hardware for the aluminum and tempered glass door industry for over 50 years. Jackson's very popular Transom Closer was originally developed and patented over 35 years ago. The company's Panic Exit Hardware is universally recognized as the standard for the aluminum storefront market.

This joining provides CRL customers more choices than ever of traditionally high quality Jackson architectural hardware. The experience gained through this move is invaluable, and we welcome the Jackson staff into our Technical Sales and Manufacturing efforts.

To learn more about this CRL brand, visit **crlaurence.com/jackson**.



CRL Columbia Manufacturing and Guarda

Columbia Manufacturing Corp. is a well respected name with over 50 years of experience in the screen products industry. We are now operating Columbia through a new entity that is wholly owned by C.R. Laurence Co., Inc.

Columbia has been paired with our growing Guarda™ brand to provide a complete collection of security screen doors and windows. We've made investments and enhancements in the operation to increase capacity, improve the service level, and upgrade quality, design, and product assortment.

To learn more about this CRL brand, visit **columbiamfg.com** or **crlaurence.com/guarda**.

CRL-U.S. ALUMINUM

The Leading Manufacturer of Architectural Aluminum Systems

ENTRANCES • STOREFRONTS • CURTAIN WALLS • WINDOWS • WINDOW WALLS
HURRICANE RESISTANT SYSTEMS • BLAST MITIGATION SYSTEMS • SUN CONTROL SYSTEMS

United States Aluminum has been a fixture in the commercial glazing industry for over five decades, and has been the source for many of the most innovative and now well-known glazing systems specified by architects. Under the early leadership of Cornelius C. Vanderstar, the company was the first in the industry to manufacture Flush Front Glazing Systems, Patented Storefront Flashing Subsills, Curtain Wall Systems that eliminate standard pressure bars, and the first to offer a complete, thoroughly tested Blast Mitigation System. This experience in this field, coupled with the global network of C.R. Laurence distribution facilities and unparalleled customer service, makes this union one that should serve the needs of your business well.

A New Era: CRL-U.S. Aluminum

Now renamed simply U.S. Aluminum in its new partnership with C.R. Laurence, the company continues to make available the architectural systems that have made them a leader in the industry for so long. These systems' reputation for quality benefits not only those who specify and install them, but also the occupants of the buildings into which they have been installed. CRL is continuing to strengthen and invest in the already robust CRL-U.S. Aluminum brand by bolstering key operational growth initiatives.

Improved Service

We continue to grow U.S. Aluminum's North American footprint by systematically redeveloping and expanding key service centers into comprehensive CRL-U.S. Aluminum Super Centers. This has enabled us to bring the U.S. Aluminum product line to new regions and provide shorter lead times with localized fabrication and project support. We've also made significant personnel investments in our technical sales, quoting, and project management departments to vastly improve customer service.

Increased Capacity

U.S. Aluminum's Texas manufacturing headquarters has undergone a massive expansion, essentially doubling the square footage of the existing building to over 345,000 sq. ft. The new capacity facilitates overall production, distribution, and logistics, leading to a significant increase in stock inventories, shorter lead times, and improved customer and technical support.

New Product Innovations

In addition to offering the proven systems that our customers have come to trust, CRL and U.S. Aluminum engineers have teamed up to leverage their combined industry experience to forge a new path of innovation. CRL-U.S. Aluminum continues to launch innovative new systems, refine and improve standard features, and provide custom engineered product solutions.



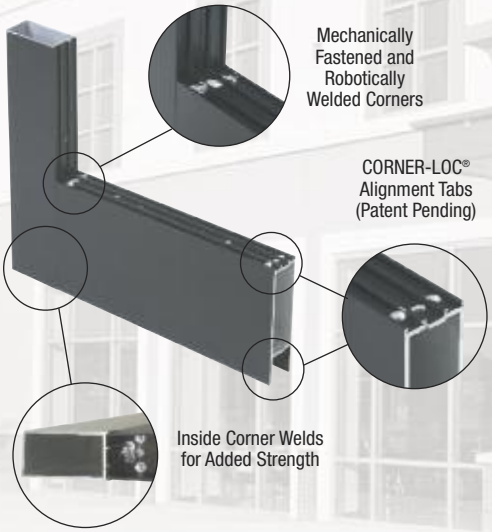
New CRL-U.S. Aluminum Manufacturing Headquarters in Waxahachie, Texas

CRL-U.S. ALUMINUM

The New Standard in Commercial Entrances

Designed to appeal and engineered to perform, CRL-U.S. Aluminum Entrance Doors set the standard for commercial entrances. Our systems are consistently built to the highest industry standards, ensuring years of reliable service.

What You Can Expect in Every CRL-U.S. Aluminum Entrance:





Better Performance

- **CORNER-LOC®:** Patent pending corner construction technology features precision alignment tabs, a robust mechanical fastening system, and robotically applied welds; yielding the most durable door assembly on the market.
- **Warranty:** Lifetime on corner construction.
- **Adjustable Astragal:** All pairs of doors come with spring-loaded fully adjustable dual weather-resisting astragals for optimum air resistance.

Faster Delivery

- Others claim shorter lead times, we opted to remove them altogether.
- Standard size Doors and Frames are in stock, ready to buy or ship.

Easier Installation

- **Adjustable Leveling Screw:** Top rail of every door has an adjustable leveling screw to compensate for minor variances in door openings after installation.
- **Preset Glass Setting Blocks:** Eliminates any confusion regarding proper placement of setting blocks.

Complete Project Solutions

- Complete your opening with stock inventories of matching Frames, Storefronts, Curtain Walls, and thermally broken options, creating cohesive, performance-driven building fronts.

The Only Seal of Approval that Matters



The CRL-U.S. Aluminum tag found on our commercial entrance doors is our seal of approval. It means that the door you are looking at has been designed, engineered, fabricated, and tested to meet the strictest quality standards in the industry; our own.



Project: Blue Ridge Community College Student Recreation Center. Weyers Cave, Virginia.
Systems: CRL-U.S. Aluminum Series HP3253 High Performance Triple Glaze Curtain Wall System and Series 850 Durafront Entrance Doors.

CRL MANUFACTURING
MAKING QUALITY PRODUCTS FOR OVER 50 YEARS



- Advanced R&D, Rapid Customization, and Prototyping
- In-house Testing Laboratories
- User of Progressive ISO9001:2008 Manufacturing Processes

C.R. Laurence Manufacturing Headquarters -
Los Angeles, CA

In an era of offshore manufacturing and increased foreign competition, C.R. Laurence commits itself to producing top quality, American-made products. As a vertically integrated company with process control over everything from engineering to extrusions, fabrication to finishing, we have the experience and capability to produce high quality products on time at a competitive price. Thousands of best-in-class products are made in the United States in our ISO 9001:2008 certified manufacturing facilities, where fine craftsmanship meets state of the art technology. Our innovative systems are the product of an ongoing commitment to supporting American jobs and providing the finest glazing, screen, architectural, railing, construction, industrial, and automotive products on the market.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL MANUFACTURING
ADVANCED ENGINEERING AND TECHNOLOGY





Rapid Customization Program for Short Lead Times
The goal of CRL's Rapid Customization Program is to achieve the shortest possible lead time on all CRL Manufactured Products, from sketch to quote to fabrication to delivery. This is done several ways, and an important factor is keeping the entire process "in-house". Allowing CRL Manufacturing to control such processes as drafting, modeling, raw material procurement, cutting optimization, high-speed fabrication, finishing, powder coating, batch painting, packaging, and shipping makes for efficient and speedy delivery of products to you.

CRL is ISO9001:2008 Certified
It all starts with ISO9001:2008 certification. We produce more than half of the items we supply in our ISO9001:2008 Certified manufacturing facilities. Our adherence to the strictest of standards reflects the commitment of our employees to provide the highest quality products.

State-of-the-Art Processes and Equipment
Industry requirements and customer needs are evolving. We recognize the need to remain current and have made substantial investments in our manufacturing capacity to keep pace. Our manufacturing facilities house the latest equipment and processes to deliver quality products with precision and efficiency every time. Our advanced capabilities include: precision waterjet and laser cutting systems, robotic arc welding automation, CNC routing, roll forming, and automated powder coat line.

Innovative Technologies
CRL's highly trained staff uses the latest programs including Auto CAD and ANSYS Workbench to provide the best designs to send to our manufacturing plant. CRL is capable of rendering advanced 3D modeling using Autodesk's Inventor® program, along with the expanded Revit® capabilities that are now in production. Additionally, our manufacturing headquarters now supports modern 3D printing capabilities to produce ABS or PLA models to design and precision-engineer product solutions for various project applications.

Drafting and Engineering Services
C.R. Laurence's Drafting Division can produce material takeoffs and complete shop drawings that are submittal-ready. They can also produce fabrication drawings for applications for custom products and modified applications of standard systems. From napkin sketches to fully realized concepts, C.R. Laurence can build it. CRL's dedicated Engineering Department works with you to review designs and job plans to address feasibility, safety concerns, and possible alternate solutions.

Award Winning, Certified Designs and Products
Just because we say our products are all top quality doesn't make it so. However, when those recognized as setting the standards for quality say we make the best, then that really means something. We've got the credentials to back that claim.

ARCHITECTURAL RECORD PRODUCT REPORTS 2011

glass magazine award winner

Inventor and Revit are registered trademarks of Autodesk, Inc.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

GLOBAL DISTRIBUTION NETWORK

LOCALIZED PRODUCT AVAILABILITY AND STREAMLINED DISTRIBUTION TO MEET YOUR SCHEDULE

43 Locations in Six Countries Across Three Continents

Over 3 Million Sq. Ft. Global Footprint Employing a Workforce 1,700 Strong, and Growing

With Service Centers in key global markets, C.R. Laurence's centralized distribution network provides customers worldwide the quality products and services they need. Over the past few decades, CRL has grown from a single Los Angeles location to include Service Centers in the United States Canada, Australia, the United Kingdom, Germany, and Denmark.



CRL's Canadian Headquarters in the Toronto, Ontario area



CRL's Global Headquarters in the Los Angeles, California area



U.S. Aluminum Headquarters in the Waxahachie, Texas area

Local Stock Inventories, Short Lead Times, and Prompt Deliveries

Meeting customers' needs and providing shorter lead times has been a priority since day one. Architects and installers never have to compromise their design vision due to product lead times or inventory availability. CRL has done this by investing in its employees and streamlining operations and production methods through an ever-expanding network of Service Centers.

This innovative and effective network has made it easier for customers to access CRL products wherever they are. CRL and CRL-U.S. Aluminum Service Centers are strategically located in or near major metropolitan areas to serve customers in person. This allows for local product manufacturing and specialized technical support to regional customers.

As C.R. Laurence Company's global presence and influence continues to grow, so will the number of strategically positioned Service Centers, ultimately giving CRL customers everything they need faster and easier.

To find your local Service Center's contact information, driving directions, and hours of operation, visit **crlaurence.com/locations.**

GLOBAL DISTRIBUTION NETWORK

LOCALIZED PRODUCT AVAILABILITY AND STREAMLINED DISTRIBUTION TO MEET YOUR SCHEDULE



CRL's European Headquarters
in the Manchester, England area

Building a Network

Each of our Service Centers is connected to Corporate Headquarters through our computer system, which monitors and updates inventory levels with the arrival of each new delivery truck and the shipment of each customer order. Service Centers receive fresh inventory through our global Transfer System so stock levels can remain high. This improves the percentage of your orders we can ship complete, and usually on the same day we receive them.



CRL Brings the Best to You

Operating on three continents allows us to bring brands to you that you may not otherwise have local access to. Our purchasing agents select quality products from vendors across the globe, and because we have a global distribution network these products can be made available through any of our Service Centers.



CRL's European Stone Division
in the Manchester, England area



CRL's Australian Headquarters
in the Sydney, New South Wales area



CRL's Australian Manufacturing and Service Center
in the Melbourne, Victoria area



To find your local Service Center's contact information, driving directions, and hours of operation, visit **crlaurence.com/locations.**

CRL MISSION STATEMENT

CRL FAST FACTS: CORE VALUES OF YOUR TRUSTED BUSINESS PARTNER

A Selection of Products, a History of Quality, and a Reputation for Customer Service That No Other Company Can Match

C.R. Laurence Co., Inc. (CRL) is the leading supplier to the glazing, screen, architectural, railing, construction, industrial, and automotive industries. Our mission is to continually develop and supply innovative products and solutions to the markets and industries we serve to enable our customers to provide competitive products and solutions to their customers.

Service

Exceptional customer service is the lifeblood of any business, and remains the essential component to our success and growth. We want your business dealings with CRL to be simple, clear, and convenient. The best way we can serve you is to have open communication, and capable people available to answer your questions, expedite your orders, suggest solutions to your project, or to assist you in any manner we can.

Leadership

In our history we have prospered as a company by leading the industry in product innovation, advanced manufacturing, and progressive business practices. As a longstanding member of the glass and glazing community it is our responsibility to actively participate as a thought leader; leveraging our years of experience and expertise in contributing to the advancement of our industry, colleagues, and peers.

Quality

Any product bearing the CRL mark carries with it a promise. Our name on a product means we stake our reputation on what you think of our product. When you purchase, specify, use, or install a CRL product, you can do so with complete confidence knowing that each product has been thoroughly tested to meet C.R. Laurence's stringent standards and will deliver both quality and value to your project.

Selection

We identify top-selling, high demand products to add to our CRL brands line. Our product managers and product development teams are constantly surveying the glass and glazing industries worldwide to discover new products, technologies, techniques, and applications. Whenever possible, we manufacture them ourselves to ensure maximum quality and value. In doing so we've amassed the largest selection of tools, supplies, and hardware in the industry, providing you with everything you need to finish your project.



C.R. Laurence Manufacturing Headquarters, Los Angeles, California



1

Glass and Glazing

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GG001 - GG216

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Bullet Resistant Hardware
Cabinet Hardware
Counter Posts
Cover Plates
Display Cases
Extrusions
Finger Pulls
Framing Supplies
Glass Clamps
Glass Door Locks
Glass Drills
Glazing Points
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Mirror Mastics
Mirror Mounting Tape
Partition Posts
Rosettes
Security Mirrors
Service Windows
Shelf Brackets and Standards
Showcases
Sliding Track Assemblies
Sneeze Guards
Speak-Thrus
Standoffs
Swivel Fittings
Theft Proof Mirror Frames
Transaction Windows
U-Channel

CRL US ALUMINUM
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These products and more can be found in this catalog section. On the bottom of each page are direct search instructions for viewing them on our web site. You can also enter the catalog number into the search box for a direct link to the product and others in that category. To view other products, click on the link to our Catalog Library found on the web site home page.

Products in this section can also be found in our CRL53R Glass and Glazing Master Catalog, available for viewing, download or order from the Catalog Library at **crlaurence.com/catalogs**.



C.R. Laurence is ISO 9001:2008 Certified

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Swivel Glass Drilling Machine....GG044
Swivel Hangers....GG019
Swivel Hinge Glass Fittings....GG199

T
Tempered Glass Display Systems....GG095
Tempered Glass for Displays....GG097
Tempered Glass for Shelves....GG109
Theft-Proof Mirrors....GG027
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Thru-Glass Communicators....GG164-GG166
Ticket Windows....GG171-GG172
Track Assemblies....GG120-GG127
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Triple Mirror Hinge....GG030

U
U-Channel....GG162
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V
Vanity Mirrors....GG031
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W
Wire Brads....GG020
Wireless Headset....GG165

Z
Z-Series Glass Clamps....GG071-GG077

CRL Palmer Mirro-Mastic®

MORE INFORMATION crlaurence.com

- The Industry Standard for High Quality Mastic
- Cures to a Strong, Permanent Bond
- LEED® Compliant

Palmer Mirro-Mastic® is an adhesive mastic formulated for adhering plate glass mirror and acrylic mirror to various substrates, such as drywall, wood, glass, metal, or tile. Mirro-Mastic® is ideal for large mirrored walls, columns and vanities. Mirro-Mastic® may be used with CRL Category Two Safety Tape Film (page GG004) that has been washed with a 70% solution of isopropyl alcohol (IPA). All applications must have permanent bottom support and mechanical fasteners. Palmer Mirro-Mastic® also qualifies for LEED® (Leadership in Energy and Environmental Design) Green Building Rating System™ credit.

NOTE: Use Mirro-Mastic® Bond to seal porous substrates.

SPEC. DATA ONLINE
MSDS ONLINE
VIDEO
NO AIR FREIGHT



CAT. NO. PM201GL
1 Gallon



CAT. NO. PM205
5 Gallons



CAT. NO. PM601T
11 Ounces



CAT. NO. PM601QT
29 Ounces

CAT. NO.	CONTENTS	QTY/CASE
PM201GL*	1 Gallon (3.785 l)	4
PM205	5 Gallons (18.927 l)	1
PM601T	11 Fl. Oz. (325 ml)	24
PM601QT	29 Fl. Oz. (857 ml)	12

Minimum order: 1 each. * Pallet quantity pricing available for large users. All gallon mastics can be combined for quantity pricing. All cartridge mastics can be combined for quantity pricing.

CRL Palmer QwikSet™ Mirro-Mastic®

- Ideal for Overlays and Beveled Strips
- Fast Curing

Palmer QwikSet™ Mirro-Mastic® is a fast curing adhesive mastic formulated for adhering plate glass mirror to various substrates, such as drywall, wood, glass, metal, or tile. QwikSet™ is ideal for mirror-to-mirror overlays, beveled strips, and mirrored furniture. At room temperature (72°F / 22°C), QwikSet™ will cure to 80 percent strength in 48 hours.

NOTE: Do not use on acrylic mirror, safety tapes or backings. Use sealer or primer on porous substrates, but not Palmer Mirro-Mastic® Bond.

SPEC. DATA ONLINE
MSDS ONLINE
VIDEO
NO AIR FREIGHT



CAT. NO.	CONTENTS	QTY/CASE
PM711N	10.1 Fl. Oz. (298 ml)	24

Minimum order: 1 each. Can be combined with all cartridge mastics for quantity pricing.

CRL Palmer Mastic Stik™

- Applicator and Remover for Palmer Mirro-Mastic®



Mastic Stik™ makes it easy to apply or remove mastic



The Palmer Mastic Stik™ has a scoop end with a chiseled tip, making it the ideal tool for the application or removal of Palmer Mirro-Mastic®. Made of lightweight and durable PVC, the Mastic Stik™ measures 16-1/2" (419 mm) long. Chiseled scoop edge is 1-1/2" (38 mm) wide. Minimum order is one each.

CAT. NO. MS97

CRL Palmer Mirro-Mastic® Bond

- Made for Sealing Porous Wall Surfaces

MSDS ONLINE
NO AIR FREIGHT
VIDEO



Use it to prime walls of wood,concrete, drywall, concrete block or brick before you apply CRL Palmer Mirro-Mastic®. Apply with a brush or roller. It penetrates and seals walls, giving the best possible surface for mirror installations. **NOTE:** Mirro-Mastic® Bond is not required for glazed porcelain or tile surfaces, nor for mirror-to-mirror installations. Use only with regular Palmer Mirro-Mastic®. Never use Mirro-Mastic® Bond with Palmer QwikSet™.

CAT. NO.	CONTENTS	QTY/CASE
PMB401GL	1 Gallon (3.785 l)	4

Minimum order: 1 gallon. Can be combined wth all gallon mastics for quantity pricing.

Mirro-Mastic is a registered trademark of Palmer Products Corporation
LEED is a registered trademark of U.S. Green Building Council Non-Profit Corporation

CRL Gunther Mirror Mastics

SPEC. DATA ONLINE | MSDS ONLINE | VIDEO | NO AIR FREIGHT

- Two High Strength Formulas
- Extra/Build® Provides Build Out for Large Mirrored Walls
- Ultra/Bond® Compresses for Tight Tolerances Such as Overlays

MORE INFORMATION crlaurence.com

Gunther Ultra/Bond® and Extra/Build® Mirror Mastics are high quality adhesives formulated to provide a strong, permanent bond between electro-copper-plated glass mirror and various substrates. Both have been field tested for compatibility with silver, copper, and mirror backing. Both have an easy working consistency year round, and will adhere to a wide variety of substrates including drywall, wood, metal, glass, marble, and tile. **NOTE:** Not for use on acrylic mirror. Use Cat. No. GN8 Gunther Prime-N-Seal Primer (see below) on all porous substrates. Application guidelines are available online for all Gunther products. Mechanical support systems are recommended for all mirror applications.



Gunther Ultra/Bond's viscosity provides for a build out of 3/4" (19 mm), and can be compressed to 1/32" (.8 mm) for mirror installations requiring close tolerances, such as overlays, mirrored furniture, and medicine cabinets.



Gunther Extra/Build's viscosity provides for a build out of 2-1/2" (63.5 mm) without sag for custom mirrored walls or vanities, where construction is such that there are gaps of over 3/4" (19 mm) between the mirror and the substrate.

10.1 FL. OZ. (299 ML) CARTRIDGES

CAT. NO.	TYPE	COLOR	QTY/CASE
GN100A	Ultra/Bond®	Cream	24
GN200A	Extra/Build®	Black	24

Minimum order: 1 each. Can be combined with all cartridge mastics for quantity pricing.

ONE GALLON (3.785 L) CANS

CAT. NO.	TYPE	COLOR	QTY/CASE
GN101B	Ultra/Bond®	Cream	4
GN201B	Extra/Build®	Black	4

Minimum order: 1 gallon. All gallon mastics can be combined for quantity pricing.

CRL Gunther Premier® Plus Mirror Mastic

SPEC. DATA ONLINE | MSDS ONLINE | VIDEO

- Bonds to Porous and Non-Porous Primed Surfaces
- Fast Permanent Bond, Yet Remains Very Flexible
- Ultra Low VOC (10 g/l)

Gunther Premier® Plus Mirror Mastic is a high-quality, urethane based adhesive formulated to provide a strong, permanent bond between electro-copper-plated glass mirror or acrylic mirror and various substrates (use Cat. No. GN8 Gunther Prime-N-Seal Primer on all porous substrates), including CRL Brand Category II Safety Tape. It is a very versatile product that is ideal for high-traffic areas, such as gyms, dance studios, and commercial projects. It holds firm, yet absorbs movement, vibrations, and allows for thermal expansion and contraction. It can be built out to 2" (51 mm) for large mirrors or uneven wall jobs, or compressed to 1/16" (1.6 mm) for mirror installations requiring close tolerances, such as overlays, mirrored furniture, and medicine cabinets. Mechanical support systems are recommended for all mirror applications. This product also qualifies for the LEED® (Leadership in Energy and Environmental Design) Green Building Rating System™ credit.



Gunther Premier™ Plus at 72°F (22°C) achieves approximately 30 percent strength in 24 hours, full cure in 7 days. Gunther Premier™ Plus should be applied in 3/8" (9.5 mm) vertical beads, 5 to 6" (127 to 152 mm) apart and away from the edge to prevent squeeze out. Approximate coverage is 7 sq. ft. per cartridge.

- LEED® Compliant

CAT. NO.	COLOR	CONTENTS	QTY/CASE
GN105P	Gray	10.3 Fl. Oz. (304 ml)	12

Minimum order: 1 each. Can be combined with all cartridge mastics for quantity pricing.

CRL Gunther Prime-N-Seal Primer

MSDS ONLINE

Gunther Prime-N-Seal is a superior, quick drying acrylic primer and sealer designed to help eliminate mirror installation failure. It enhances the adhesion of mastics while protecting the mirror from substrate contaminates. Prime-N-Seal promotes exceptional adhesion to drywall, greenboard, cement, plaster, plywood, brick, and other substrates.



CAT. NO.	CONTENTS	QTY/CASE
GN8	1 Gal. (3.785 l)	4

Minimum order: 1 gallon.

CRL Palmer Electric Mastic Applicator

VIDEO

- Heated Scoop Deposits Mastic Easier and in Uniform Size Pats



CAT. NO. 1234PA

Use the Palmer Mastic Applicator to scoop out heavy bodied mastics in uniform size pats. The heated bowl scoops mastic directly from the can to apply either to the substrate or mirror panel. Applicator operates on 110V AC power. Minimum order is one each.

Gunther Extra/Build, Ultra Bond, and Premier are all registered trademarks of Royal Adhesives and Sealants, LLC.
LEED is a registered trademark of U.S. Green Building Council Non-Profit Corporation.

CRL Heavy-Bodied Mirror Mastic

SPEC. DATA ONLINE
MSDS ONLINE
VIDEO
NO AIR FREIGHT

- Reliable, Top-Quality Formula
- LEED® Compliant

CRL Heavy-Bodied Mirror Mastic is an adhesive mastic formulated for adhering plate glass mirror and acrylic mirror to various substrates, such as drywall, wood, glass, metal or tile. Ideal for large mirrored walls, columns, and vanities. May be used with CRL Category Two Safety Tape Film that has been washed with a 70% solution of isopropyl alcohol (IPA). All applications must have permanent bottom support and mechanical fasteners. **NOTE:** Use Mirro-Mastic® Bond to seal porous substrates (see page GG001).



CAT. NO.	CONTENTS	QTY/CASE
600GL	1 Gallon (3.785 l)	4

Minimum order: 1 gallon. All gallon mastics can be combined for quantity pricing.

CRL Light-Bodied Mirror Mastic

MSDS ONLINE
VIDEO
NO AIR FREIGHT

- Top-Quality Adhesive for Lightweight Mirrors or Mirror Tiles

CRL Light-Bodied Mirror Mastic is a top quality adhesive. Use it to coat an entire mirror backing to hold pieces together in case of breakage. Use with Double Sided Mirror Mounting Foam Tape (see below) for small mirror installations, or for J-Channel and Mirror Clip installations. It is not recommended for installations of heavy mirror panels or in overhead installations. All applications must have permanent bottom support and mechanical fasteners.



CAT. NO.	CONTENTS	QTY/CASE
300GL	1 Gallon (3.785 l)	4

Minimum order: 1 gallon. All gallon mastics can be combined for quantity pricing.

CRL All-Purpose Foam Mounting Tape

SPEC. DATA ONLINE

- Conforms to All Surfaces
- Excellent for Mirrors, Glass, Metals, Plastics, and Other Surfaces





All-Purpose Foam Mounting Tape has a high-strength adhesive with tenacious holding power. A flexible foam core is double-coated with a high-tack adhesive that makes a strong tape which will conform to irregular shapes and surfaces. Just peel off the release liner and apply to glass, metal, plastic, Masonite, cardboard, and wallboard; making sure all are dry, clean, and dust-free surfaces. Applications include mounting small mirrors and mirror tiles; metal or plastic signs; mounting posters or pictures; adhering edge moldings.

CAT. NO.	COLOR	WIDTH	THICKNESS	ROLL LENGTH	ROLLS/ CASE
CRL213212	White	1/2" (12.7 mm)	1/32" (.8 mm)	216' (65.8 m)	23
CRL21321	White	1" (25.4 mm)	1/32" (.8 mm)	216' (65.8 m)	12
CRL211612	White	1/2" (12.7 mm)	1/16" (1.6 mm)	108' (32.9 m)	23
CRL211634	White	3/4" (19 mm)	1/16" (1.6 mm)	108' (32.9 m)	16
CRL21161	White	1" (25.4 mm)	1/16" (1.6 mm)	108' (32.9 m)	12
CRL210812	White	1/2" (12.7 mm)	1/8" (3.2 mm)	50' (15.2 m)	23
CRL210834	White	3/4" (19 mm)	1/8" (3.2 mm)	50' (15.2 m)	16
CRL21081	White	1" (25.4 mm)	1/8" (3.2 mm)	50' (15.2 m)	12
CRL423212	Black	1/2" (12.7 mm)	1/32" (.8 mm)	216' (65.8 m)	23
CRL421612	Black	1/2" (12.7 mm)	1/16" (1.6 mm)	108' (32.9 m)	23
CRL421634	Black	3/4" (19 mm)	1/16" (1.6 mm)	108' (32.9 m)	16
CRL420812	Black	1/2" (12.7 mm)	1/8" (3.2 mm)	50' (15.2 m)	23

Minimum order: 1 roll. All sizes and colors can be combined for quantity pricing.

CRL 3M® Scotch Mount Foam Tape

SPEC. DATA ONLINE
MSDS ONLINE

- Mount Mirrors, Plaques or Frames Directly to the Wall
- Conforms to All Surfaces



The strong, pressure sensitive adhesive of CRL 3M® Scotch Mount Foam Tape is bonded to a high density foam. Because this foam conforms to any surface, you will find it ideal to use for mounting mirror squares, small plaques or frames directly to walls.

CAT. NO.	WIDTH	THICKNESS	ROLL LENGTH	ROLLS/ CASE
403212	1/2" (12.7 mm)	1/32" (.8 mm)	216' (65.8 m)	18
40321	1" (25.4 mm)	1/32" (.8 mm)	216' (65.8 m)	9
401612	1/2" (12.7 mm)	1/16" (1.6 mm)	108' (32.9 m)	18
401634	3/4" (19 mm)	1/16" (1.6 mm)	108' (32.9 m)	12
40163445	3/4" (19 mm)	1/16" (1.6 mm)	45' (13.7 m)	12
40161	1" (25.4 mm)	1/16" (1.6 mm)	108' (32.9 m)	9
400812	1/2" (12.7 mm)	1/8" (3.2 mm)	108' (32.9 m)	18
400834	3/4" (19 mm)	1/8" (3.2 mm)	108' (32.9 m)	12
40083421	3/4" (19 mm)	1/8" (3.2 mm)	21' (6.4 m)	12
40081	1" (25.4 mm)	1/8" (3.2 mm)	108' (32.9 m)	9

Minimum order: 1 roll. All sizes and colors can be combined for quantity pricing.

Mirro-Mastic is a registered trademark of Palmer Products Corporation.
LEED is a registered trademark of U.S. Green Building Council Non-Profit Corporation.
3M is a registered trademark of 3M Company.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL Category II Safety Backing Tape for Mirrors

SPEC. DATA ONLINE

MSDS ONLINE

- **Makes Mirrors Shatter Resistant**

Category II Safety Backing Tape for Mirrors keeps glass fragments together should mirrors be accidentally broken. This pressure-sensitive, adhesive coated film tape is primarily recommended for mirrored wardrobe doors that require a Category II Mirror Safety Backing. Complies with ANSI Z97.1-1984 and 16CFR1201 for impact resistance.

CAT. NO.	WIDTH	ROLL LENGTH
2MT24	24" (610 mm)	600' (183 m)
2MT36	36" (914 mm)	600' (183 m)
2MT48	48" (1219 mm)	600' (183 m)
2MT60	60" (1524 mm)	600' (183 m)

Minimum order: 1 roll. Widths can be combined for quantity pricing.



Category II Safety Tape with Woven Scrim



CRL Mirror Edge Sealant

MSDS ONLINE

NO AIR FREIGHT

- **Prevents Mirror Edges From Turning Black**
- **Sponge Applicator Included**

CRL Mirror Edge Sealant protects the silver on seamed or finished edges from turning black. Black edges occur when silver is exposed to humidity or acidity. This easy-to-use brush-on product has no wasteful overspray. 1" (25 mm) wide Sponge Applicator included with every can.

CAT. NO.	CONTENTS	QTY/CASE
MES16	16 Fl. Oz. (473 ml)	6

Minimum order: 1 each.



Easy to Apply with Sponge Applicator (Included)



CRL Aerosol Mirror Edge Sealant

MSDS ONLINE

NO AIR FREIGHT

- **Sprays On Clear to Seal Mirror Edges After Sanding and Beveling**
- **Prevents Cut Mirror Edges From Turning Black as They React to Moisture**

This Edge Sealant provides long lasting protection against moisture and other harmful conditions.

CAT. NO.	CONTENTS	QTY/CASE
S209	10.5 Oz. (298 g)	12

Minimum order: 1 each.



Aerosol Spray for Faster Application



CRL Gunther Seal-Kwik Mirror Edge Sealant

MORE INFORMATION crlaurence.com

MSDS ONLINE

VIDEO

- **Protects Mirror Edges From "Black Edge"**
- **Built-In Applicator Top**

Seal-Kwik goes on fast and easy with a sponge-dauber top, with no running, spilling or wasteful overspray.

CAT. NO.	CONTENTS	QTY/CASE
GN4	4 Fl. Oz. (118 ml)	6

Minimum order: 1 each.



Easy Application with Sponge-Dauber Top



CRL Mirror Extrusions

- **Choose From a Wide Variety of Opening Widths, Front Face Heights, and Beautiful Finishes**

Transform an ordinary looking room into a larger expanse of beauty! CRL has the largest and most diversified selection of Mirror Extrusions in the glazing industry. Available in a vast variety of finishes and configurations, each aluminum stock length is individually polywrapped for protection against scratching. Extrusions come in standard 12' (3.66 m) lengths, unless noted otherwise.



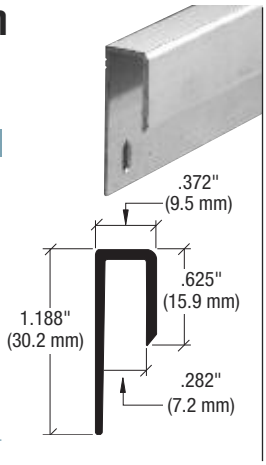
CAT. NO. JSAMPLE

CRL Deep Nose Aluminum 1/4" J-Channel

12' (3.66 M) STOCK LENGTHS 40/CASE

CAT. NO.	FINISH
D645A	Satin Anodized
D645BA	Brite Anodized
D645BGA	Brite Gold Anodized
D645BL	Black Electro-Static Paint
D645BN	Brushed Nickel
D645BRZ	Bronze Electro-Static Paint
D645DBA	Dipped Brite Anodized
D645DBGA	Dipped Brite Gold Anodized
D645GA	Gold Anodized
D645P	Polished
D645W	White Electro-Static Paint

Minimum order: 1 stock length.

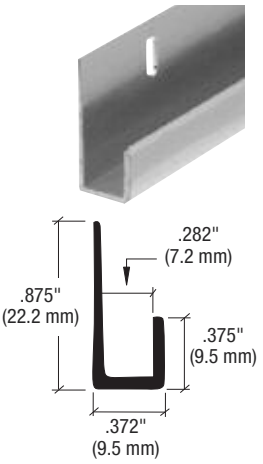


CRL Standard Aluminum 1/4" J-Channel

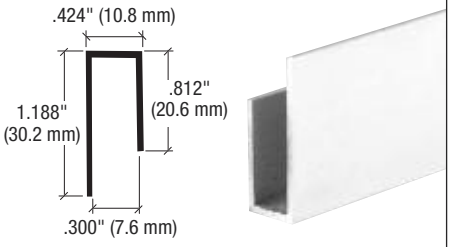
12' (3.66 M) STOCK LENGTHS 50/CASE

CAT. NO.	FINISH
D636A	Satin Anodized
D636BA	Brite Anodized
D636BGA	Brite Gold Anodized
D636BL	Black Electro-Static Paint
D636BN	Brushed Nickel
D636BRZ	Bronze Electro-Static Paint
D636DBA	Dipped Brite Anodized
D636DBGA	Dipped Brite Gold Anodized
D636GA	Gold Anodized
D636P	Polished
D636W	White Electro-Static Paint

Minimum order: 1 stock length.



CRL Extra Deep Nose Aluminum 1/4" J-Channel

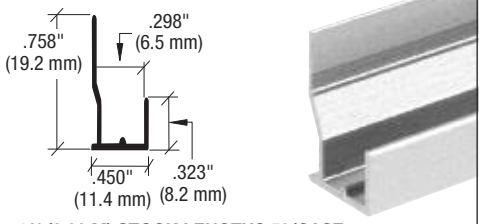


12' (3.66 M) STOCK LENGTHS 40/CASE

CAT. NO.	FINISH
D318A	Satin Anodized
D318BA	Brite Anodized

Minimum order: 1 stock length.

CRL FHA Type Aluminum 1/4" J-Channel

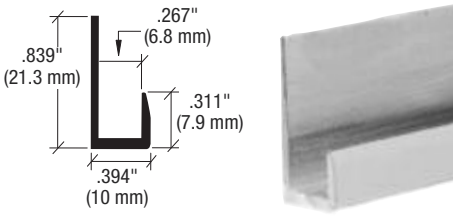


12' (3.66 M) STOCK LENGTHS 50/CASE

CAT. NO.	FINISH
D638A	Satin Anodized
D638BA	Brite Anodized
D638DU	Duranodic Bronze

Minimum order: 1 stock length.

CRL Low Profile Aluminum 1/4" J-Channel

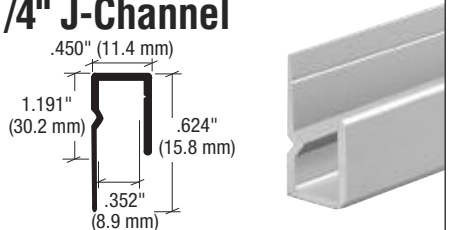


12' (3.66 M) STOCK LENGTHS 50/CASE

CAT. NO.	FINISH
D514A	Satin Anodized
D514BA	Brite Anodized
D514BGA	Brite Gold Anodized

Minimum order: 1 stock length.

CRL Deep Nose Heavy Indented Back Aluminum 1/4" J-Channel

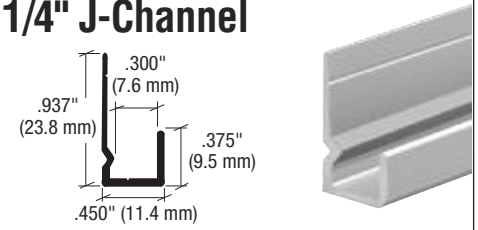


12' (3.66 M) STOCK LENGTHS 50/CASE

CAT. NO.	FINISH
D651A	Satin Anodized
D651BA	Brite Anodized
D651BGA	Brite Gold Anodized

Minimum order: 1 stock length.

CRL Standard Heavy Indented Back Aluminum 1/4" J-Channel

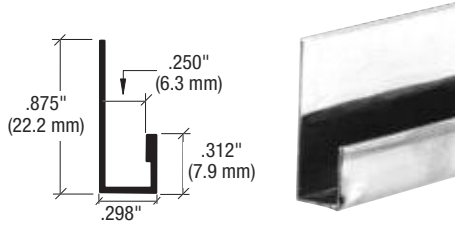


12' (3.66 M) STOCK LENGTHS 40/CASE

CAT. NO.	FINISH
D657A	Satin Anodized
D657BA	Brite Anodized
D657BGA	Brite Gold Anodized

Minimum order: 1 stock length.

CRL Stainless Steel 1/4" J-Channel



12' (3.66 M) STOCK LENGTHS 50/CASE

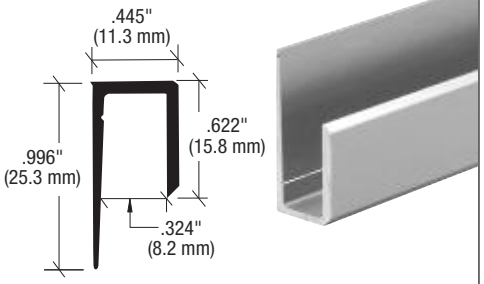
CAT. NO.	FINISH
SS960	Stainless Steel

Minimum order: 10 stock lengths.

All finishes and shapes can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than 10 combined lengths.
Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for U.P.S. A Cutting Charge will apply. Stainless Steel Moldings cannot be cut.

CRL MIRROR EXTRUSIONS

CRL Canadian Style Deep Nose Aluminum 1/4" J-Channel

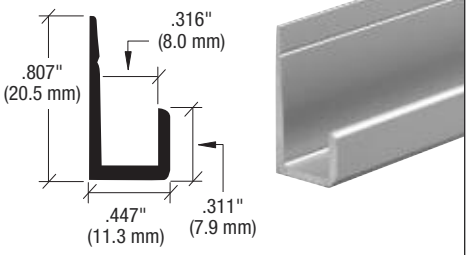


12' (3.66 M) STOCK LENGTHS 40/CASE

CAT. NO.	FINISH
DV606A	Satin Anodized
DV606BA	Brite Anodized
DV606DBGA	Dipped Brite Gold Anodized
DV606BL	Black

Minimum order: 1 stock length.

CRL Canadian Style Standard Aluminum 1/4" J-Channel

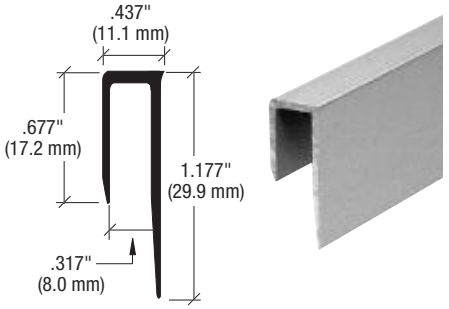


12' (3.66 M) STOCK LENGTHS 50/CASE

CAT. NO.	FINISH
DV605A	Satin Anodized
DV605BA	Brite Anodized
DV605DBGA	Dipped Brite Gold Anodized
DV605BL	Black

Minimum order: 1 stock length.

CRL Deep Nose Aluminum 5/16" J-Channel

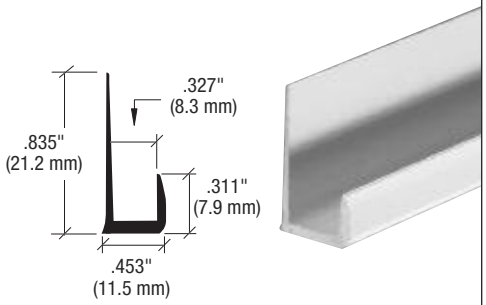


12' (3.66 M) STOCK LENGTHS 40/CASE

CAT. NO.	FINISH
D58A	Satin Anodized
D58BA	Brite Anodized
D58BGA	Brite Gold Anodized

Minimum order: 1 stock length.

CRL Standard Aluminum 5/16" J-Channel

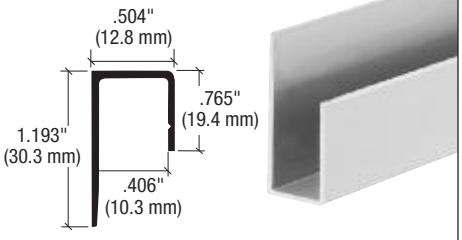


12' (3.66 M) STOCK LENGTHS 50/CASE

CAT. NO.	FINISH
D516A	Satin Anodized
D516BA	Brite Anodized
D516BGA	Brite Gold Anodized

Minimum order: 1 stock length.

CRL Deep Nose Aluminum 3/8" J-Channel

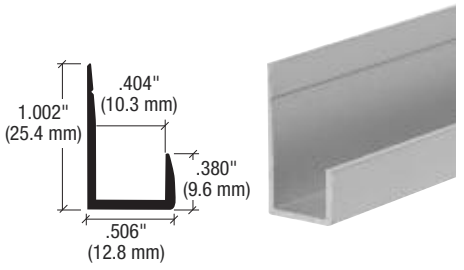


12' (3.66 M) STOCK LENGTHS 30/CASE

CAT. NO.	FINISH
D838A	Satin Anodized
D838BA	Brite Anodized
D838BGA	Brite Gold Anodized

Minimum order: 1 stock length.

CRL Standard Aluminum 3/8" J-Channel

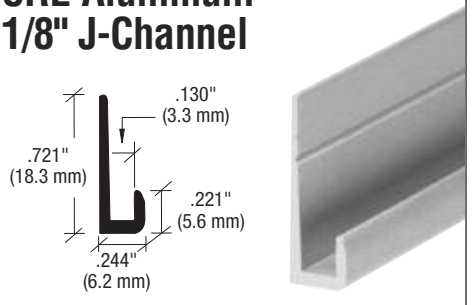


12' (3.66 M) STOCK LENGTHS 40/CASE

CAT. NO.	FINISH
D738A	Satin Anodized
D738BA	Brite Anodized
D738BGA	Brite Gold Anodized

Minimum order: 1 stock length.

CRL Aluminum 1/8" J-Channel

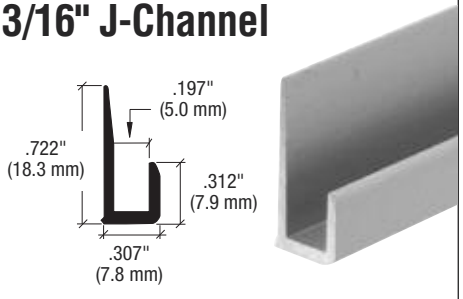


12' (3.66 M) STOCK LENGTHS 50/CASE

CAT. NO.	FINISH
D18A	Satin Anodized
D18BA	Brite Anodized

Minimum order: 1 stock length.

CRL Aluminum 3/16" J-Channel

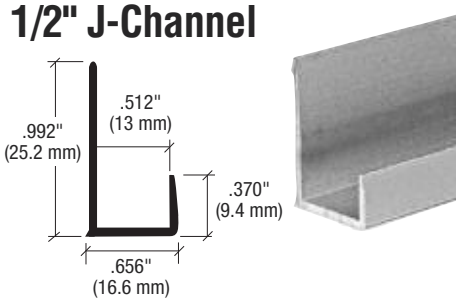


12' (3.66 M) STOCK LENGTHS 50/CASE

CAT. NO.	FINISH
D3316A	Satin Anodized
D3316BA	Brite Anodized

Minimum order: 1 stock length.

CRL Aluminum 1/2" J-Channel



12' (3.66 M) STOCK LENGTHS 30/CASE

CAT. NO.	FINISH
D12A	Satin Anodized
D12BA	Brite Anodized

Minimum order: 1 stock length.

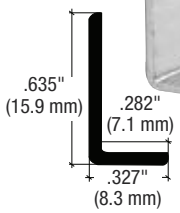
All finishes and shapes can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than 10 combined lengths.
Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for U.P.S. A Cutting Charge will apply.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL Aluminum L-Bar and J-Bar Face



- Can be Used as an L-Bar or J-Channel Face



12' (3.66 M) STOCK LENGTHS 50/CASE

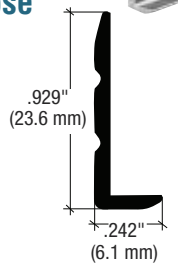
CAT. NO.	FINISH
L502A	Satin Anodized
L502BA	Brite Anodized
L502BGA	Brite Gold Anodized
L502BN	Brushed Nickel
L502BRZ	Bronze Electro-Static Paint
L502GA	Satin Gold Anodized
L502P	Polished

Minimum order: 1 stock length. A Packing Charge will be added to orders of fewer than 10 combined lengths.

CRL Aluminum 3/16" L-Bar Extrusion



- Multi-Purpose Extrusion



12' (3.66 M) STOCK LENGTHS 50/CASE

CAT. NO.	FINISH
DV101BA	Brite Anodized
DV101BGA	Brite Gold Anodized

Minimum order: 1 stock length. A Packing Charge will be added to orders of fewer than 10 combined lengths.

CRL Aluminum 1/4" L-Bar Extrusion



- Edge Protector and Mirror Support



12' (3.66 M) STOCK LENGTHS 50/CASE

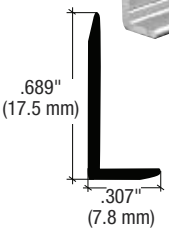
CAT. NO.	FINISH
L902A	Satin Anodized
L902BA	Brite Anodized
L902BGA	Brite Gold Anodized
L902BN	Brushed Nickel
L902BRZ	Bronze Electro-Static Paint
L902P	Polished

Minimum order: 1 stock length. A Packing Charge will be added to orders of fewer than 10 combined lengths.

CRL Aluminum 1/4" L-Bar Extrusion



- Can be Used as an L-Bar or J-Channel Face



12' (3.66 M) STOCK LENGTHS 50/CASE

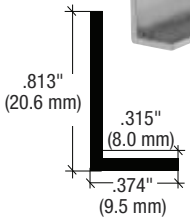
CAT. NO.	FINISH
DV607A	Satin Anodized
DV607BA	Brite Anodized
DV607BGA	Brite Gold Anodized
DV607BRZ	Bronze Electro-Static Paint

Minimum order: 1 stock length. A Packing Charge will be added to orders of fewer than 10 combined lengths.

CRL Aluminum 3/8" L-Bar Extrusion



- Finished on All Surfaces

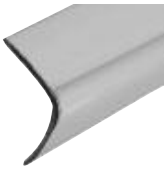


12' (3.66 M) STOCK LENGTHS 50/CASE

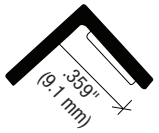
CAT. NO.	FINISH
D317A	Satin Anodized
D317BA	Brite Anodized
D317BGA	Brite Gold Anodized
D317DU	Duranodic Bronze
D317GA	Gold Anodized

Minimum order: 1 stock length. A Packing Charge will be added to orders of fewer than 10 combined lengths.

CRL 3/8" Plastic Reflective Outside Angle Molding



- Mirror-Like Finish
- Lightweight and High Strength



12' (3.66 M) STOCK LENGTHS 15/CASE

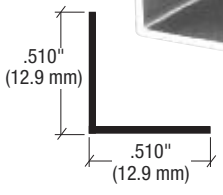
CAT. NO.	FINISH
PRT200CH	Chrome

Minimum order: 1 each. A Packing Charge will be added to orders of fewer than 15 combined lengths.

CRL 1/2" Aluminum Angle Extrusion



- Can be Used for Inside and Outside Corners

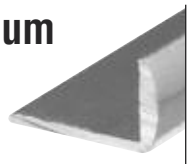


12' (3.66 M) STOCK LENGTHS 50/CASE

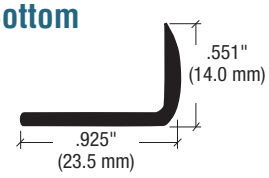
CAT. NO.	FINISH
D1627A	Satin Anodized
D1627BA	Brite Anodized
D1627BGA	Brite Gold Anodized
D1627BL	Black Electro-Static Paint
D1627BN	Brushed Nickel
D1627BRZ	Bronze Electro-Static Paint

Minimum order: 1 stock length. A Packing Charge will be added to orders of fewer than 10 combined lengths.

CRL 1/2" Aluminum Rounded Face Angle Extrusion



- Primarily Used as Top or Bottom Door Cap

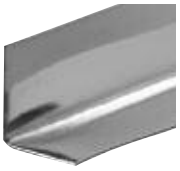


12' (3.66 M) STOCK LENGTHS 40/CASE

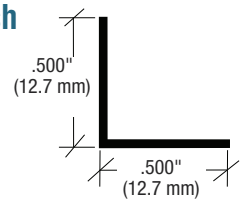
CAT. NO.	FINISH
DA326A	Satin Anodized
DA326BA	Brite Anodized
DA326BGA	Brite Gold Anodized

Minimum order: 1 stock length. A Packing Charge will be added to orders of fewer than 10 combined lengths.

CRL 1/2" Stainless Steel L-Angle



- Use When Bright Finish is Required



12' (3.66 M) STOCK LENGTHS 50/CASE

CAT. NO.	FINISH
SS964	Stainless Steel

Minimum order: 10 stock lengths.

All finishes and shapes can be combined for quantity pricing.
Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for U.P.S. A Cutting Charge will apply. Stainless Steel Moldings cannot be cut.

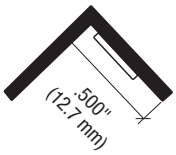
CRL MIRROR EXTRUSIONS

go to:
crlaurence.com/**mirror-extrusions**

CRL 1/2" Plastic Reflective Outside Angle Molding



- Comes With One Strip of Two-Sided Foam Tape

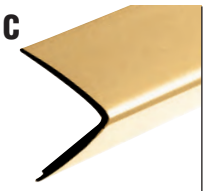


96" (2.44 M) STOCK LENGTHS 15/CASE

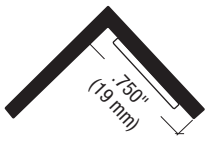
CAT. NO.	FINISH
PRT250CH	Chrome

Minimum order: 1 each. A Packing Charge will be added to orders of fewer than 15 combined lengths.

CRL 3/4" Plastic Reflective Outside Angle Molding



- Comes With One Strip of Two-Sided Foam Tape



96" (2.44 M) STOCK LENGTHS 15/CASE

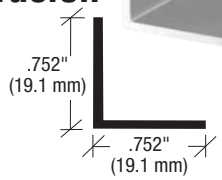
CAT. NO.	FINISH
PRT275BR	Brass
PRT275CH	Chrome

Minimum order: 1 each. A Packing Charge will be added to orders of fewer than 15 combined lengths.

CRL 3/4" Aluminum Angle Extrusion



- For Inside and Outside Corners



12' (3.66 M) STOCK LENGTHS 50/CASE

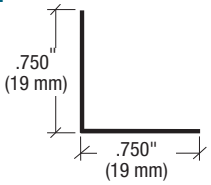
CAT. NO.	FINISH
D1628A	Satin Anodized
D1628BA	Buffed Brite Anodized
D1628BGA	Buffed Brite Gold Anodized
D1628BN	Brushed Nickel
D1628BRZ	Bronze Electro-Static Paint
D1628GA	Gold Anodized

Minimum order: 1 stock length. A Packing Charge will be added to orders of fewer than 10 combined lengths.

CRL 3/4" Stainless Steel L-Angle



- Used in Mirror Installations Where a Bright Finish is Required

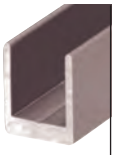


12' (3.66 M) STOCK LENGTHS 50/CASE

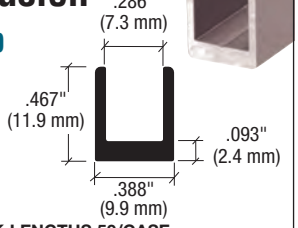
CAT. NO.	FINISH
SS965	Stainless Steel

Minimum order: 10 stock lengths.

CRL 1/4" Aluminum Edge Extrusion



- Covers Up Rough Cuts and Exposed Edges



12' (3.66 M) STOCK LENGTHS 50/CASE

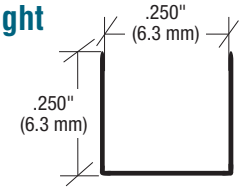
CAT. NO.	FINISH
D631A	Satin Anodized
D631BA	Brite Anodized
D631BGA	Brite Gold Anodized
D631BN	Brushed Nickel
D631BL	Black
D631DU	Duranodic Bronze
D631GA	Gold Anodized
D6310RB	Oil Rubbed Bronze

Minimum order: 1 stock length. A Packing Charge will be added to orders of fewer than 10 combined lengths.

CRL 1/4" x 1/4" Stainless Steel Edge Molding



- Fabricated From .020 Gauge Bright Stainless Steel



12' (3.66 M) STOCK LENGTHS 100/CASE

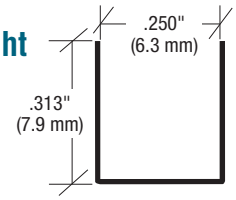
CAT. NO.	FINISH
SS955	Stainless Steel

Minimum order: 10 stock lengths.

CRL 1/4" x 5/16" Stainless Steel Edge Molding



- Fabricated From .018 Gauge Bright Stainless Steel



12' (3.66 M) STOCK LENGTHS 100/CASE

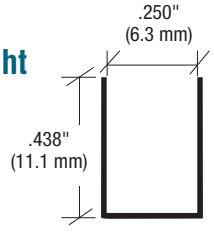
CAT. NO.	FINISH
SS956	Stainless Steel

Minimum order: 10 stock lengths.

CRL 1/4" x 7/16" Stainless Steel Edge Molding



- Fabricated From .020 Gauge Bright Stainless Steel

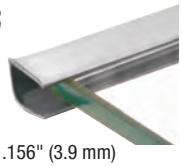


12' (3.66 M) STOCK LENGTHS 100/CASE

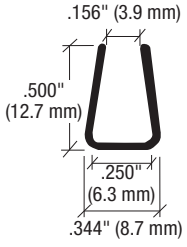
CAT. NO.	FINISH
SS958	Stainless Steel

Minimum order: 10 stock lengths.

CRL 1/4" Plastic Reflective Edge Molding



- Covers Up Rough Cuts and Exposed Edges



96" (2.44 M) STOCK LENGTHS 15/CASE

CAT. NO.	FINISH
PRT100BR	Brass
PRT100CH	Chrome

Minimum order: 1 each. A Packing Charge will be added to orders of fewer than 15 combined lengths.

All finishes and shapes can be combined for quantity pricing.
Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for U.P.S. A Cutting Charge will apply. Stainless Steel Moldings cannot be cut.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

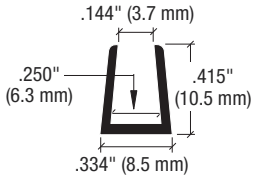
CRL MIRROR EXTRUSIONS

go to:
crlaurence.com/**mirror-extrusions**

CRL 1/4" Plastic Edge Molding



- **Protects Edges of 1/4" (6 mm) Glass**

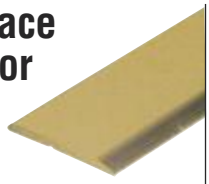


12' (3.66 M) STOCK LENGTHS 100/CASE

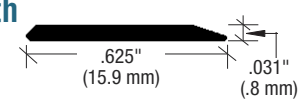
CAT. NO.	FINISH
D720	Clear
D720W	White
D720GRY	Gray

Minimum order: 1 stock length. A Packing Charge will be added to orders of fewer than 10 combined lengths.

CRL 5/8" Flat Face Aluminum Mirror Edge Molding



- **Adheres Easily With CRL 33SC Silicone**



12' (3.66 M) STOCK LENGTHS 50/CASE

CAT. NO.	FINISH
S625A	Satin Anodized
S625BA	Brite Anodized
S625BGA	Brite Gold Anodized
S625BN	Brushed Nickel
S625P	Polished

Minimum order: 1 stock length. A Packing Charge will be added to orders of fewer than 10 combined lengths.

CRL Plastic Reflective Tape

- **Mirror Like Finish**
- **Conforms to Irregular Surfaces**

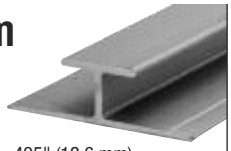


100 FEET (30.5 M) PER ROLL

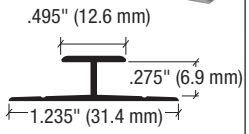
CAT. NO.	WIDTH	FINISH
PRT400BR	1/2" (12 mm)	Brass
PRT400CH	1/2" (12 mm)	Chrome
PRT475BR	3/4" (19 mm)	Brass
PRT475CH	3/4" (19 mm)	Chrome
PRT490BR	1" (25 mm)	Brass
PRT490CH	1" (25 mm)	Chrome

Minimum order: 1 roll.

CRL Aluminum Divider Bar



- **Hides Uneven Edges in Butt Joint Mirror Installations**

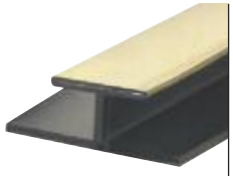


12' (3.66 M) STOCK LENGTHS 40/CASE

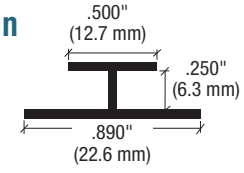
CAT. NO.	FINISH
D901A	Satin Anodized
D901BA	Brite Anodized
D901BGA	Brite Gold Anodized
D901BRZ	Bronze Electro-Static Paint
D901GA	Gold Anodized
D901P	Polished

Minimum order: 1 stock length. A Packing Charge will be added to orders of fewer than 10 combined lengths.

CRL Plastic Reflective Divider Bar



- **ABS Material**
- **Hides Uneven and Rough Cut Edges**



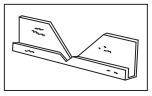
96" (2.44 M) STOCK LENGTHS 15/CASE

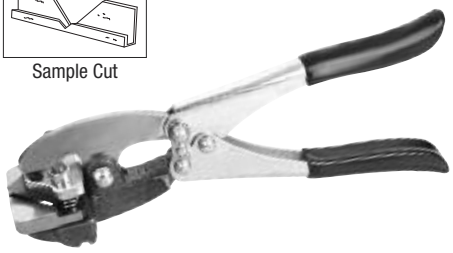
CAT. NO.	FINISH
PRT175BR	Brass
PRT175CH	Chrome

Minimum order: 1 stock length. A Packing Charge will be added to orders of fewer than 15 combined lengths.

CRL Single Cut Miter Tool

- **Makes a Perfect Miter in Stainless Steel Channels**


Sample Cut

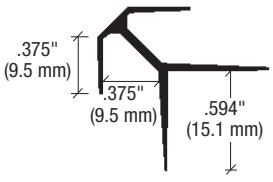


CAT. NO. MT702
Minimum order is one each.

CRL Aluminum Outside Corner Extrusion

- **For Outside Corner and Square Post Mirror Installations**
- **Adds Strength to Joints**





12' (3.66 M) STOCK LENGTHS 20/CASE

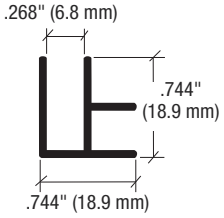
CAT. NO.	FINISH
DA1023BA	Brite Anodized
DA1023BGA	Brite Gold Anodized

Minimum order: 1 stock length. A Packing Charge will be added to orders of fewer than 10 combined lengths.

CRL Aluminum Corner Extrusion

- **Vertical Edge Molding for Outside Mirror Installations**





12' (3.66 M) STOCK LENGTHS 40/CASE

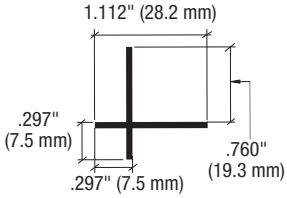
CAT. NO.	FINISH
D7201A	Satin Anodized
D7201BA	Brite Anodized
D7201BGA	Brite Gold Anodized
D7201DU	Duranodic Bronze
D7201GA	Gold Anodized

Minimum order: 1 stock length. A Packing Charge will be added to orders of fewer than 10 combined lengths.

CRL Aluminum Cross Corner Extrusion

- **Vertical Molding to Protect Mirror's Edge on Outside Corner Wall and Column Installations**





12' (3.66 M) STOCK LENGTHS 50/CASE

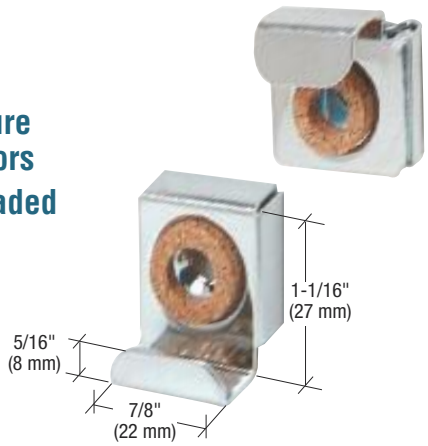
CAT. NO.	FINISH
D323A	Satin Anodized
D323BA	Brite Anodized
D323BGA	Brite Gold Anodized
D323DU	Duranodic Bronze

Minimum order: 1 stock length. A Packing Charge will be added to orders of fewer than 10 combined lengths.

All finishes and shapes can be combined for quantity pricing.
Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for U.P.S. A Cutting Charge will apply.

CRL E-Z Mount Mirror Clip Set

- The Fast and Secure Way to Hang Mirrors
- Unique Spring-Loaded Top Clips
- Made of Nickel Plated Steel
- Mounting Screws Included

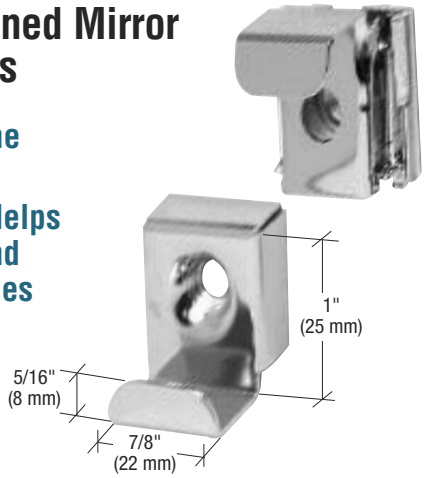


CAT. NO.	FINISH	QTY/SET
655	Nickel Plated	4 Clips
50655B	NIckel Plated	Bulk Package of 50 Sets

Minimum order: Cat. No. 655 is one set; Cat. No. 50655B is one carton. Cat. No. 655 Clip Sets can be combined with all other Mirror Clips for quantity pricing. **NOTE:** Maximum recommended mirror size is 36" x 48" (914 x 1219 mm)

CRL Plastic Lined Mirror Mounting Clips

- Polished Chrome Finish
- Plastic Lining Helps Protect Clips and Prevent Scratches in Mirror
- Spring-Loaded Top Clips

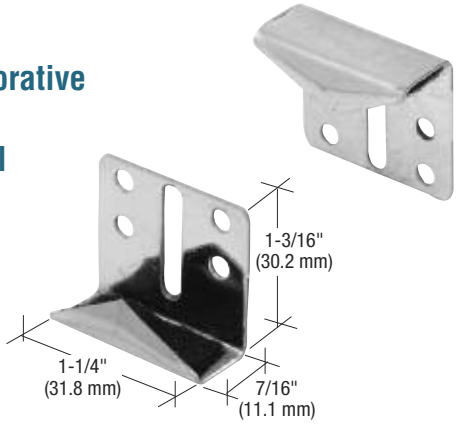


CAT. NO.	FINISH	QTY/SET
655KE	Polished Chrome	4 Clips

Minimum order: 1 set. Can be combined with all other Mirror Clip Sets for quantity pricing.

CRL Designer Mirror Clips

- Attractive Decorative Design
- Stainless Steel Finish
- Slotted Back

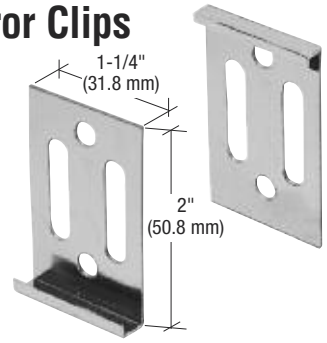


CAT. NO.	FINISH	QTY/PACK
SL60	Stainless Steel	100

Minimum order: 100 each. Can be combined with all other Mirror Clips for quantity pricing.

CRL Vancouver Mirror Clips

- Available for 1/8" to 1/4" (3 to 6 mm) Thick Mirror
- Two Finishes: Nickel Plated and Zinc Plated
- Slotted to Permit Height Adjustment

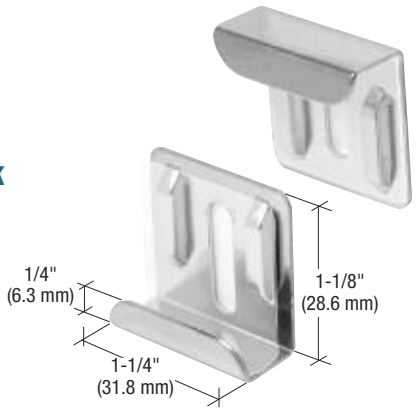


CAT. NO.	FINISH	APPLICATION	QTY/PACK
SW0163	Nickel Plated	1/8" (3 mm) Glass	100
SW0164	Zinc Plated	5/32" (4 mm) Glass	100
SW1264	Nickel Plated	5/32" (4 mm) Glass	100
SW0165	Zinc Plated	3/16" (5 mm) Glass	100
SW1266	Nickel Plated	3/16" (5 mm) Glass	100
SW0166	Zinc Plated	1/4" (6 mm) Glass	100
SW1267	Nickel Plated	1/4" (6 mm) Glass	100

Minimum order: 100 each. Can be combined with all other Mirror Clips for quantity pricing.

CRL J-Mirror Clip Set

- Plastic Lined to Protect Mirror Back Against Scratching
- Bright Nickel Plated Finish
- Fits 1/4" (6 mm) Mirror

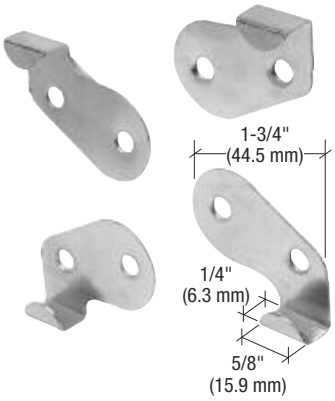


CAT. NO.	FINISH	QTY/SET
KJ9	Nickel Plated	4 Clips

Minimum order: 1 set. Can be combined with all other Mirror Clip Sets for quantity pricing. Each Mirror Clip Set includes four Clips, screws, and plastic liners.

CRL Goss Mirror Mounting Clip Set

- Swivel Action Adjustment
- Easy to Install
- Nickel Plated



MORE CHOICES
crlaurence.com

CAT. NO.	CHANNEL SIZE	QTY/SET
080	1/4" (6 mm)	4 Clips

Minimum order: 1 each. Can be combined with all other Mirror Clip Sets for quantity pricing.

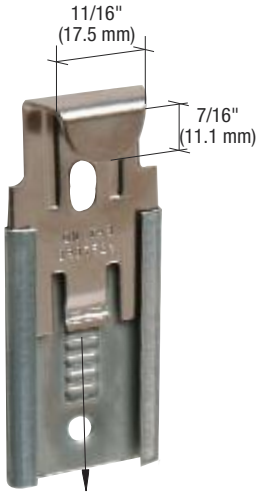
TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Adjustable Mirror Clip Sets

- Available to Fit Three Thicknesses of Mirror
- Models for Mirrors With Flat Seamed or Beveled Type Edges
- No Holes to Drill in Mirror or Backboard
- Gold and Nickel Plated Finishes

These attractive Clips hold mirrors firmly, yet there are no visible screws or unsightly holders. The expandable Upper Clips make it easy to install most any mirror. They are quick, simple, and easy to use. Each set contains two upper and two lower clips with mounting screws. **NOTE:** Each lower clip can hold up to 50 pounds (22.7 kg) when mounted every four feet (1.2 m) into wall studs.



Top Mirror Clips are adjustable to allow for installation.

Top Clip

For top or side mounting: Place screw through back section only. Adjust Clip with your finger.

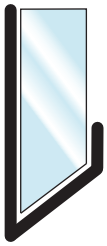
Lower Clip

Place mounting screw through Clip and back slide section to attain maximum support.

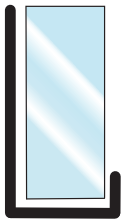


CAT. NO.	FINISH	APPLICATION	SETS/PACK
64114	Nickel Plated	1/4" (6 mm) Seamed Mirrors	1
5064114*	Nickel Plated	1/4" (6 mm) Seamed Mirrors	50
64114GLD	Gold Plated	1/4" (6 mm) Seamed Mirrors	1
64138	Nickel Plated	3/8" (10 mm) Seamed Mirrors	1
64112	Nickel Plated	1/2" (12 mm) Seamed Mirrors	1
64114BV	Nickel Plated	1/4" (6 mm) Beveled Mirrors	1
5064114BV*	Nickel Plated	1/4" (6 mm) Beveled Mirrors	50
64114BVGLD	Gold Plated	1/4" (6 mm) Beveled Mirrors	1

Minimum order: 1 each. *Minimum order: 1 carton. Can be combined with all other Mirror Clip Sets for quantity pricing.



Beveled Mirrors



Seamed Mirrors

CRL Mirraco® Mirror Hangers

- Greater Holding Strength
- Reduces Installation Time
- No Holes to Drill in Mirror
- No Backboards Necessary
- Ample Space Between Mirror and Wall Adds to Life of Mirror













MORE INFORMATION crlaurence.com

These CRL Mirraco® Mirror Hangers are an excellent choice for larger mirror installations. This system provides greater holding strength than comparable hangers. Installation time is reduced because there are no holes to drill in the mirror, plus the mirror can be centered before hanging. Each set includes upper and lower hanger strips, four clips, screws, and complete mounting instructions. This system offers a complete range of Hanger Sets from 16" to 54" (406 to 1372 mm).

CAT. NO.	HANGER WIDTH	MAXIMUM MIRROR WIDTH
74116	16" (406 mm)	26" (660 mm)
74124	24" (610 mm)	30" (762 mm)
74128	28" (711 mm)	36" (914 mm)
74136	36" (914 mm)	44" (1118 mm)
74142	42" (1067 mm)	56" (1422 mm)
74154	54" (1372 mm)	80" (2032 mm)

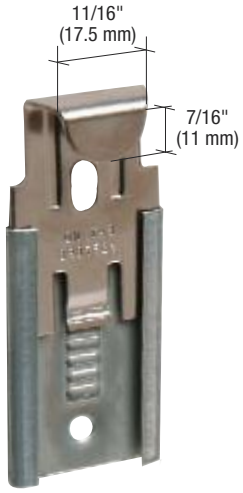
Minimum order: 1 each. Sizes can be combined for quantity pricing.

Mirraco is a registered trademark of J.W. Goss Company.

Easy to Install

1. Position and secure bottom hanger to wall.
2. Position top hanger 1/2" lower than height of mirror and secure to wall.
3. Push top clips up install mirror (bottom first). Push top clip down to hold mirror.

NOTE: Hangers are stamped Top or Bottom.



- 6" (152 mm) Long Four-Hanger Sets

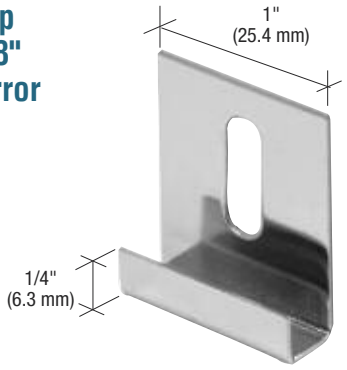
These CRL Mirraco® 6" (152 mm) Four-Hanger Sets let you mount individual hangers, instead of a continuous Hanger Strip, in the best position to accommodate mirrors up to 60" (1524 mm) in width. They have the famous Mirraco® Clips that make mirrors easy to mount without drilling into the glass. Each set includes two upper and two lower hanger strips with clips, screws, and mounting instructions.

CAT. NO.	MAXIMUM MIRROR WIDTH
7416	60" (1524 mm)

Minimum order: 1 each. Sizes can be combined for quantity pricing.

CRL Dallas Mirror Clips

- **Very Popular Wide Clip for 1/4", 5/16", and 3/8" (6, 8, and 10 mm) Mirror**
- **21 Gauge Steel**
- **Slotted Back for a Height Adjustment**



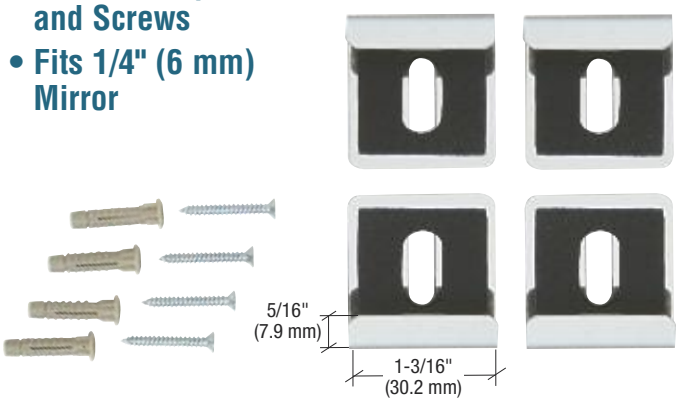
MORE CHOICES crlaurence.com

CAT. NO.	FINISH	APPLICATION	QTY/PACK
778A	Nickel Plated	1/4" (6 mm) Mirror	100
778B	Nickel Plated	5/16" (8 mm) Mirror	100
778C	Nickel Plated	3/8" (10 mm) Mirror	100

Minimum order: 100 each. Can be combined with all other Mirror Clips for quantity pricing.

CRL Quartet Mirror Clip Sets

- **Slotted, Sponge Backing**
- **Includes Clips, Anchors, and Screws**
- **Fits 1/4" (6 mm) Mirror**



CAT. NO.	FINISH	APPLICATION	QTY/SET
3061501	Brite Chrome	1/4" (6 mm) Mirror	4 Clips

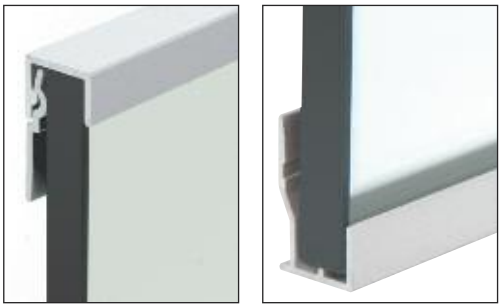
Minimum order: 1 set. Can be combined with all other Mirror Clip Sets for quantity pricing.

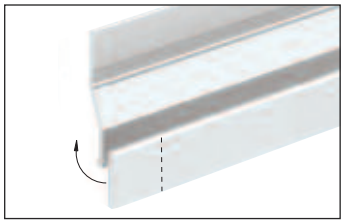
CRL Cleat Mount System for Mirrors

- **Made From Three Easy-to-Use Extrusions**
- **Available in Two Finishes**
- **Neat and Trim in Appearance**

The Cleat Mount System for Mirrors affords the installer a neat, trim way to mount mirrors with a narrow 5/16" (7.9 mm) frame. The unique offset profile of the Cleat, in conjunction with the Top Channel and the FHA J-Channel*, helps keep moisture from being trapped behind the mirror, while also concealing screws and support hardware. 12 foot (3.66 m) stock lengths.

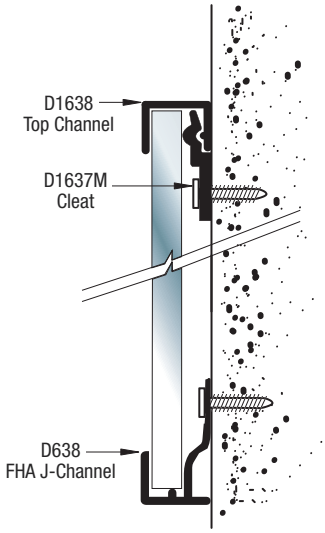
NOTE: Not recommended for schools, hospitals, or institutions where mirror edges should be protected on all four sides (Search D1950 Mirror Frames on **crlaurence.com**.)





Mounting Detail

Closed ends can be created by trimming back a portion of the channel, and bending back the front flaps to close off the ends



MORE INFORMATION crlaurence.com



D1638
Top Channel



D1637M
Cleat



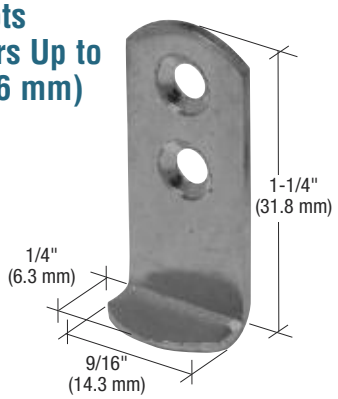
D638
FHA J-Channel

CAT. NO.	DESCRIPTION	FINISH
D638A	FHA J-Channel*	Satin Anodized
D638DU	FHA J-Channel*	Duranodic Bronze
D1637M	Cleat	Mill
D1638A	Top Channel	Satin Anodized
D1638DU	Top Channel	Duranodic Bronze

Minimum order: 1 stock length. All finishes and shapes can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than five combined lengths. Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for U.P.S. A Cutting Charge will apply.
*Meets Federal Housing Authority Specifications.

CRL 1-1/4" Metal L-Clip

- Accepts Mirrors Up to 1/4" (6 mm) Thick

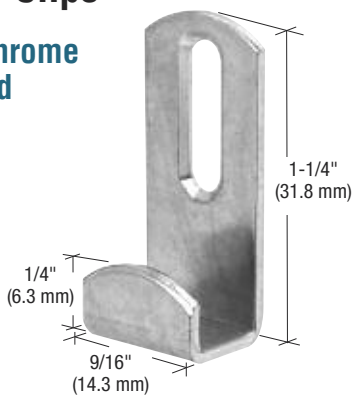


CAT. NO.	FINISH	QTY/PACK
KV306	Anochrome	100

Minimum order: 100 each. Can be combined with all other Mirror Clips for quantity pricing.

CRL Slotted Anochrome Mirror Clips

- Anochrome Plated

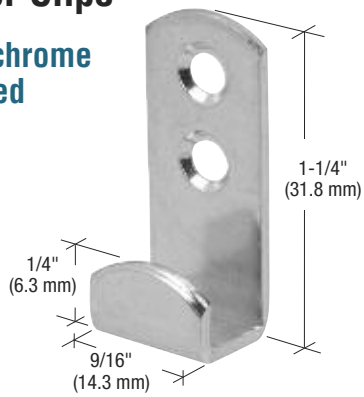


CAT. NO.	CHANNEL SIZE	QTY/PACK
KV318	5/16" (8 mm)	100

Minimum order: 100 each. Can be combined with all other Mirror Clips for quantity pricing.

CRL Standard Anochrome Mirror Clips

- Anochrome Plated

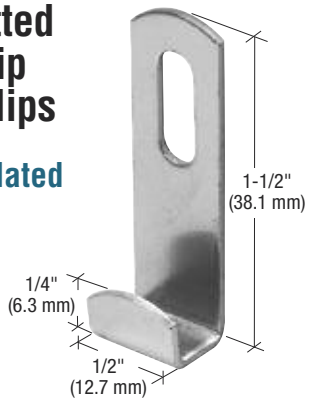


CAT. NO.	CHANNEL SIZE	QTY/PACK
KV309	5/16" (8 mm)	100

Minimum order: 100 each. Can be combined with all other Mirror Clips for quantity pricing.

CRL Slotted Round Lip Mirror Clips

- Nickel Plated Steel

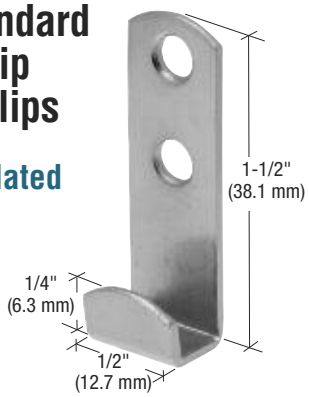


CAT. NO.	CHANNEL SIZE	QTY/PACK
062C14	1/4" (6 mm)	100
062C516	5/16" (8 mm)	100
062C38	3/8" (10 mm)	100

Minimum order: 100 each. Can be combined with all other Mirror Clips for quantity pricing.

CRL Standard Round Lip Mirror Clips

- Nickel Plated Steel

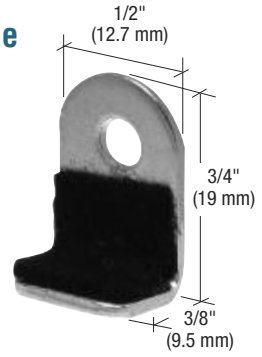


CAT. NO.	CHANNEL SIZE	QTY/PACK
100A14	1/4" (6 mm)	100
100A516	5/16" (8 mm)	100
100A38	3/8" (10 mm)	100
100A12	1/2" (12 mm)	100

Minimum order: 100 each. Can be combined with all other Mirror Clips for quantity pricing.

CRL 3/4" Metal L-Clips With Felt Lining

- 16 Gauge Steel

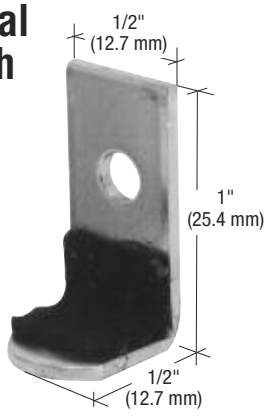


CAT. NO.	FINISH	QTY/PACK
8W	Nickel Plated	100

Minimum order: 100 each. Can be combined with all other Mirror Clips for quantity pricing.

CRL 1" Metal L-Clips With Felt Lining

- 16 Gauge Steel

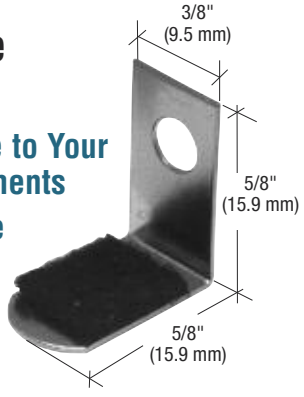


CAT. NO.	FINISH	QTY/PACK
30N	Nickel Plated	100

Minimum order: 100 each. Can be combined with all other Mirror Clips for quantity pricing.

CRL 5/8" Bendable L-Clips

- Bendable to Your Requirements
- 24 Gauge Steel

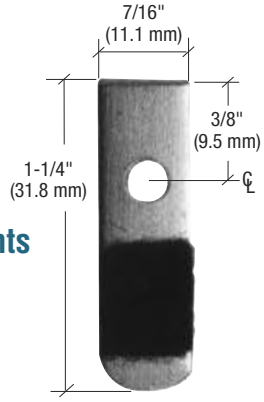


CAT. NO.	FINISH	QTY/PACK
380L	Nickel Plated	100

Minimum order: 100 each. Can be combined with all other Mirror Clips for quantity pricing.

CRL 1-1/4" Bendable Flat Clip

- Bendable to Your Requirements
- 20 Gauge Steel

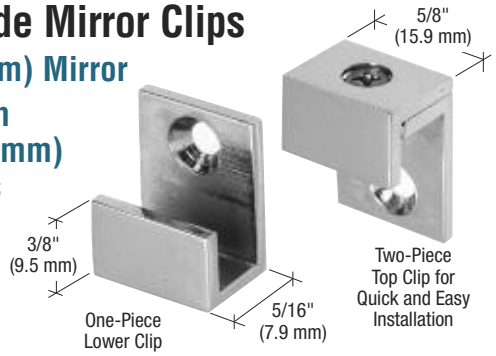


CAT. NO.	FINISH	QTY/PACK
262A	Nickel Plated	100

Minimum order: 100 each. Can be combined with all other Mirror Clips for quantity pricing.

CRL 5/8" Wide Mirror Clips

- For 1/4" (6 mm) Mirror
- Supplied With #6 x 3/4" (19 mm) Wood Screws and Anchors

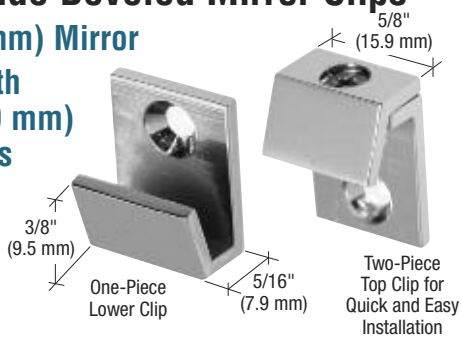


CAT. NO.	FINISH	QTY/SET
MC01BR	Brass	4 Clips
MC01BN	Brushed Nickel	4 Clips
MC01CH	Chrome	4 Clips

Minimum order: 1 each. Can be combined with all other Mirror Clip Sets for quantity pricing.

CRL 5/8" Wide Beveled Mirror Clips

- For 1/4" (6 mm) Mirror
- Supplied With #6 x 3/4" (19 mm) Wood Screws and Anchors

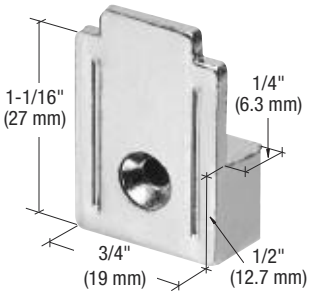


CAT. NO.	FINISH	QTY/SET
MC00BR	Brass	4 Clips
MC00BN	Brushed Nickel	4 Clips
MC00CH	Chrome	4 Clips

Minimum order: 1 each. Can be combined with all other Mirror Clip Sets for quantity pricing.

CRL Polished Chrome Look Metal Mirror Clip

- Attractively Styled Metal Clips
- Easy to Install
- For Use With 1/4" (6 mm) Mirror

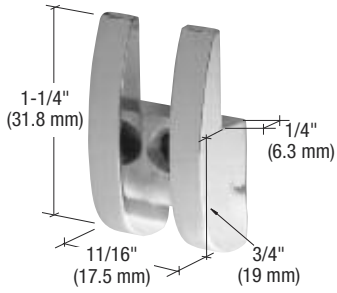


CAT. NO.	FINISH	QTY/PACK
KV266	Polished Chrome	12

Minimum order: 12 each. Can be combined with all other Mirror Clips for quantity pricing.

CRL Polished Chrome Look Metal Mirror Clip

- Attractively Styled Metal Clips
- Easy to Install
- For Use With 1/4" (6 mm) Mirror

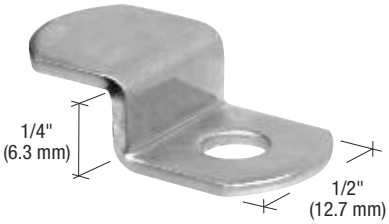


CAT. NO.	FINISH	QTY/PACK
KV268	Polished Chrome	12

Minimum order: 12 each. Can be combined with all other Mirror Clips for quantity pricing.

CRL Offset Mirror Clips for 1/4" Glass

- Offset 1/4" (6.3 mm) Step
- Ideal for Mounting Mirrors Behind Wood Frames or On Doors

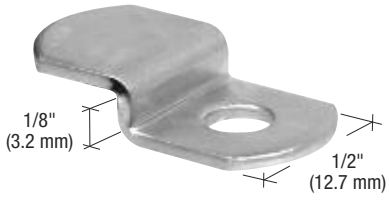


CAT. NO.	FINISH	QTY/PACK
Z44	Zinc Plated	100

Minimum order: 100 each. Can be combined with all other Mirror Clips for quantity pricing.

CRL Offset Mirror Clips for 1/8" Glass

- Offset 1/8" (3.2 mm) Step
- Ideal for Mounting Mirrors Behind Wood Frames or On Doors

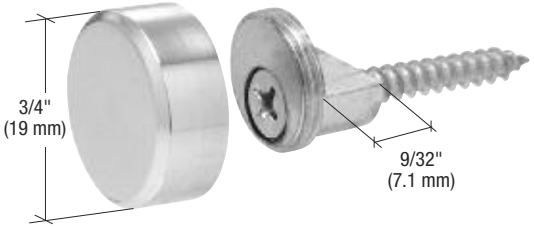


CAT. NO.	FINISH	QTY/PACK
Z45	Zinc Plated	100

Minimum order: 100 each. Can be combined with all other Mirror Clips for quantity pricing.

CRL Round Mirror Clips

- 3/4" (19 mm) Diameter Clips for Use With 1/4" (6 mm) Mirror
- Available in Three Finishes
- Supplied With #8 x 1-1/4" (32 mm) Wood Screws and Anchors



CAT. NO.	FINISH	QTY/SET
MC02BR	Brass	4 Clips
MC02BN	Brushed Nickel	4 Clips
MC02CH	Chrome	4 Clips

Minimum order: 1 set. Can be combined with all other Mirror Clip Sets for quantity pricing.

CRL Clear Plastic Mirror Clips

- **An Industry Favorite Used for Decades**
- **Crystal Clear Clip Comes in Three Sizes**



CAT. NO. 7
1/4" Clip



CAT. NO. 7A
1/8" Clip



CAT. NO. 7B
3/16" Clip

CAT. NO.	CLIP SIZE	QTY/BOX
7	1/4" (6 mm)	100
7A	1/8" (3 mm)	100
7B	3/16" (5 mm)	100

Minimum order: 100 each. Can be combined with all other Mirror Clips for quantity pricing.

CRL Mirror Clip and Screw Sets

- **Our Most Popular Clear Plastic Mirror Clips, and #6 x 1-1/2" (38 mm) Oval Head Screws, Economically Packed in Quantities of 1000 Sets**
- **Available in Two Sizes**



CAT. NO.	CLIP SIZE	QTY/BOX
7WS	1/4" (6 mm)	1000 Sets
7AWS	1/8" (3 mm)	1000 Sets

Minimum order: 1000 each. Can be combined with all other Mirror Clips for quantity pricing.

CRL Clear Plastic Mirror Clips in Display Packs

- **Display on Sales Counter or Hang on Pegboard**
- **Six Clips and Six Screws in Each Blister Card**

MORE INFORMATION crlaurence.com





CAT. NO. GMP000
Counter Top Display Stand
can hold up to 10 Display Packs
(Included with every 10-pack order)



Blister card makes it easy for you to offer these popular Mirror Clips to your customers

CAT. NO.	CLIP SIZE	PACKS/BOX
7P	1/4" (6 mm)	10
7AP	1/8" (3 mm)	10

Minimum order: 1 pack. Sizes can be combined for quantity pricing. Also available in polybag without header cards for bulk use or inclusion in retail packages. Minimum order: 5000 polybag packs.

CRL Mirror Clip, Screw, and Anchor Sets

- **Our Most Popular Clear Plastic Mirror Clips, #6 x 1-1/2" (38 mm) Oval Head Screws, and Anchors Economically Packed in Quantities of 1000 Sets**
- **Available in Two Sizes**



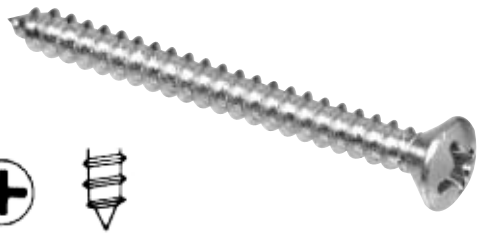
CAT. NO.	CLIP SIZE	QTY/BOX
7WSA	1/4" (6 mm)	1000 Sets
7AWSA	1/8" (3 mm)	1000 Sets

Minimum order: 1000 each. Sizes can be combined for quantity pricing.

CRL Oval Head Phillips Mirror Clip Screws

- **Bright Zinc Finish**

MORE CHOICES crlaurence.com





Oval Phillips Sheet Metal

CAT. NO.	SIZE	QTY/BOX
6X10HPSMS	6 x 1" (25 mm)	100 or 1000
6X1140HPSMS	6 x 1-1/4" (32 mm)	100 or 1000
6X1120HPSMS	6 x 1-1/2" (38 mm)	100 or 1000

Minimum order: 100 each. All screws can be combined for quantity pricing.

CRL Square Beveled Clear Plastic Mirror Clips

- Crystal Clear Clips in Sizes for 1/8" or 1/4" (3 or 6 mm) Mirrors
- Use #6 Oval Head Screws (See Page GG015)





CAT. NO. 803
1/4" Clip



CAT. NO. 803C
1/8" Clip

CAT. NO.	CLIP SIZE	QTY/BOX
803	1/4" (6 mm)	100
803C	1/8" (3 mm)	100

Minimum order: 100 each. Can be combined with all other Mirror Clips for quantity pricing.

CRL Plastic Side Mount Mirror Clips

MORE INFORMATION crlaurence.com

- Stylish and Functional
- Crystal Clear
- Mounts to 3/4" (19 mm) Plywood
- Use #6 Oval Head Screws (See Page GG015)





CAT. NO. 815C
Side Mount Clip



3/8" (10 mm) Overlap to Secure the Panel

CAT. NO.	CLIP SIZE	QTY/BOX
815C	3/8" (10 mm) Lip	100

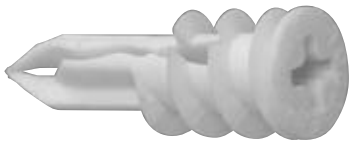
Minimum order: 100 each. Can be combined with all other Mirror Clips for quantity pricing.

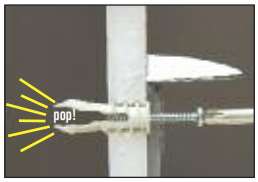
CRL Toggler® SnapSkru® Self-Drilling Drywall Anchors

- Works in 3/8", 1/2" or 5/8" (10, 13 or 16 mm) Thick Drywall
- Audible "Pop" Indicates Correct Install



STEP 1: Place #2 Phillips driver or bit into recess of SnapSkru®





STEP 2: Place fixture into position over SnapSkru®, insert screw and tighten.

CAT. NO.	TYPE	SCREW SIZE
TA3003	SnapSkru® MINI	#6 – 8
TA3003S	SnapSkru® MINI with Screws	#6 x 1-1/4" Pan Head Phillips
TA3001	SnapSkru® Regular	#6 – 10
TA3001S	SnapSkru® Regular with Screws	#8 x 1-1/2" Pan Head Phillips

Minimum order is 100 each. Order in increments of 100. Sizes can be combined for quantity pricing.

Toggler and SnapSkru are registered trademarks of Mechanical Plastics Corp.

CRL Plastic Screw Anchors

- Our Best Selling Plastic Anchors
- Available With or Without Shoulders



With Shoulders

CAT. NO.	DRILL HOLE	SCREW SIZE	QTY/PACK
1329	3/16" (5 mm)	4 – 5 – 6	1000
P1329C	3/16" (5 mm)	4 – 5 – 6	100
1339	1/4" (6 mm)	8 – 10	500
P1339C	1/4" (6 mm)	8 – 10	100

Minimum order: 100 each on packs of 100. 1 pack on Bulk Packs of 500 and 1000.
Sizes can be combined for quantity pricing.



Without Shoulders

CAT. NO.	DRILL HOLE	SCREW SIZE	QTY/PACK
1319	3/16" (5 mm)	4 – 5 – 6	1000
P1319C	3/16" (5 mm)	4 – 5 – 6	100
1349	1/4" (6 mm)	8 – 10	500
P1349C	1/4" (6 mm)	8 – 10	100

Minimum order: 100 each on packs of 100. 1 pack on Bulk Packs of 500 and 1000.
Sizes can be combined for quantity pricing.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL MIRROR ROSETTES

go to:
crlaurence.com/**mirror-rosettes**

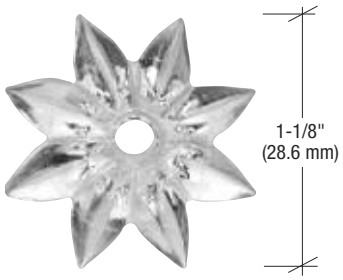
CRL Plastic Rosettes

• Attractive, Designer Quality

• Economical and Durable



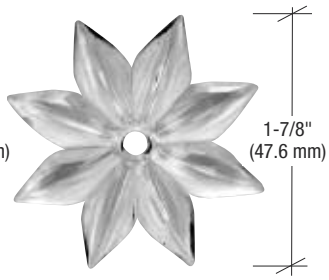
CAT. NO. F120W



CAT. NO. F120



CAT. NO. HB118

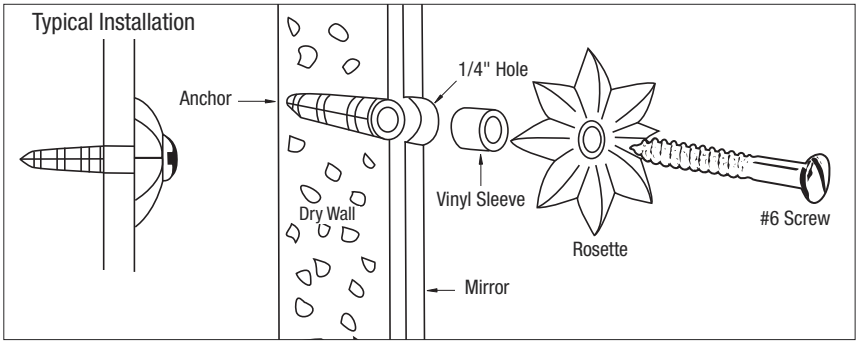


CAT. NO. F200

These sturdy CRL Plastic Rosettes come in four styles and sizes. They add a decorative touch without obscuring areas of the mirror.

CAT. NO.	SIZE AND STYLE	QTY/PKG
F120W	1-1/8" (28.6 mm) White Star	100
F120	1-1/8" (28.6 mm) Clear Star	100
HB118	1-1/8" (28.6 mm) Clear Star	100
F200	1-7/8" (47.6 mm) Clear Star	100

Minimum order: 100 each. Can be combined with all other Mirror Rosettes for quantity pricing.



CRL Oval Head Rosette Screws



Slotted

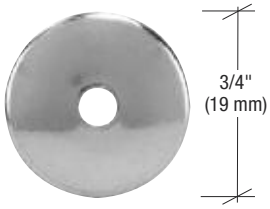
No. 6 Oval Head Nickel Plated Screws fit all Plastic Rosettes above.

CAT. NO.	SIZE	QTY/PKG
6X10HNPWS	#6 x 1" (25.4 mm)	100
6X1140HNPWS	#6 x 1-1/4" (31.8 mm)	100
6X1120HNPWS	#6 x 1-1/2" (38.1 mm)	100

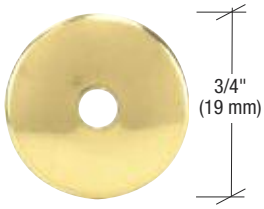
Minimum order: 100 each. All Screws can be combined for quantity pricing.

CRL Metal Rosettes

• Stylish and Functional in a Variety of Finishes



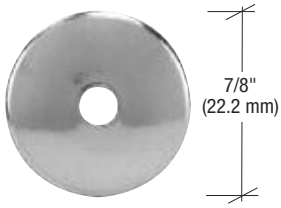
CAT. NO. 683230R



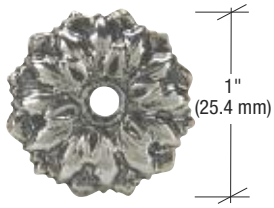
CAT. NO. B683234



CAT. NO. 8983



CAT. NO. 683236R



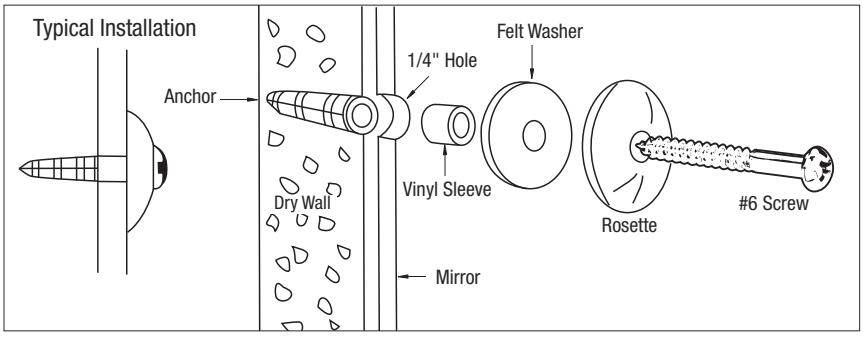
CAT. NO. 8980
Antique Silver (Shown)

CAT. NO. 3011119
Antique Gold

A practical yet decorative way to install mirrors. CRL Metal Rosettes offer a variety of sizes and finishes. Chrome, antique, and brass finish Rosettes accept #6 Round Head Screws (see below).

CAT. NO.	SIZE AND STYLE	QTY/PKG
683230R	3/4" (19 mm) Round Chrome	100
B683234	3/4" (19 mm) Round Brass	100
8983	3/4" (19 mm) Antique Silver Floral	100
683236R	7/8" (22.2 mm) Round Chrome	100
8980	1" (25.4 mm) Antique Silver Floral	100
3011119	1" (25.4 mm) Antique Gold Floral	100

Minimum order: 100 each. Can be combined with all other Mirror Rosettes for quantity pricing.



CRL Round Head Rosette Screws



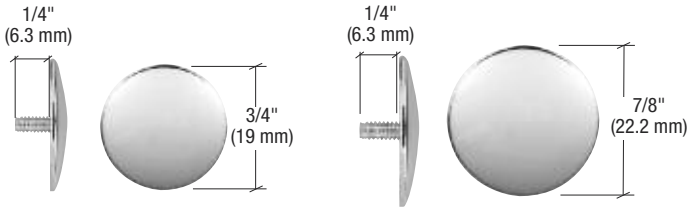
Phillips

No. 6 Round Head Nickel Plated Screws fit all Metal Rosettes above.

CAT. NO.	SIZE	QTY/PKG
6X114RHNPWS	#6 x 1-1/4" (31.8 mm)	100
6X112RHNPWS	#6 x 1-1/2" (38.1 mm)	100

Minimum order: 100 each. All Screws can be combined for quantity pricing.

CRL Threaded Shank Rosettes



- **Highly Polished Chrome Finish**

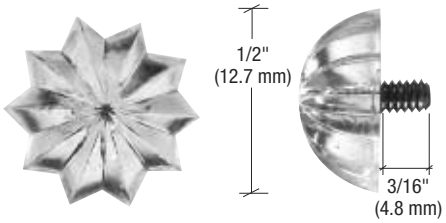
CRL's Threaded Shank Rosettes are a decorative method of installing mirrors. Designed to be used with our #3-48 threaded Tapped Head Wood Screws (see below).

CAT. NO.	FINISH	DIAMETER	QTY/PKG
683330R	Chrome	3/4" (19 mm)	100
683336R	Chrome	7/8" (22.2 mm)	100

Minimum order: 100 each. Can be combined with all other Mirror Rosettes for quantity pricing.

CRL Crystal Clear Plastic Buds

- **Outstanding Clarity**
- **Attractive and Economical**



CRL's Crystal Clear Plastic Buds are designed to be used with our #3-48 threaded Tapped Head Wood Screws (see below). These Clear Plastic Buds are attractive, economical, and can be used for a variety of mirror mounting applications.

CAT. NO.	FINISH	DIAMETER	QTY/PKG
50	Clear	1/2" (12.7 mm)	100

Minimum order: 100 each. Can be combined with all other Mirror Rosettes for quantity pricing.

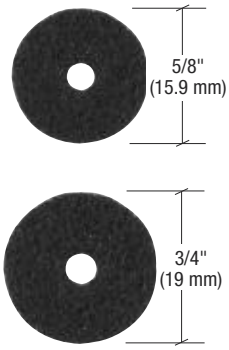
CRL Felt Washers

- **For Use Behind Metal Mirror Rosettes**

CRL 1/16" (1.6 mm) thick Felt Washers are used behind Metal Rosettes to provide protection for the mirror surface. The black color provides low visibility.

CAT. NO.	DIAMETER	QTY/PACK
7358	5/8" (15.9 mm)	100
7334	3/4" (19 mm)	100

Minimum order: 100 each. Sizes can be combined for quantity pricing.



Hole diameter 1/16" (1.6 mm)

CRL Vinyl Protective Sleeves

- **Protects Screw Holes in Mirror From Damage**



CRL Vinyl Sleeves are designed to protect drilled holes in glass and mirror from screw damage. Simply slide the sleeve onto the screw shank to prevent chipping and cracking around the edges of glass. **NOTE:** Screws are sold separately.

CAT. NO.	LENGTH	DIAMETER O.D.	QTY/PKG
1414	1/4" (6.3 mm)	1/4" (6.3 mm)	100

Minimum order: 100 each.

CRL Tapped Head Wood Screws



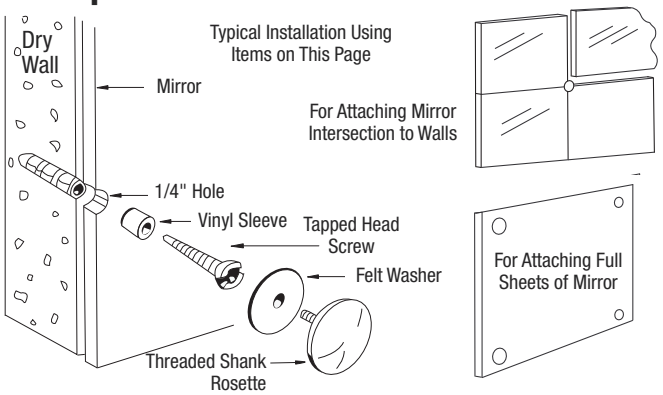
- **Accept Our Threaded Shank Rosettes and Buds**

CRL Tapped Head Wood Screws accept our Clear Plastic Buds and Threaded Shank Rosettes. Install these screws with a slotted screwdriver. Tapped hole is #3-48 machine thread.

CAT. NO.	SIZE
TH34	#8 x 3/4" (19 mm)
TH35	#8 x 1" (25.4 mm)
TH36	#8 x 1-1/4" (31.8 mm)
TH37	#8 x 1-1/2" (38.1 mm)

Minimum order: 100 each. Can be combined with all other Screws for quantity pricing.

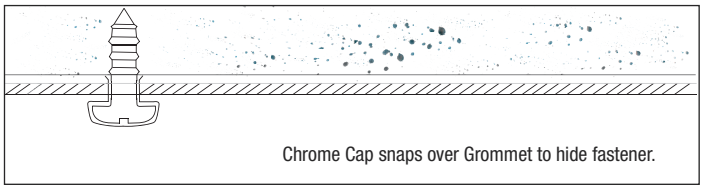
Examples of Use



CRL Mirror Grommets With Chrome Caps

- **Chrome Cap Hides Screw Heads When Hanging Mirrors**





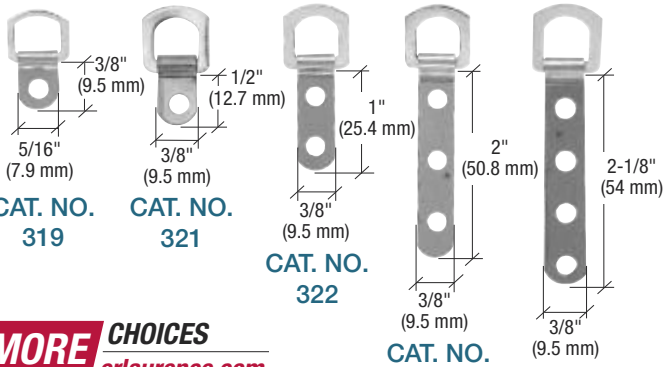
CRL Mirror Grommets With Chrome Caps hold mirrors fastened to substrates in any position – even overhead. The grommet base fits into the drilled 5/16" (8 mm) hole in the mirror, the screw is inserted and tightened into the anchor, and the chrome colored cap is snapped on to finish the job. 100 sets (grommet and cap) per package.

CAT. NO.	CAP DIAMETER	CAP HEIGHT	QTY/PKG
MG40	5/8" (15.9 mm)	1/4" (6.3 mm)	100 Sets

Minimum order: 1 package.

CRL Safety Swivel Metal Hangers

- Solid Seamless Eyelets
- Zinc Plated Steel to Resist Rust



CAT. NO. 319 | CAT. NO. 321 | CAT. NO. 322 | CAT. NO. 323 | CAT. NO. 324

MORE CHOICES crlaurence.com

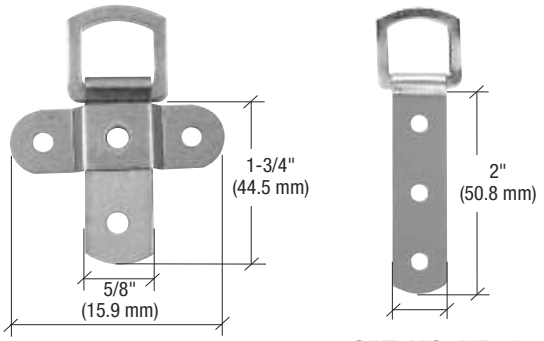
CRL's Safety Swivel Metal Hangers are designed to accommodate a variety of load sizes and capacities. Fabricated with solid seamless eyelets and a zinc on steel finish. Packaged in quantities of 100 and 1000.

CAT. NO.	HANGER TYPE
319	Small Single Hole Strap
321	Large Single Hole Strap
322	2-Hole Strap
323	3-Hole Strap
324	4-Hole Strap

Minimum order: 100 each. Can be combined with all other Metal Hangers for quantity pricing.

CRL Heavy-Duty Swivel Hangers

- Solid Seamless Eyelets
- Zinc Plated Steel to Resist Rust



CAT. NO. HD25
2" (50.8 mm)

CAT. NO. HD29
1/2" (12.7 mm)

These CRL Heavy-Duty Swivel Hangers are available in two styles that will accommodate different load capacities. Fabricated with solid seamless eyelets and plated with zinc on steel finish. Packaged in quantities of 100 and 1000.

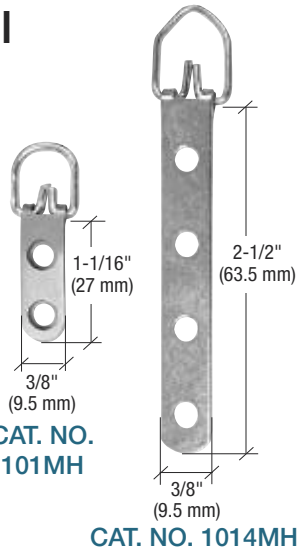
CAT. NO.	HANGER TYPE
HD25	Cross Strap Heavy-Duty
HD29	Single Strap Heavy-Duty

Minimum order: 100 each. Can be combined with all other Metal Hangers for quantity pricing.

CRL Wire Eyelet Swivel Type Hangers

- Wire Eyelet Construction
- Zinc Plated Steel to Resist Rust

These CRL Wire Eyelet Swivel Hangers are available in two sizes to accommodate different load capacities. Both have plated finishes to resist rust and corrosion. Packaged in quantities of 100 and 1000.



CAT. NO. 101MH

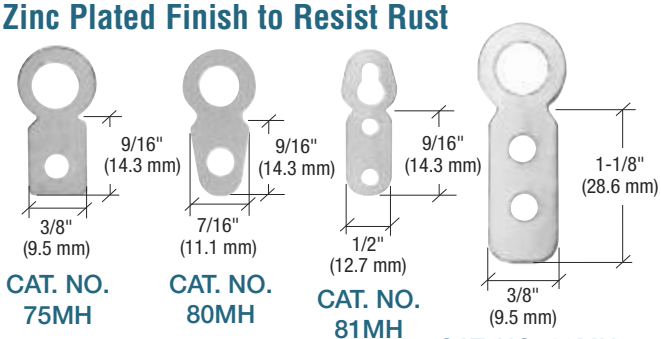
CAT. NO. 1014MH

CAT. NO.	HANGER TYPE
101MH	2-Hole Strap
1014MH	4-Hole Strap

Minimum order: 100 each. Can be combined with all other Metal Hangers for quantity pricing.

CRL Flat Metal Hangers

- One Piece Stamped Steel
- Zinc Plated Finish to Resist Rust



CAT. NO. 75MH | CAT. NO. 80MH | CAT. NO. 81MH | CAT. NO. 83MH

These CRL Flat Metal Hangers are intended to handle a variety of sizes and load capacities. All Hangers have plated finishes to resist rust and corrosion. Packaged in quantities of 100 and 1000.

CAT. NO.	HANGER TYPE
75MH	Small Round Eyelet
80MH	Small Oval Eyelet
81MH	Large Oval Eyelet
83MH	Large Round Eyelet

Minimum order: 100 each. Can be combined with all other Metal Hangers for quantity pricing.

CRL Hanger Wire

- High Quality Braided Steel Wire in Varying Strengths
- Ideal for Hanging Framed Pictures and Mirrors
- Five Pounds of Wire on a Metal Spool for Easy Dispensing



CAT. NO.	SPOOL LENGTH	NO. OF STRANDS	BREAK STRENGTH
PW1	2250' (686 m)	8	34 lbs. (15.4 kg)
PW2	1500' (457 m)	12	51 lbs. (23.1 kg)
PW3	1125' (343 m)	16	68 lbs. (30.8 kg)
PW4	850' (259 m)	20	85 lbs. (38.5 kg)
PW6	625' (190 m)	28	119 lbs. (54 kg)
PW8	500' (152 m)	36	153 lbs. (69.4 kg)
PW822	575' (175 m)	Patented*	100 lbs. (45.3 kg)

Minimum order: 1 roll. All Picture Wire can be combined with for quantity pricing. Heavy wire braid recommended for mirror hanging. *Patent No. 2801565.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

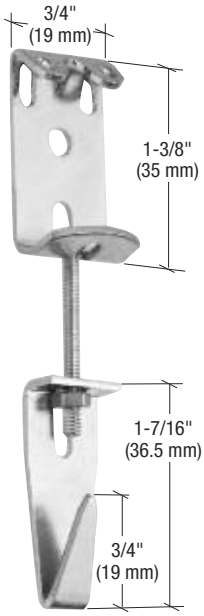
CRL US ALUMINUM

CRL Wireless Hangers

- Can Be Adjusted to Level After Installation



NOTE: "Wireless" Hanger is nailed into the wall



CRL's Wireless Hangers are designed to allow secure hanging of the heaviest mirrors or pictures. The leveling process is easily accomplished after installation with a Phillips screwdriver. Each card includes one pair of hangers and nails for wall mounting.

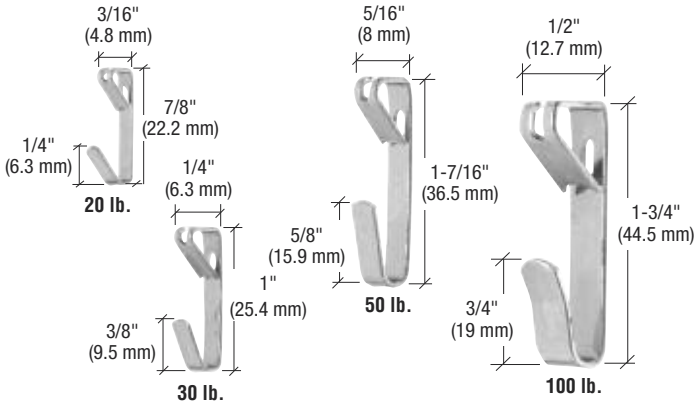
CAT. NO.	DESCRIPTION	QTY/PKG
3010	Carded Wireless Picture Hangers	10 Cards/Box
3010B	Bulk Carded Wireless Picture Hangers	100 Each/Box
U9131PB	Carded Packaged Wireless Picture	1 Pair/Pkg

Minimum order: 1 box of 3010; 100 each of 3010B; 1 package of U9131PB.

CRL Picture Hangers

MORE CHOICES crlaurence.com

- Bulked Packed With Nails



These CRL Picture Hangers are ideal for hanging framed pictures, signs or mirrors weighing up to the specified weight per hanger size. They are packed in bulk boxes including nails. Four different hook sizes are available, which will accommodate weight limitations from 20 to 100 pounds (9 to 45 kg).

CAT. NO.	CAPACITY	QTY/BOX
47976	20 lb. (9 kg)	1000
47977	30 lb. (13.6 kg)	1000
47979	50 lb. (22.7 kg)	1000
47980	100 lb. (45.4 kg)	100

Minimum order: 1 box. All Bulk Picture Hangers can be combined for quantity pricing.

CRL Molly Hooks

- High Quality
- Designed to Hang Framed Paintings



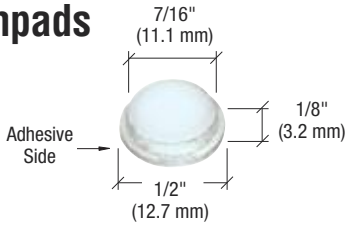
CRL Molly Hooks are typically fastened to walls using #6 screws and anchors (not included). This hook is designed to hang framed paintings, photos, plaques, signs, etc. The zinc plated steel hook is attractive, sturdy, and durable.

CAT. NO.	QTY/PKG
MH58	100

Minimum order: 100 each.

CRL Protective Bumpads

- Available in Three Colors
- Help Keep Pictures Level on Walls



CRL Protective Bumpads can help keep pictures level on a wall. Bumpads are excellent padding and cushioning for stacking glass or metal sheets. To use, simply peel and stick. Bumpads are packaged for economical convenience in packs of 1000, and clear are also available in bulk cartons of 5000.

CONVENIENT PACKS OF 1000 BUMPADS

CAT. NO.	COLOR
BRB1PK	Brown
CB1PK	Clear
WB1PK	White

Minimum order: 1 pack.

ECONOMICAL CARTON OF 5000 CLEAR BUMPADS

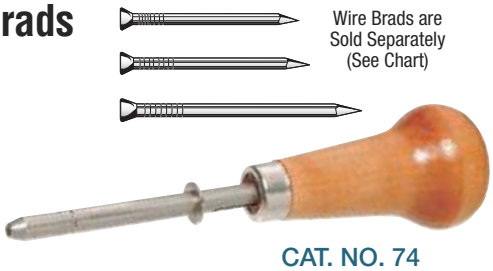
CAT. NO.	COLOR
CB1	Clear

Minimum order: 1 carton.

CRL Brad Pusher and Wire Brads

- Used to Insert Brads Into Wood Frame Molding

The CRL Brad Pusher is used to insert Wire Brads into wood frame molding. Simply position Brad, then push! It is inserted neatly and easily. Can also be used with a hammer for installing Brads into extra hard wood. Minimum order is one each.



Wire Brads are Sold Separately (See Chart)

CAT. NO. 74
Brad Pusher

WIRE BRADS - 1 POUND BOX

CAT. NO.	SIZE
16X1BRAD	#16 x 1" (25.4 mm)
16X112BRAD	#16 x 1-1/2" (38.1 mm)
17X34BRAD	#17 x 3/4" (19 mm)
17X1BRAD	#17 x 1" (25.4 mm)
18X34BRAD	#18 x 3/4" (19 mm)
18X1BRAD	#18 x 1" (25.4 mm)
19X12BRAD	#19 x 1/2" (12.7 mm)
19X34BRAD	#19 x 3/4" (19 mm)

Minimum order: 1 box. All Wire Brads can be combined for quantity pricing.

CRL PD9 Diamond Point Driver

- All Metal Design
- Drives 5/16" Diamond Points
- Adjustable Strike Force

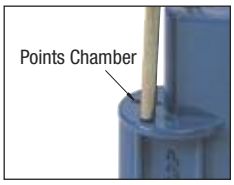
The best and fastest way to glaze wood sash is to start off with a CRL PD9 Diamond Point Driver. Secure the glass in place with CRL No. 1 Diamond Points and warm up the putty. Adjustable strike force allows the user to drive the points deeply enough in hard or soft wood frames to hold the glass with 1/8" (3.2 mm) of exposure over the glass. This low profile is easily covered during putty application.

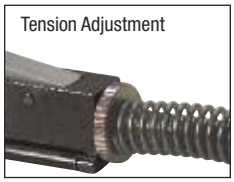
The CRL PD9 is built with small rubber cushions on the base to make sure tool is perfectly angled to properly set the points. Minimum order is one each.



CAT. NO. PD9

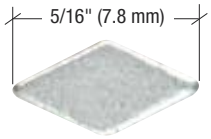
MORE INFORMATION crlaurence.com





CRL No. 1 Diamond Points

- Stacked Points Are Available in Two Package Quantities
- Works With Our PD9 Driver



Our No. 1 size Universal Diamond Points fit into our PD9 Point Driver, and also into older model point drivers. Stacked points slide into the magazine for quick and easy reloading. Get them in packs of 5,000 each or in bulk boxes of 45,000 containing nine packs.

CAT. NO.	DESCRIPTION	TOTAL POINTS
NW1P	Package of 5/16" (7.8 mm) Diamond Points	5,000
1P	Package of 5/16" (7.8 mm) Diamond Points	5,000
1B	Box (9 Packages) of 5/16" (7.8 mm) Diamond Points	45,000

Minimum order: 1 package or 1 box. All Glazing Points can be combined for quality pricing except for 1B and 2B Bulk Points.

CRL Fletcher® FrameMaster® Point Driver

- Quick Loading Reversible Point Magazine
- Uses Either Framer's or Glazier's Points
- Adjustable Strike Force

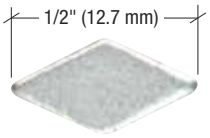


CAT. NO. FM075

Drive home Glazier's and Framer's Points with the CRL Fletcher® FrameMaster® Point Driver. It reliably drives wax-free stacked points straight and flat to the surface, one at a time, without double feeding or jamming. Easy to load, it holds 100 points at a time. Unique design features a reversible magazine with a short nose for 3/8" (9.5 mm) Glazier's Points, or a long nose for the longer 5/8" (16 mm) Framer's Points. Minimum order is one each.

Fletcher and FrameMaster are registered trademarks of The Fletcher-Terry Company, LLC.

CRL Points for Older Point Drivers and Manual Tools



Diamond Points



Triangle Points

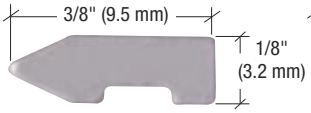
We stock Diamond and Triangle Points for older model CRL and Fletcher brand Point Drivers. Stacked Diamond Points come in packs of 4,000 each or in boxes of 36,000 containing nine packs. **NOTE:** Triangle Points are not stacked, but shipped in bulk.

CAT. NO.	DESCRIPTION	SIZE	TOTAL POINTS
NW2P	Package of Stacked Diamond Points	1/2" (12.7 mm)	4,000
2P	Package of Stacked Diamond Points	1/2" (12.7 mm)	4,000
2B	Box (9 Packages) of Stacked Diamond Points	1/2" (12.7 mm)	36,000
NW5P	Package of Stacked No. 5 Triangle Points	3/8" (9.5 mm)	2,700
TP2	Bulk No. 2 Triangle Points Non-Stacked	1/2" (12.7 mm)	1 lb. (.45 kg)
TP3	Bulk No. 3 Triangle Points Non-Stacked	7/16" (11.1 mm)	1 lb. (.45 kg)

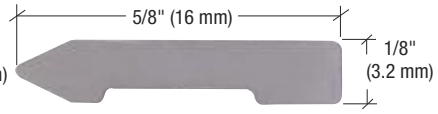
Minimum order: 1 package or 1 box. All Glazing Points can be combined for quality pricing except for 1B and 2B Bulk Points.

CRL Fletcher® FrameMaster® Points

- Exclusively for the FrameMaster® Point Driver
- Wax-Free for a Strong Hold



Glazier's Point



Framer's Point

CAT. NO.	DESCRIPTION	QTY/PK
FT898	3/8" (9.5 mm) Glazier's Points	5,000
FT895	5/8" (16 mm) Framer's Points	3,000

Minimum order: 1 package. All Glazing Points can be combined for quality pricing, except for 1B and 2B Bulk Points.

CRL Easy Push Points

- Our Most Popular Push Points
- Packaged in Convenient Display Boxes for Over-the-Counter Sales
- Also Available in Bulk One Pound Containers

CRL Push Points install without the use of special tools, making them a favorite of glaziers and consumers. Just push them into place with a putty knife, chisel or slotted screwdriver. Use Push Points for wood sash glazing, picture frames, mirror frames, and more. They are zinc coated to resist corrosion, and available in two types of packaging; retail counter display containing twelve small packages, and one pound bulk containers for professional use.

NOTE: Cat. No. 30 Points consist of one retail display with 12 small packages containing approximately 50 push points (600 points total). One Cat. No. 31B bulk container holds approximately 1500 points.



CAT. NO. 30
Retail Display Push Points

CAT. NO. 31B
Bulk Push Points

CAT. NO.	PACKAGING
30	Retail Display of 12 Packages
31B	One Pound Bulk Container

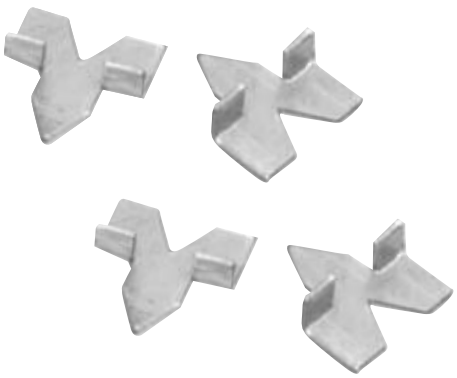
Minimum order: 1 each. All Glazing Points can be combined for quantity pricing.

CRL Easy Push Points

- Packaged in Attractive Blister Cards for Retail Display

MORE CHOICES crlaurence.com

Popular CRL Easy Push Points are available on attractive blister cards for retail display. Use them for fast, easy glazing of wood sash, picture frames, and more. Packaged for pegboard or wire rack display. Approximately 50 Push Points per card.





CAT. NO.	PACKAGING
30C	12 blister cards per carton

Minimum order: 1 carton. All Glazing Points can be combined for quantity pricing.

CRL Fletcher® PushMate™

- Perfect Choice for Inserting Push Points, Triangle Points, and Diamond Points Into Wood Frames and Window Sash



The CRL Fletcher® Point Tool is a high quality finishing tool that is the perfect choice for inserting Push Points, Triangle Points, and Diamond Points into wood frames and window sash. It has a rubberized raised grip that provides added comfort and helps prevent damage to the mat board and other backing material. Minimum order is one each.

CAT. NO. 09515

CRL Fletcher® PullMate™ Point Removing Tool

- Removes Fletcher® FrameMaster® Points From Wood Frames



The CRL Fletcher® PullMate™ Point Removing Tool is a high-quality finishing tool specifically designed to remove Fletcher® FrameMaster® Points from wood frames. It has a rubberized raised grip that provides added comfort and helps protect framing materials. Minimum order is one each.

CAT. NO. 09517

Fletcher and FrameMaster are registered trademarks of The Fletcher-Terry Company, LLC.

CRL Suction Cup Hooks and Clamps

- Made of Crystal Clear Vinyl
- Metal Hook Will Not Rust



CRL Vinyl Suction Cups contain UV stabilizers that protect the cup from yellowing in the sun. Cups generally adhere to smooth, non-porous surfaces with little effort. Designed to hold signs, crafts, thermometers,and so on. All sizes come 25 to a package. Minimum order is one package. Visit **crlaurence.com/framing-supplies** for our complete selection of Suction Cups.

Mini Suction Cups With Metal Hooks

- 3/4" (19 mm) Diameter



Will hold 1/2 pound (.22 kg) of weight. Perfect for hanging small signs in windows. Minimum order is one package.

CAT. NO. ASC34HK

Small Suction Cups With Metal Hooks

- 1-1/8" (28.6 mm) Diameter



Designed for small ornaments or signs, these clear vinyl cups can hold up to 1 pound (.45 kg) safely. Minimum order is one package.

CAT. NO. ASC118HK

Large Suction Cups With Metal Hooks

- 2-1/2" (63.5 mm) Diameter



This cup will carry seven to ten pounds (3.2 to 4.5 kg) of weight. Minimum order is one package.

CAT. NO. ASC212HK

Medium Suction Cups With Studs and Knurled Nuts

- 1-3/4" (44.5 mm) Diameter



The diameter of these medium-sized cups allow for holding power up to 3 pounds (1.4 kg). No. 8-32 threaded nut secures hanging items. Minimum order is one package.

CAT. NO. ASC134N

CRL Craftsman Knife

- Indispensable Tool for Framing
- Comes With Five Extra Blades



Craftsman, artists, technicians, and all others who require small precision cuts will find this strong all aluminum knife easy to work with. Use for scribing, etching, cutting stencils, layout and paste up work, hobby cutting, and a lot of other intricate work. Minimum order is one each.

CAT. NO. 450001

CRL Craftsman Replacement Blades

- Available in Bulk or Carded



CRL Craftsman Replacement Blades are used with the Cat. No. 450001 CRL Craftsman Knife.

CAT. NO.	DESCRIPTION
45111P	100 Blade Box
45111C	5 Blade Pack

Minimum order: 1 box on the 45111P and 1 pack on the 45111C.

CRL Heavy-Duty Razor Blades

- For Use in Mat Cutters



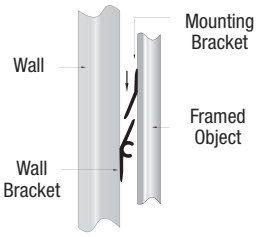
Use our CRL Heavy-Duty Razor Blades primarily for cutting matboard. They are more rigid than our regular razor blades because of their .012" thick steel construction and no side notches. Their extra rigidity also makes them great for really tough scraping jobs. Packed 100 per box. Minimum order is one hundred each.

CAT. NO. KKB12

CRL Hangman® Mirror and Picture Hanging System

- Easy-to-Install System is Perfectly Level Every Time
- Available in Four Sizes
- Supports Up to 300 Pounds (136 kg)
- Interlocking Design Assures Mounting Stability
- Lets You Adjust Item Right or Left
- Ideal for Mounting Mirrors, Pictures, and Other Wall Décor





The CRL Hangman® Mirror and Picture Hanging System features a removable bubble level that enables you to quickly and easily hang framed mirrors, pictures, and wall décor perfectly level each and every time.

The CRL Hangman® System is available in four different size widths and weight capacities: the 6" (152 mm) width holds up to 75 pounds (34 kg), the 10" (254 mm) width holds up to 100 pounds (45 kg), the 18" (457 mm) width holds up to 200 pounds (90 kg), and the 30" (762 mm) width holds up to 300 pounds (136 kg).

The Hangman® System comes complete with a removable bubble level and all the hardware (pan head phillips sheet metal screws and plastic anchors) needed for wall installations. The brackets are heavy-duty aluminum, and have mounting holes punched every 4" (101.6 mm) on center.

CAT. NO.	SIZES	RATED FOR	QTY/BOX
HP6	6" (152 mm)	Up to 75 lbs. (34 kg)	6
HP10	10" (254 mm)	Up to 100 lbs. (45 kg)	6
HP18	18" (457 mm)	Up to 200 lbs. (90 kg)	6
HP30	30" (762 mm)	Up to 300 lbs. (136 kg)	6

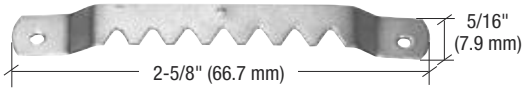
Minimum order: 1 each. Sizes can be combined for quantity pricing.

CRL Steel Sawtooth Hangers

- Heavy-Duty Hangers Are Available With or Without Nails



CAT. NO. STH3
3-Notch Hanger



CAT. NO. STH7
7-Notch Hanger





These CRL Steel Sawtooth Hangers are available in both three and seven notch configurations. They are extremely popular for hanging picture frames, plaques, mirror frames and other wall-mounted décor. Hangers are very easy to install, simply nail them in place, and then hang the item.

You can order them in bulk, with or without Flat Head Nails; or in individual poly bags containing one Hanger and two Nails (to include in retail frame kits).

HANGERS WITH TWO NAILS EACH

CAT. NO.	NOTCHES	MINIMUM ORDER
STH3	3	100 Each
STH7	7	100 Each

BULK HANGERS WITHOUT NAILS

CAT. NO.	NOTCHES	MINIMUM ORDER
STH3BULK	3	1000 Each
STH7BULK	7	1000 Each

ONE HANGER WITH TWO NAILS PER BAG

CAT. NO.	NOTCHES	MINIMUM ORDER
STH7PACK1	7	100 Pack

FLAT HEAD NAILS

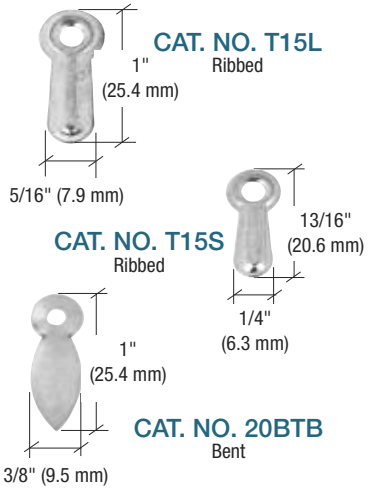
CAT. NO.	SIZE	UNIT/PKG
FH38	#18 x 3/8" (9.5 mm)	2000

Minimum order: 1 package.

CRL Turn Buttons

- Perfect for Holding Items in Picture Frames

These CRL Turn Buttons are a very popular method of retaining materials in a picture frame. Simply tack the buttons to the rear of the frame moldings and turn into place.

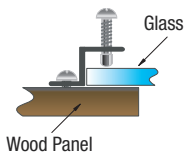


CAT. NO.	SIZE
T15L	1" (25.4 mm) Ribbed
T15S	13/16" (20.6 mm) Ribbed
20BTB	1" (25.4 mm) Bent

Minimum order: 100 each. All Turn Buttons can be combined for quantity pricing.

CRL Glass Retainer Clip

- Secures Glass Panels in Wood Frame Doors
- Protective Plastic Tip Included



CRL's Glass Retainer Clip firmly holds glass panels in wood frame doors. The thumbscrew adjusts to various door and glass thicknesses and allows quick removal for cleaning. Simply surface mount on the inside of the door. The black clip includes a mounting screw and a protective plastic tip.



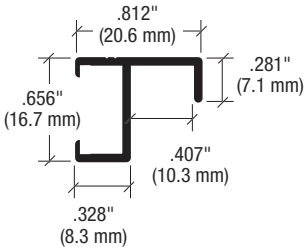
CAT. NO.	FINISH
GRC8351	Black

Minimum order: 100 each.

Hangman is a registered trademark of Hangman Products, Inc.

CRL Aluminum Picture Frame Molding

- Easily Fabricated to Produce Beautiful Frames
- Available in Three Attractive Finishes
- Two Hanging Options







You can custom make modern frames of any size from stock with this slim profile CRL Aluminum Picture Frame Molding. Made of extruded aluminum, it comes in three beautiful finishes: brite aluminum, brite gold, and glossy black.

Easy to fabricate and assemble. Simply miter cut the extrusions, insert and tighten the Corner Set. The Spring Clips hold your picture in place in the frame by applying pressure between the frame and the picture. Finally, use either the Hanger Set or Hanger Cleat to suspend the frame on the wall. It's all very quick and easy.

CAT. NO.	FINISH	STOCK LENGTH
4410BA	Brite Aluminum	12' (3.66 m)
4410BG	Brite Gold	12' (3.66 m)
4410BL	Glossy Black	12' (3.66 m)

Minimum order: 1 stock length. All finishes can be combined for quantity pricing. A Packing Charge will be added to order of fewer than 10 combined lengths. Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for UPS. A Cutting Charge will apply.

CRL Corner Set for Aluminum Frame Molding

- Holds Mitered Corner Together Firmly

The CRL Corner Set is an exclusive set of two plates: one is threaded for screws that apply pressure to the second plate to hold the corner square and secure.





CAT. NO. 4443C
Minimum order: 20 each

CRL Spring Clips for Aluminum Frame Molding

- Holds Framed Object Snugly Against Frame Molding

CRL Spring Clips are designed to hold the framed object snugly against the front lip of the Aluminum Frame Molding.





CAT. NO. 4443S
Minimum order: 100 each

CRL Hanger Set for Aluminum Frame Molding

- Easy to Install Hanger Includes Set Screw

The CRL Hanger Set slides into the back channel on the Aluminum Frame Molding and locks in place with a set screw. Used to hang the fabricated frames to the wall. Consists of a stamped hanger and set screw.



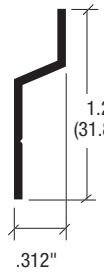


CAT. NO. 4443H
Minimum order: 100 each

CRL Frame Hanging Cleat

- Attaches to Wall Studs for Secure Install

Used as an alternative to the Hanger Set, CRL Frame Hanging Cleat has a unique "stepped" profile that holds a frame away from direct contact with the wall surface. The shape of the Cleat locks right into the back channel on the Aluminum Frame Molding. 12 foot (3.66 m) stock lengths.





CAT. NO. MFHC144

Minimum order: 1 stock length. A Packing Charge will be added to order of fewer than 10 combined lengths. Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for UPS. A Cutting Charge will apply.

CRL Decorative Aluminum Mirror Frames

- **Designed for 3/16" to 1/4" (5 to 6 mm) Mirror**
- **Several Popular Architectural Finishes to Complement Bath Fixtures**



CRL Decorative Aluminum Mirror Frames are an excellent way to add profits to your bottom line. Available in the most popular architectural finishes: Brite Anodized, Brite Gold Anodized, Brushed Nickel, Oil Rubbed Bronze, Satin Chrome, and White.

These Aluminum Framed Mirrors are easy to fabricate. Simply miter cut the Frame extrusion, connect the Extrusion with four Corner Brackets and Screws, attach the Hanger Cleat to the wall studs for a secure installation, and hang your mirror.

NOTE: Maximum mirror weight should not exceed 35 pounds (15.9 kg). For heavier mirrors a bottom support is required.

CRL Custom Fabricated Decorative Aluminum Mirror Frames

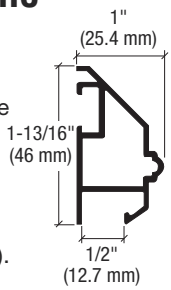


- **Save Time, Let CRL Custom Fabricate Decorative Mirror Frames to Your Specifications**
- **You Just Add Your Mirror and Hang**
- **Frames Can Ship K.D. Via UPS**

For additional information, contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7720. You can also e-mail us through our web site at **crlaurence.com/support**.

CRL Victorian Mirror Frame Extrusion





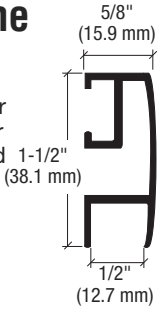
CRL Victorian Mirror Frames give a vintage look to the framed mirror. The Hanger Cleat and Corners are sold separately (see page bottom).

12' (3.66 M) STOCK LENGTHS 10/CASE

CAT. NO.	FINISH
VF144BA	Brite Anodized
VF144BGA	Brite Gold Anodized
VF144BN	Brushed Nickel
VF1440RB	Oil Rubbed Bronze
VF144SC	Satin Chrome
VF144W	White

CRL Rectangular Mirror Frame Extrusion





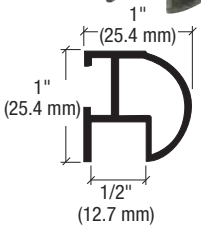
CRL Rectangular Mirror Frames offer a traditional framed look to any mirror. The Hanger Cleat and Corners are sold separately (see page bottom).

12' (3.66 M) STOCK LENGTHS 10/CASE

CAT. NO.	FINISH
RF144BA	Brite Anodized
RF144BGA	Brite Gold Anodized
RF144BN	Brushed Nickel
RF1440RB	Oil Rubbed Bronze
RF144SC	Satin Chrome
RF144W	White

CRL Bull Nose Mirror Frame Extrusion





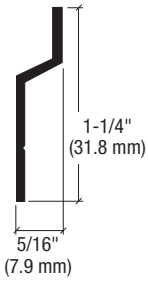
CRL Bull Nose Mirror Frames offer a full rounded look to the framed mirror. The Hanger Cleat and Corners are sold separately (see page bottom).

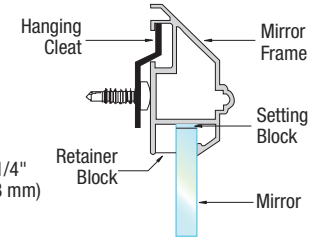
12' (3.66 M) STOCK LENGTHS 10/CASE

CAT. NO.	FINISH
BF144BA	Brite Anodized
BF144BGA	Brite Gold Anodized
BF144BN	Brushed Nickel
BF1440RB	Oil Rubbed Bronze
BF144SC	Satin Chrome
BF144W	White

CRL Frame Hanging Cleat

- **Attaches to Wall Studs for Secure Installation of Decorative Aluminum Mirror Frames**





Cross Section

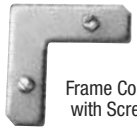


CAT. NO. MFHC144

This CRL Frame Hanging Cleat has a unique "stepped" profile that holds a mirror away from direct contact with the wall surface. 12 foot (3.66 m) stock lengths.

CRL Decorative Mirror Frame Hardware Pack

- **Corners to Join Decorative Aluminum Mirror Frame Sections**
- **Complete With Screws and Glass Blocks**



Frame Corner with Screws



Retainer Blocks



Setting Blocks

This Hardware Pack for CRL Decorative Mirror Frame works with all three profiles.

Each package contains four Corner Brackets, eight Screws, eight Retainer Blocks that go behind the mirror to snug it into the frame, and eight Setting Blocks that go along the edge of the mirror in the frame channel.

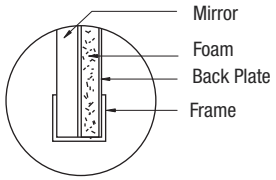


CAT. NO. DMF144H
Minimum order: 1 pack.

Minimum order: 1 stock length. All finishes and shapes can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than 10 combined lengths. Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for U.P.S. A Cutting Charge will apply.

CRL Standard Channel Stainless Steel Theft-Proof Framed Mirrors

- Internal Locking System to Deter Theft
- Glazed With High Quality Float Glass Mirror
- Bright Polished Frame





Mirror Included

CRL Standard Channel Stainless Steel Theft-Proof Framed Mirrors are fabricated from high quality float glass and surrounded by a 22 gauge bright polished 1/2" x 1/2" (12.7 x 12.7 mm) stainless steel frame. Applicable hardware furnished with the mirror complements the internal locking system, making it virtually theft-proof. Individually boxed and easy to install. Shelf available on special order.

CAT. NO.	WIDTH	HEIGHT
1001620	16-1/4" (413 mm)	20-1/4" (514 mm)
1001624	16-1/4" (413 mm)	24-1/4" (616 mm)
1001824	18-1/4" (464 mm)	24-1/4" (616 mm)
1001830	18-1/4" (464 mm)	30-1/4" (768 mm)
1001836	18-3/4" (476 mm)	36-3/4" (933 mm)
1002430	24-3/4" (629 mm)	30-3/4" (781 mm)
1002436	24-3/4" (629 mm)	36-3/4" (933 mm)

Minimum order: 1 each. All Stainless Steel Framed Mirrors can be combined for quantity pricing.

CRL Frameless Stainless Steel Mirror

- Non-Breakable, Highly Polished Stainless Steel Mirror

MORE INFORMATION crlaurence.com





Hemmed Edge Conceals Polystyrene Backing

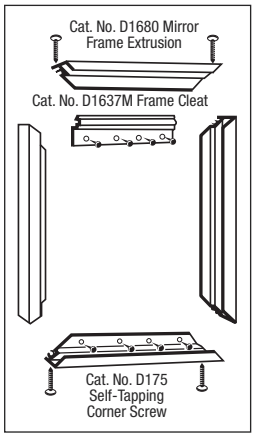
This CRL Frameless Stainless Steel Mirror is non-breakable due to its all 18 gauge stainless steel construction. The mirror is fabricated with a 1/4" (6 mm) hemmed edge that conceals the durable polystyrene backing. This is an ideal product for institutional use. Furnished with mounting screws.

CAT. NO.	WIDTH	HEIGHT
5301824	18" (457 mm)	24" (610 mm)

Minimum order: 1 each. All Stainless Steel Framed Mirrors can be combined for quantity pricing.

CRL "Make It Yourself" Mirror Frame Extrusions

- Fabricate Custom Frames From Stock Extrusions
- Available in Four Finishes





CAT. NO. D1680A



CAT. NO. D1637M

Fabrication consists of simply miter cutting the frame, drilling a 1/8" (3.2 mm) hole, and screwing the frame together using Cat. No. D175 Corner Screws. Stock lengths are 12' (3.66 m).

CAT. NO.	DESCRIPTION	FINISH
D1680A	Frame Extrusion	Satin Anodized
D1680BA	Frame Extrusion	Brite Anodized
D1680DU	Frame Extrusion	Duranodic Bronze
D1680GA	Frame Extrusion	Gold Anodized
D1637M	Frame Cleat	Mill
D175#	Corner Screws	Zinc

Minimum order: 1 stock length. All finishes and shapes can be combined for quantity pricing. A packing charge will be added to orders of fewer than 10 combined lengths. Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for UPS. A Cutting Charge will apply. #Minimum order for Corner Screws: 100 each.

CRL Stainless Steel Theft-Proof Mirror Frames

- 18 Gauge Stainless Steel One-Piece Construction
- New Precision Latching Mechanism for Simplified, Theft-Proof Installation



Mirror NOT Included

Our most popular Stainless Steel Theft-Proof Mirror Frame sizes are available from stock. Other sizes not shown can be custom made to your specifications.

CAT. NO.	WIDTH	HEIGHT
TPM1620	16" (406 mm)	20" (508 mm)
TPM1622	16" (406 mm)	22" (559 mm)
TPM1624	16" (406 mm)	24" (610 mm)
TPM1824	18" (457 mm)	24" (610 mm)
TPM2424	24" (610 mm)	24" (610 mm)
TPM2430	24" (610 mm)	30" (762 mm)
TPM2436	24" (610 mm)	36" (914 mm)

Minimum order: 1 each. All Stainless Steel Theft-Proof Mirror Frames can be combined for quantity pricing.

CRL Adjustable "Tilt" Stainless Steel Framed Mirror

- Fully Adjustable for Use By the Disabled
- Tilts Up to 7" (177.8 mm) From Wall
- Glazed With High Quality Float Glass Mirror
- Custom Sizes Available

MORE INFORMATION crlaurence.com



Mirror Included

CRL's Adjustable "Tilt" Stainless Steel Framed Mirror provides full visibility for the disabled due to the 7" (177.8 mm) adjustment feature. Two elbow hinges allow the top to tilt while the bottom of the Mirror mounts to the wall with a stainless steel continuous hinge. Constructed from high quality float glass and a 1/2" x 1/2" (12.7 x 12.7 mm) stainless steel frame. Maximum frame size available on special order is 24" x 36" (610 x 914 mm).

CAT. NO.	WIDTH	HEIGHT
190T1624	16-1/4" (413 mm)	24-1/4" (616 mm)
190T1824	18-1/4" (464 mm)	24-1/4" (616 mm)

Minimum order: 1 each. All Stainless Steel Framed Mirrors can be combined for quantity pricing. Must ship common carrier.

CRL Fixed "Tilt" Stainless Steel Framed Mirror

- Full Visibility Available for the Disabled
- Tilt Angle is Permanently Fixed
- Glazed With High Quality Float Glass Mirror

MORE CHOICES crlaurence.com



Mirror Included

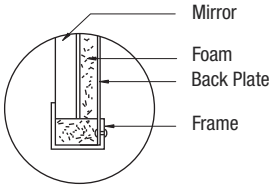
CRL Fixed "Tilt" Stainless Steel Mirrors have excellent visibility for the disabled. The Type 304 stainless steel frame is mitered with care, welded, and polished to a #4 satin finish. The Mirror extends 4" (101.6 mm) out from the top and tapers to 1" (25.4 mm) at the bottom. Individually boxed and easy to install.

CAT. NO.	WIDTH	HEIGHT
9901824	18-1/4" (464 mm)	24-1/4" (616 mm)

Minimum order: 1 each. All Stainless Steel Framed Mirrors can be combined for quantity pricing. Must ship common carrier.

CRL Deluxe Stainless Steel Theft-Proof Framed Mirrors

- Frame is Mitered, Welded, and Polished
- Glazed With High Quality Float Glass Mirror





Mirror Included

CRL's Deluxe Stainless Steel Theft-Proof Framed Mirrors are fabricated from high quality float glass and enclosed by a beautifully mitered, welded, and polished 18 gauge Type 304 stainless steel frame. The frame measures 3/4" x 3/4" (19 x 19 mm). An internal locking system prevents theft. Individually boxed and easy to install. Shelf available on special order.

CAT. NO.	WIDTH	HEIGHT
9001824	18-7/8" (479 mm)	24-7/8" (632 mm)
9001830	18-7/8" (479 mm)	30-7/8" (784 mm)
9001836	18-3/4" (476 mm)	36-3/4" (933 mm)
9002436	24-3/4" (628 mm)	36-3/4" (933 mm)

Minimum order: 1 each. All Stainless Steel Framed Mirrors can be combined for quantity pricing.

CRL 15" x 15" Frameless Pivot Mirrors

MORE INFORMATION
crlaurence.com

- **Typical Applications Include Hotel Rooms, Retail Dressing Rooms,and Guest Bathrooms**

Easy to install, extremely attractive, and functional, CRL's 15" x 15" (381 x 381 mm) Frameless Pivot Mirror is ideal for hotel, retail dressing room or guest bath applications. The 3/16" (5 mm) thick mirror has rounded pencil polished edges and is safely and securely attached to the all-metal back finished to match the pivot arms and mounting hardware. Folds flat against the wall when not in use. Choose from two decorator finishes. Custom mirror shapes and metal finishes are available upon request.

CAT. NO.	FINISH
FPM1515CH	Chrome
FPM1515BN	Brushed Nickel

Minimum order: 1 each. All Frameless Pivot Mirrors can be combined for quantity pricing.



Overall Mirror Dimensions:
15" x 15" (381 x 381 mm)
Net Weight: 29 lbs. (13 kg)

CRL 15" x 23" Frameless Pivot Mirrors

- **Ideal Size for Bath or Dressing Rooms**
- **Folds Flat Against Wall When Not In Use**
- **Two Designer Finishes**

CRL's Frameless Pivot Mirror is the perfect complement to any master bath or dressing room. This uniquely designed mirror pivots to provide a surround view, and folds flat against the wall when not in use. When pivot arms are fully extended the mirror is 15-1/2" (394 mm) out from the wall surface, providing ample room for adjustment to any viewing angle. The mounting brackets can be easily installed into wall studs, which provides the greatest stability. CRL's Frameless Pivot Mirror will afford years of enjoyable and reliable service.

CAT. NO.	FINISH
FPM1523CH	Chrome
FPM1523BN	Brushed Nickel

Minimum order: 1 each. All Frameless Pivot Mirrors can be combined for quantity pricing.



Overall Mirror Dimensions:
15" x 23" (381 x 584 mm)
Net Weight: 34 lbs. (15 kg)

CRL Pivot-N-Vue Double Hinged Mirrors

- **Pivots Out and Stays in Place for Hands-Free Viewing**
- **Comes Complete with Glass Mirror**
- **Brushed Nickel or Polished Chrome Finishes in Two Sizes**

CRL Pivot-N-Vue Double-Hinged Mirrors are perfect for installations in residential and hotel bathrooms or retail store dressing rooms. It is almost infinitely adjustable, and provides the user with full back and side views, leaving hands free for hair styling.

Pivot-N-View Mirrors are designed for installation on a sidewall within 18" (457 mm) or less from the existing mirror.

All frames are formed of tubular steel with silver brazed joints, and can be mounted on the right or left hand wall by simply reversing the hinges. The mirror arms extend a full 10" (254 mm) from the wall.

CAT. NO.	FINISH	SIZE (W X H)
PV11CH	Polished Chrome	11" x 11" (279 x 279 mm)
PV11BN	Brushed Nickel	11" x 11" (279 x 279 mm)
PV14CH	Polished Chrome	14" x 22" (355 x 558 mm)
PV14BN	Brushed Nickel	14" x 22" (355 x 558 mm)

Minimum order: 1 each. All Pivot-N-Vue Mirrors can be combined for quantity pricing.



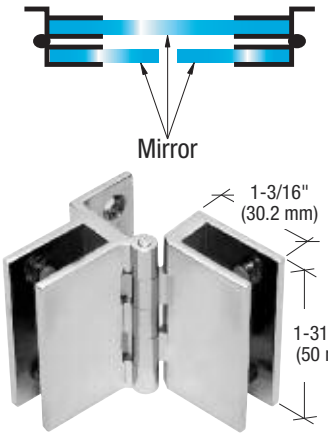
CRL Frameless Triple Mirror Hinge

- For 1/4" to 5/16" (6 to 8 mm) Glass
- Secures Mirror With Plastic Tipped Set Screws
- Chrome Finish

Maximum Panel Size to Be Used With This Hinge:

5/16" (8 mm) Glass:
Wings: 51-3/16" (1300 mm) H x 17-3/4" (450 mm) W;
Center: 51-3/16" (1300 mm) H x 31-1/2" (800 mm) W

1/4" (6 mm) Glass:
Wings: 59-1/16" (1500 mm) H x 19-1/16" (485 mm) W;
Center: 59-1/16" (1500 mm) H x 35-7/16" (900 mm) W

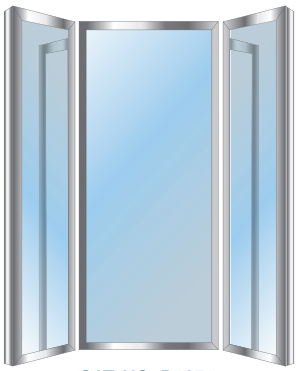


CAT. NO.	FINISH	QTY/PKG
EH66	Chrome	4

Minimum order: 1 pack. Can be combined with other set screw hinges for quantity pricing.

CRL Stock and Custom Made Aluminum Triple Mirror Frames

- Customs are Made to Your Specifications in Three Different Styles
- Available in Up to Five Popular Finishes: Satin and Brite Anodized, Duranodic Bronze, Satin Gold and Brite Gold Anodized



CAT. NO. D1971
Continuous Hinge Frame

Go to **crlaurence.com/mirror-frames** for complete product information and ordering instructions. Mirrors are not included.

NOTE: Maximum overall height is 72"(1829 mm). Maximum width for each panel is 36" (914 mm). All Custom Mirror Frame orders are non-cancelable, and may not be returned for credit.

CRL Mirror Pivots

- Simple and Easy to Install
- Hold 1/8" to 1/4" (3 to 6 mm) Mirror

Finishes:



MORE INFORMATION crlaurence.com



CAT. NO. MP6408
Polished Chrome
Victorian Style



CAT. NO. MP6408BN
Brushed Nickel
Victorian Style



CAT. NO. MP6208
Polished Chrome
and Porcelain



CAT. NO. MP6208BN
Brushed Nickel
and Porcelain



CAT. NO. MP62080RB
Oil Rubbed Bronze
and Porcelain



CAT. NO. MP64080RB
Oil Rubbed Bronze
Victorian Style



CAT. NO. MP8608
Polished Chrome
Bell Style



CAT. NO. MP8608BN
Brushed Nickel
Bell Style



CAT. NO. MP86080RB
Oil Rubbed Bronze
Bell Style

Our Mirror Pivots will enhance any bath or dressing room. You can install these Pivots anywhere wall space is available and, within minutes, have a useful accessory that will last for years. Mirror Pivots will accommodate 1/8" to 1/4" (3 to 6 mm) thick mirror of just about any configuration, and will hold up to 30 pounds (13.6 kg). Full length vanity mirrors can be mounted and tilted to view any height. Pivots are made of heavy plated cast brass, and beautifully finished. Mounting hardware is included. Minimum order is one pair. All Mirror Pivots can be combined for quantity pricing.

NOTE: Not designed for use with beveled mirror. Mirror Pivots work best with flat polished or pencil polished edges. CRL recommends using Cat. No. 2MT24 Category II Safety Backing Tape for mirrors being installed into Mirror Pivots.



CRL Magnifying Mirrors

MORE CHOICES crlaurence.com

- Designer Styling With Optical Quality Glass

We have a beautiful collection of Magnifying Mirrors in wall mount, pedestal, suction cup, and counter top models. Made in the U.S.A. with the finest materials and latest technology available, our Magnifying Mirrors will complement and complete your bathroom décor with designer styling. You may choose from lighted and non-lighted types. Each has precision-ground, optical quality glass for distortion-free images of unparalleled sharpness and powerful magnification. **NOTE:** Surround Light Vanity Mirrors are wired for 110V AC.



CAT. NO. ZVAN410
Shown

CRL Wall Mount Dual Arm Mirrors With Surround Light™

- Both 5X and 7X Magnification

The Surround Light™ System of these 9" (228 mm) Wall Mount Dual Arm Mirrors amplifies light both across the mirror surface, and outward to illuminate the face at any angle of viewing. It extends a maximum of 17" (432 mm) from wall.



CHROME CAT. NO.	SATIN NICKEL CAT. NO.	DIAMETER	MAGNIFICATION
ZSW35	ZSW45	9" (228 mm)	5X
ZSW37	ZSW47	9" (228 mm)	7X

Minimum order: 1 each. All CRL Magnifying Mirrors can be combined for quantity pricing.

CRL Wall Mount Dual Arm Mirrors

- Elegant Styling and Crystal Clear Optics
- Dual Arms Extend to 15" (381 mm)
- 5X Magnification

Solid, smooth swinging action can be expected when you position our 5X Power Wall Mount Dual Arm Mirrors. You'll be impressed with the heavy chrome finish that will match your other quality bath and shower fixtures. The large 9" (228 mm) diameter mirror offers a sharp image. Minimum order is one each.



CAT. NO. ZZ9W5

CRL Fogless Magnifying Mirror With White Frame

- Permanently Fogless Mirror With Break and Scratch Resistant Optical Quality
- 1X to 5X Magnification
- White Finish

This CRL Fogless Magnifying Mirror is the best ever! With just a few rotations of the attractive white frame, you can change the magnification power of this fogless mirror from 1X to 5X. Double razor holder built into the frame. This 6" (152 mm) diameter mirror attaches to any smooth, non-porous surface with double suction cups. Minimum order is one each.



CAT. NO. ZZ500W

CRL Wall Mount Dual Arm Oval Mirror With LED Surround Light

- Lifetime LED Surround Lighting
- Brushed Nickel Finish

CRL's Wall Mount Oval Mirror with LED Surround Light provides 10X magnification on one side and 1X on the other. The 9" x 6-1/2" (229 x 165 mm) oval mirror is mounted on a 360 degree swivel with arms that extend 12" (305 mm) from the 1-1/2" (38 mm) thick mounting plate. This Mirror can be installed on any wall in your home since it does not require plug-in power. A dimmable on/off switch adjusts LED brightness. Requires four C batteries (not included). An external power adapter is included. Minimum order is one each.



CAT. NO. ZLEDW410

CRL Anti-Fog Spray

MSDS ONLINE

- Eliminates Fog From Any Glass Surface
- Use it on Bath and Dressing Room Mirrors

CRL Anti-Fog Spray is the perfect solution and cleaner to keep bathroom mirrors, auto glass, safety goggles or sunglasses fog free. The Spray is effective until the glass or mirror surface needs to be cleaned again, at which time the Mirror Cleaner and Anti-Fog Solution is reapplied. The easy to use spray bottle contains 4 Fl. Oz. (118 ml).



CAT. NO.	CONTENTS	QTY/CASE
ZSP2	4 Fl. Oz. (118 ml)	24

Minimum order: 1 each.

CRL Clear View™ Mirror Defoggers

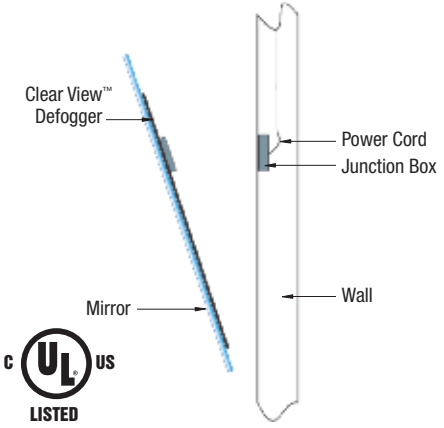


MORE INFORMATION
crlaurence.com

- **Enjoy the Clarity of a Mirror That Automatically Defogs**
- **Provide a Crystal Clear Reflection in High Humidity Conditions**

CRL Clear View™ Mirror Defoggers are specially designed thin heating elements that are adhered to the back of mirrors, gently raising their temperature just enough to keep the mirror dry and clear in high humidity conditions. They are easy to install by wiring to any power source, but the most common method is to wire to the bath's 120V AC vanity light switch. As with any electrical product, we recommend installation be performed by a qualified person, in accordance with local codes. Each maintenance-free Defogger carries a five year unconditional guarantee.

Custom sizes and 220 Volt models are available on special request. For additional information, contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 in Canada, or (323) 588-1281 International, and ask for Ext. 5275. You can also e-mail us through our web site at **crlaurence.com/support**.



Installation Cross-Section



CRL Rectangular Clear View™ Mirror Defoggers

The CRL Rectangular Clear View™ Mirror Defogger fits a wide variety of applications. They can be mounted in a vertical or horizontal position to suit the mirror's dimensions and your customer's needs.

CAT. NO.	SIZE	POWER RATING (WATTS@120V AC)	ENERGY CONSUMPTION (KWH@120V AC)
R1826	18" x 26" (457 x 660 mm)	57	0.057
R2432	24" x 32" (610 x 813 mm)	96	0.096

Minimum order: 1 each. All Defoggers can be combined for quantity pricing.





CRL Oval Clear View™ Mirror Defoggers

The cameo shape of the CRL Oval Clear View™ Mirror Defogger provides the effect of a "mirror-in-a-mirror" as the clear vision of the heated area is bordered by the moist area of the unheated portion of the mirror. They can be mounted vertically or horizontally for the appropriate appearance.

CAT. NO.	SIZE	POWER RATING (WATTS@120V AC)	ENERGY CONSUMPTION (KWH@120V AC)
01826	18" x 26" (457 x 660 mm)	45	0.045
02432	24" x 32" (610 x 813 mm)	76	0.076

Minimum order: 1 each. All Defoggers can be combined for quantity pricing.





CRL Round Clear View™ Mirror Defoggers

Our 15" (381 mm) and 20" (508 mm) Round CRL Clear View™ Mirror Defoggers can be positioned according to our customer's height requirements. Consider using two Defoggers when installing over counters with two basins.

CAT. NO.	RADIUS	POWER RATING (WATTS@120V AC)	ENERGY CONSUMPTION (KWH@120V AC)
R15	15" (381 mm)	20	0.020
R20	20" (508 mm)	41	0.041

Minimum order: 1 each. All Defoggers can be combined for quantity pricing.





CRL Convex Mirrors

MORE INFORMATION crlaurence.com

- Glass or Plexiglas Types Available
- Survey Production Lines
- Eliminate Blind Intersections
- Improve Safety
- Discourage Shoplifting
- Reduce Accidents






Whatever the business, accidents and theft pose expensive problems. Installing CRL Convex Mirrors can vastly reduce trouble spots. Placed in strategic locations, these Convex Mirrors provide a clear, panoramic view of potential problem areas. CRL Convex Mirrors find many uses in commercial, institutional, and industrial applications. Will hang almost anywhere. Used for parking lots, corners, and many general applications. Mounting hardware includes one Adjustable Mounting Arm and Bracket, which is fully adjustable to the desired angle and length. Mounting screws are not included. Comes with installation instructions. For our complete offering of Convex and Dome Mirrors, please visit **crlaurence.com/convex-mirrors**. **NOTE**: 1" (25 mm) of mirror equals 1 ft (305 mm) of sight distance.

CRL Heavy-Duty Plexiglas Convex Mirrors

- For Indoor or Outdoor Use
- Edge Trim Protects Mirror
- 160 Degree Wide Angle Viewing
- Durable and Sealed for Weatherproofing

CAT. NO.	DIAMETER
PLXR13	13" (330 mm)
PLXR18	18" (457 mm)
PLXR26	26" (660 mm)
PLXR30	30" (762 mm)
PLXR36*	36" (914 mm)
PLXR48#	48" (1219 mm)

Minimum order: 1 each. CRL Convex Mirrors can be combined for quantity pricing. Not for use in high wind areas. * Ships UPS oversize rate. # Must ship common carrier.



High Quality, Low Distortion Mirror to Enhance Security



NOTE: Heavy Duty Mounting Hardware for Mirrors 26" and larger is supplied.



Swivel Bolt

Adjustable Mounting Bracket

Sealed Edge Trim

CRL Heavy-Duty Glass Convex Mirrors

- For Indoor Use Only
- 160 Degree Wide Angle Viewing
- Use to Deter Theft and Improve Safety

CAT. NO.	DIAMETER
CVM8013	13" (330 mm)
CVM8018	18" (457 mm)
CVM8026	26" (660 mm)
CVM8030	30" (762 mm)
CVM8036*	36" (914 mm)

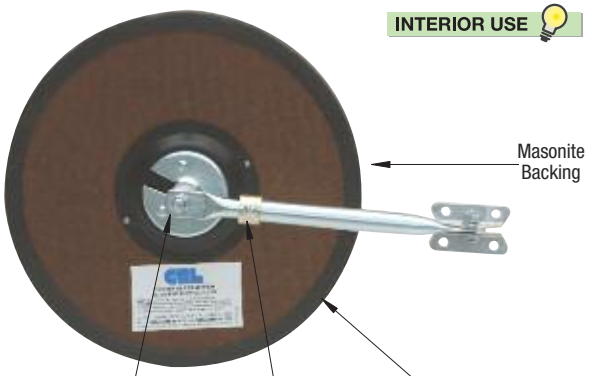
Minimum order: 1 each. CRL Convex Mirrors can be combined for quantity pricing. * Ships UPS oversize rate.



High Quality, Low Distortion Mirror to Enhance Security



NOTE: Heavy Duty Mounting Hardware for Mirrors 26" and larger is supplied.





Swivel Bolt



Adjustable Mounting Bracket



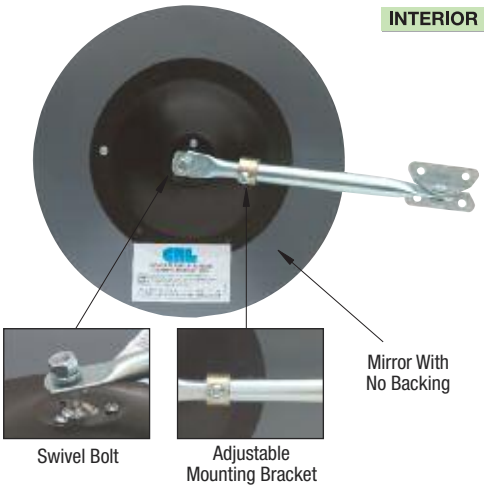
Sealed Edge Trim

CRL Acrylic Convex Mirrors

- Improve Sightlines at Blind Intersections
- Meets OSHA Guidelines
- Assists Surveillance in Retail Stores



INTERIOR USE



CAT. NO.	DIAMETER
TPLX13	13" (330 mm)
TPLX18	18" (457 mm)
TPLX26	26" (660 mm)
TPLX30	30" (762 mm)
TPLX36	36" (914 mm)

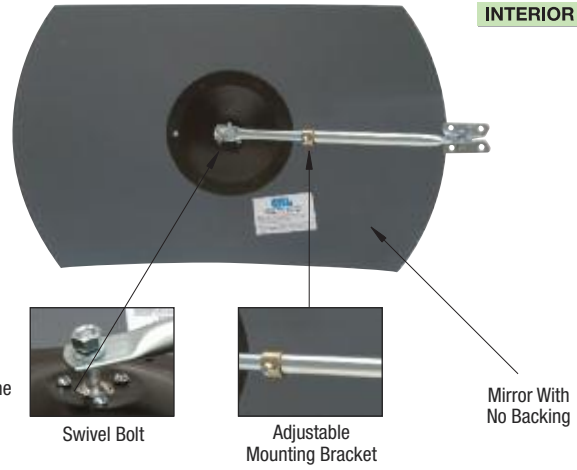
Minimum order: 1 each. CRL Convex Mirrors can be combined for quantity pricing.

CRL Rectangular Acrylic Convex Mirrors

- Assists Surveillance in Retail Stores
- Meets OSHA Requirements



INTERIOR USE



CAT. NO.	DIMENSIONS (H X W)
TPLX1626	16" x 26" (406 x 660 mm)
TPLX2030	20" x 30" (508 x 762 mm)

Minimum order: 1 each. CRL Convex Mirrors can be combined for quantity pricing.

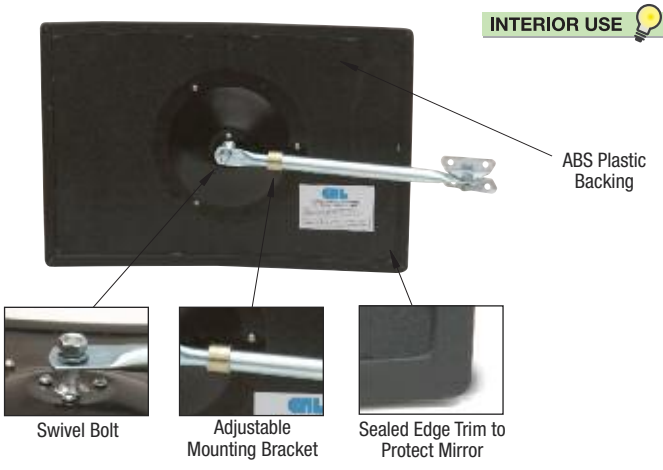
NOTE: These mirrors do not come with a trim ring or edge band.

CRL Heavy-Duty Rectangular Glass Convex Mirrors

- Excellent for Areas With Low Ceilings



INTERIOR USE



CAT. NO.	DIMENSIONS (H X W)
RM3312X18	12" x 18" (305 x 457 mm)
RM3315X24	15" x 24" (381 x 610 mm)
RM3320X30	20" x 30" (508 x 762 mm)

Minimum order: 1 each. CRL Convex Mirrors can be combined for quantity pricing.

CRL Stick-On Convex Mirror

- Easy Peel and Stick Installation
- Eliminate Blind Spots - Ideal for Truck, RV, and Bus Sideview Mirrors
- 3-3/4" (95 mm) Diameter





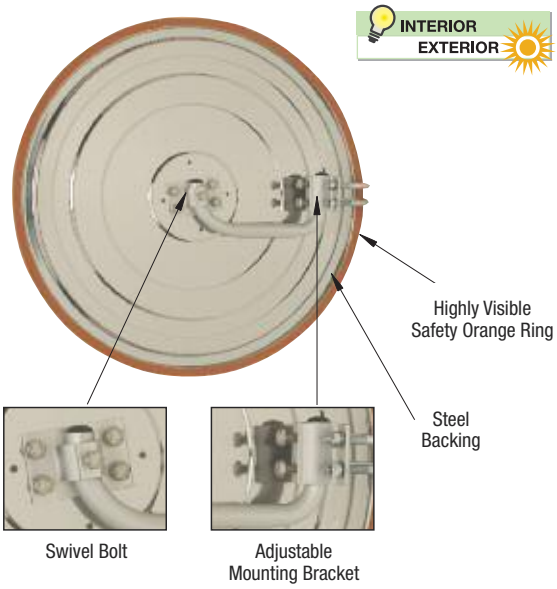
CAT. NO. FS375
Minimum order is 1 each.

CRL Stainless Steel Convex Mirrors



- Provide a "Mirror Finished" Look
- Withstand Extreme Outdoor Weather Conditions
- Ideal Solution for Areas With High Risk of Vandalism
- Virtually Unbreakable

INTERIOR EXTERIOR



CAT. NO.	DIAMETER
SSC19	19.5" (495 mm)
SSC24	24" (610 mm)

Minimum order: 1 each. CRL Convex Mirrors can be combined for quantity pricing.

CRL Acrylic Dome Mirrors

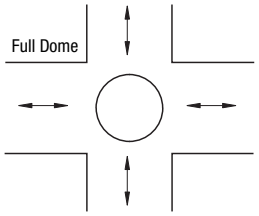
MORE INFORMATION crlaurence.com

INTERIOR USE

360 Degree Vision Dome Mirrors

- Prevent Accidents at Blind Corners at Intersections in Hallways or Aisles in Warehouses, Retail Stores, Schools, and Hospitals
- Provide Surveillance of Premises, Merchandise, Assembly Lines, Production Machines, and Staff





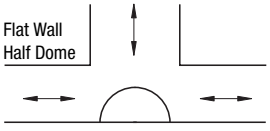
CAT. NO.	DIAMETER
DMX18	18" (457 mm)
DMX26	26" (660 mm)
DMX32#	32" (813 mm)
DMX36#	36" (914 mm)
DMX22X24Δ	22" (559 mm)

Minimum order: 1 each. CRL Dome Mirrors can be combined for quantity pricing. # Must ship common carrier. ΔDome fused to a 24" x 24" mirror panel for installation into suspended ceiling grids.

180 Degree Half Dome Mirrors

- For "T" Intersections
- Made of Acrylic





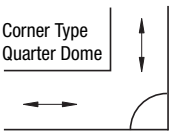
CAT. NO.	DIAMETER
DMH18	18" (457 mm)
DMH26	26" (660 mm)

Minimum order: 1 each. CRL Dome Mirrors can be combined for quantity pricing.

90 Degree Quarter Dome Mirrors

- For "L" Intersections
- Made of Acrylic





CAT. NO.	DIAMETER
DMQ18	18" (457 mm)
DMQ26	26" (660 mm)

Minimum order: 1 each. CRL Dome Mirrors can be combined for quantity pricing.

CRL MIRROR COVER PLATES

CRL Glass Mirror Cover Plates



- Blister Carded for Retail Display
- Oversized With Wide Polished Beveled Edges
- 45 Different Styles Available in Three Colors
- Cut From Quality 3/16" (5 mm) Plate Glass
- Custom Cut Cover Plates Available – Just Send Us a Drawing

Our Glass Mirror Switch and Outlet Cover Plates have highly polished 5/16" (8 mm) wide beveled edges, and are cut from quality 3/16" (5 mm) plate glass. There are a total of 45 different styles to choose from in single, double, triple, quad, five and six-gang, including a variety of blank plates. All come in three standard colors: clear, bronze, and gray. Other colors are available on special order, and we can even cut plates out of the same colored mirror being used on your job. Custom cover plate configurations are also possible; just send us your drawing. All plates are individually blister carded in an attractive retail package. Mounting screws and plastic spacers included with each pack.

Visit **crlaurence.com/mirror-plates** for a selection of all Mirror Cover Plates.

GLASS MIRROR SWITCH AND OUTLET COVER PLATE DIMENSIONS

STYLE	HEIGHT	WIDTH
Single	5-1/4" (133 mm)	3-1/2" (89 mm)
Double	5-1/4" (133 mm)	5-1/4" (133 mm)
Triple	5-1/4" (133 mm)	7-1/4" (184 mm)
Quad	5-1/4" (133 mm)	9" (229 mm)
Five-Gang	5-1/4" (133 mm)	10-3/4" (273 mm)
Six-Gang	5-1/4" (133 mm)	12-5/8" (321 mm)

CRL Acrylic Mirror Cover Plates



- High Quality Acrylic Cover Plates Have Polished Edges
- Cut to Full Oversize Dimensions
- Large Variety of Attractive and Economical Plates From Which to Choose
- Cut From Quality 1/8" (3 mm) Mirror-Backed Acrylic
- Flame Retardant Coating Meets CSA for Canada Standard
- No Beveled Edges

CRL Acrylic Mirror Switch and Outlet Cover Plates are made of high quality, 1/8" (3 mm) mirror-backed acrylic with high polished edges. Each plate is drilled for standard mounting screws (included), and are packed and shipped with peel-off scratch resistant film. There are 36 stock styles, all available in both clear and bronze mirror. CRL Acrylic Mirror Switch and Outlet Cover Plates are versatile, economical, and attractive. Flame retardant backing meets Canadian Standards Association safety performance standard.

Visit **crlaurence.com/mirror-plates** for a selection of all Mirror Cover Plates.

ACRYLIC MIRROR SWITCH AND OUTLET COVER PLATE DIMENSIONS

STYLE	HEIGHT	WIDTH
Single	5-3/8" (136 mm)	3-3/8" (86 mm)
Double	5-3/8" (136 mm)	5-3/8" (136 mm)
Triple	5-3/8" (136 mm)	7-1/4" (184 mm)
Quad	5-3/8" (136 mm)	9" (229 mm)
Five-Gang	5-3/8" (136 mm)	10-7/8" (276 mm)
Six-Gang	5-3/8" (136 mm)	12-5/8" (321 mm)

CRL Brass Metal Cover Plates



- Heavy Brass Metal in Finishes to Match Our Shower Door Hardware
- Twelve Plate Styles in the Three Most Popular Finishes: Chrome, Brass, and Brushed Nickel
- 5/16" (8 mm) Wide Beveled Edges
- Complete With Matching Finish Mounting Screws

MORE INFORMATION crlaurence.com

Now you can complete the overall look of a remodeled bathroom with our heavy Brass Metal Switch and Outlet Cover Plates in the same beautiful finishes as our Frameless Shower Hinges, Pulls, Knobs, Towel Bars, and Glass Clamps. Our new Brass Metal Switch and Outlet Cover Plates come in twelve different plate styles and three finishes: brass, chrome, and brushed nickel. Each plate has a 5/16" (8 mm) wide bevel and comes with the mounting screws. Each Brass Metal Cover Plate is individually boxed to protect its finish until installation.

Visit **crlaurence.com/mirror-plates** for a selection of all Mirror Cover Plates.

BRASS METAL SWITCH AND OUTLET COVER PLATE DIMENSIONS

STYLE	HEIGHT	WIDTH
Single	5-1/4" (133 mm)	3-1/2" (89 mm)
Double	5-1/4" (133 mm)	5-1/4" (133 mm)
Triple	5-1/4" (133 mm)	7-1/4" (184 mm)
Quad	5-1/4" (133 mm)	9" (229 mm)

CRL MIRROR COVER PLATES

go to:
crlaurence.com/**mirror-plates**

Single Designer



GLASS

CAT. NO.	COLOR
GMP12C	Clear
B12C*	Clear
GMP12B	Bronze
GMP12G	Gray

*Bulk Pack of 100.

ACRYLIC

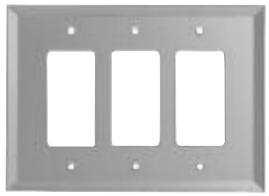
CAT. NO.	COLOR
PMP102	Clear
PMP10250B*	Clear
PMP102BRZ	Bronze

*Bulk Pack of 50.

BRASS METAL

CAT. NO.	COLOR
MMP12BN	Brushed Nickel
MMP12BR	Brass
MMP12CH	Chrome

Triple Designer



GLASS

CAT. NO.	COLOR
GMP16C	Clear
B16C*	Clear
GMP16B	Bronze
GMP16G	Gray

*Bulk Pack of 50.

ACRYLIC

CAT. NO.	COLOR
PMP302	Clear
PMP302BRZ	Bronze

BRASS METAL

CAT. NO.	COLOR
MMP16BN	Brushed Nickel
MMP16BR	Brass
MMP16CH	Chrome

Double Designer



GLASS

CAT. NO.	COLOR
GMP13C	Clear
B13C*	Clear
GMP13B	Bronze
GMP13G	Gray

*Bulk Pack of 60.

ACRYLIC

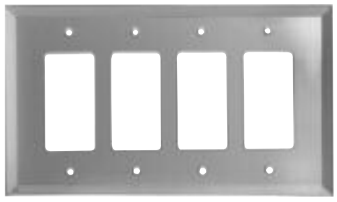
CAT. NO.	COLOR
PMP202	Clear
PMP20250B*	Clear
PMP202BRZ	Bronze

*Bulk Pack of 50.

BRASS METAL

CAT. NO.	COLOR
MMP13BN	Brushed Nickel
MMP13BR	Brass
MMP13CH	Chrome

Quad Designer



GLASS

CAT. NO.	COLOR
GMP17C	Clear
GMP17B	Clear
GMP17G	Bronze

ACRYLIC

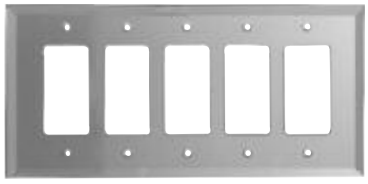
CAT. NO.	COLOR
PMP402	Clear
PMP402BRZ	Bronze

BRASS METAL

CAT. NO.	COLOR
MMP17BN	Brushed Nickel
MMP17BR	Brass
MMP17CH	Chrome

Five-Gang Designer

MORE CHOICES crlaurence.com



GLASS

CAT. NO.	COLOR
GMP502C	Clear
GMP502B	Bronze
GMP502G	Gray

ACRYLIC

CAT. NO.	COLOR
PMP202	Clear

Designer Toggle Combo



GLASS

CAT. NO.	COLOR
GMP14C	Clear
B14C*	Clear
GMP14B	Bronze
GMP14G	Gray

*Bulk Pack of 60.

ACRYLIC

CAT. NO.	COLOR
PMP206	Clear
PMP206BRZ	Bronze

BRASS METAL

CAT. NO.	COLOR
MMP14BN	Brushed Nickel
MMP14BR	Brass
MMP14CH	Chrome

2X Toggle Designer Combo



GLASS

CAT. NO.	COLOR
GMP15C	Clear
GMP15B	Bronze
GMP15G	Gray

ACRYLIC

CAT. NO.	COLOR
PMP306	Clear

Designer Duplex Combo



GLASS

CAT. NO.	COLOR
GMP18C	Clear
B18C*	Clear
GMP18B	Bronze
GMP18G	Gray

*Bulk Pack of 60.

ACRYLIC

CAT. NO.	COLOR
PMP205	Clear

BRASS METAL

CAT. NO.	COLOR
MMP18BN	Brushed Nickel
MMP18BR	Brass
MMP18CH	Chrome

NOTE: Visit **crlaurence.com/mirror-plates** for a selection of all Cover Plates. All Designer Hole Spacing is 3-13/16" (97 mm) center-to-center. All Switch Hole Spacing is 2-3/8" (60 mm) center-to-center. Minimum order: 1 each. All Cover Plates can be combined for quantity pricing. See page GG036 for Cover Plate Dimensions. Acrylic Plates do not have beveled edges.

CRL MIRROR COVER PLATES

go to:
crlaurence.com/**mirror-plates**

Single Toggle



GLASS

CAT. NO.	COLOR
GMP3C	Clear
B3C*	Clear
GMP3B	Bronze
GMP3G	Gray

*Bulk Pack of 100.

ACRYLIC

CAT. NO.	COLOR
PMP101	Clear
PMP102BRZ	Bronze

BRASS METAL

CAT. NO.	COLOR
MMP3BN	Brushed Nickel
MMP3BR	Brass
MMP3CH	Chrome

Double Toggle



GLASS

CAT. NO.	COLOR
GMP8C	Clear
B8C*	Clear
GMP8B	Bronze
GMP8G	Gray

*Bulk Pack of 60.

ACRYLIC

CAT. NO.	COLOR
PMP201	Clear
PMP20150B*	Clear
PMP201BRZ	Bronze

*Bulk Pack of 50.

BRASS METAL

CAT. NO.	COLOR
MMP8BN	Brushed Nickel
MMP8BR	Brass
MMP8CH	Chrome

Triple Toggle



GLASS

CAT. NO.	COLOR
GMP9C	Clear
B9C*	Clear
GMP9B	Bronze
GMP9G	Gray

*Bulk Pack of 50.

ACRYLIC

CAT. NO.	COLOR
PMP301	Clear
PMP301BRZ	Bronze

BRASS METAL

CAT. NO.	COLOR
MMP9BN	Brushed Nickel
MMP9BR	Brass
MMP9CH	Chrome

Quad Toggle



GLASS

CAT. NO.	COLOR
GMP11C	Clear
GMP11B	Bronze

ACRYLIC

CAT. NO.	COLOR
PMP401	Clear
PMP401BRZ	Bronze

Duplex Plug



GLASS

CAT. NO.	COLOR
GMP2C	Clear
B2C*	Clear
GMP2B	Bronze
GMP2G	Gray

*Bulk Pack of 100.

ACRYLIC

CAT. NO.	COLOR
PMP103	Clear
PMP10350B*	Clear
PMP103BRZ	Bronze

*Bulk Pack of 50.

BRASS METAL

CAT. NO.	COLOR
MMP2BN	Brushed Nickel
MMP2BR	Brass
MMP2CH	Chrome

Double Duplex



GLASS

CAT. NO.	COLOR
GMP6C	Clear
B6C*	Clear
GMP6B	Bronze
GMP6G	Gray

*Bulk Pack of 60.

ACRYLIC

CAT. NO.	COLOR
PMP203	Clear
PMP203BRZ	Bronze

BRASS METAL

CAT. NO.	COLOR
MMP6BN	Brushed Nickel
MMP6CH	Chrome

Duplex Toggle Combo



GLASS

CAT. NO.	COLOR
GMP7C	Clear
B7C*	Clear
GMP7B	Bronze
GMP7G	Gray

*Bulk Pack of 60.

ACRYLIC

CAT. NO.	COLOR
PMP204	Clear
PMP204BRZ	Bronze

BRASS METAL

CAT. NO.	COLOR
MMP7BN	Brushed Nickel
MMP7CH	Chrome

2X Toggle Duplex Combo



GLASS

CAT. NO.	COLOR
GMP10C	Clear
GMP10B	Bronze
GMP10G	Gray

ACRYLIC

CAT. NO.	COLOR
PMP304	Clear

NOTE: Visit **crlaurence.com/mirror-plates** for a selection of all Cover Plates. All Switch Hole Spacing is 2-3/8" (60 mm) center-to-center.
Minimum order: 1 each. All Cover Plates can be combined for quantity pricing. See page GG036 for Cover Plate Dimensions. Acrylic Plates do not have beveled edges.

Modular Phone



GLASS

CAT. NO.	COLOR
GMP115C	Clear
GMP115B	Bronze
GMP115G	Gray

ACRYLIC

CAT. NO.	COLOR
PMP115	Clear
PMP115BRZ	Bronze

Cable TV 3/8" Hole



GLASS

CAT. NO.	COLOR
GMP4C	Clear
GMP4B	Bronze
GMP4G	Gray

ACRYLIC

CAT. NO.	COLOR
PMP110	Clear
PMP110BRZ	Bronze

Single Plug 1-3/8" Hole



GLASS

CAT. NO.	COLOR
GMP1C	Clear
GMP1B	Bronze
GMP1G	Gray

ACRYLIC

CAT. NO.	COLOR
PMP114	Clear
PMP114BRZ	Bronze

Blank With Screw Holes



GLASS

CAT. NO.	COLOR
GMP5C	Clear
GMP5B	Bronze
GMP5G	Gray

ACRYLIC

CAT. NO.	COLOR
PMP105	Clear
PMP105BRZ	Bronze

Double Blank With Screw Holes



GLASS

CAT. NO.	COLOR
GMP208C	Clear
GMP208B	Bronze
GMP208G	Gray

ACRYLIC

CAT. NO.	COLOR
PMP208	Clear

Single Blank Without Screw Holes



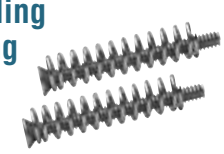
MORE CHOICES
crlaurence.com

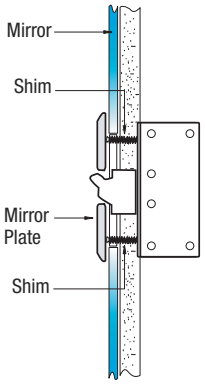
GLASS

CAT. NO.	COLOR
BMP1GC	Clear
BMP1GB	Bronze
BMP1GG	Gray

CRL Switch and Outlet Shims

- **Prevents Cover Plates From Bending or Breaking During Installation**
- **Quick and Easy to Install**





CAT. NO.	CONTENTS
PGP48	2 Springs and 2 Screws
PGP48BP	100 Springs and 100 Screws

Minimum order: 1 pack or carton.

CRL Cover Plate Screws

- **Fit All Glass and Acrylic CRL Cover Plates**



CAT. NO. 632X120HS
Minimum order: 10 each.

NOTE: Visit **crlaurence.com/mirror-plates** for a selection of all Cover Plates. All Blank Hole Spacing is 3-1/4" (83 mm) center-to-center. All Single Plug Spacing is 2-1/2" (63 mm) center-to-center. Minimum order: 1 each. All Cover Plates can be combined for quantity pricing. See page GG036 for Cover Plate Dimensions. Acrylic Plates do not have beveled edges.

CRL Custom Cut Glass and Acrylic Cover Plates

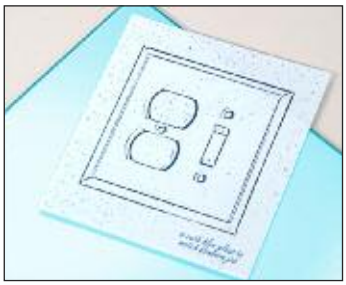
MORE INFORMATION crlaurence.com

- **Available for Both Glass and Acrylic Cover Plates**
- **Single Through Six-Gang Styles in Clear, Bronze, and Gray**
- **Can Also Be Cut From Mirror Supplied By You**

CRL Glass and Acrylic Cover Plates are available custom cut to your job requirements. Just send us a full scale drawing of the plate you need, along with your written purchase order (mail, FAX or e-mail to CRL in Los Angeles) and we will provide you with a price quote prior to fabrication.

Custom Cut Cover Plates are available in single through six-gang styles in clear, bronze or gray. Other colors are available on special order, and we can even cut plates out of the same colored mirror being used on your job, when you send us the mirror. Custom Glass Cover Plates are cut with a Water Jet Cutter, and Custom Acrylic Mirror Plates are cut with a Laser Cutter to give you the cleanest and most precise cut-outs possible. Please allow 2 to 4 weeks for shipping after we receive your drawing.

For more information on this CRL service, contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 5275. You can also e-mail us through our web site at **crlaurence.com/support**.



You Submit the Drawing



We Make the Plate









CRL Mirror Outlet and Switch Hole Nibbler

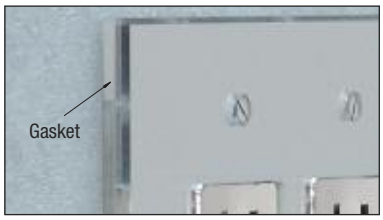




- **Invented By a Glazier**
- **Removes Small, Uneven Pieces of Mirror or Glass From Holes or Cut-Outs**
- **Saves the Task of Removing the Mirror**

CAT. NO. MN1750
Minimum order is 1 each.

CRL Acrylic Perimeter Gaskets



- **Fit Behind Cover Plates and Allow Extra Depth to Hide Protruding Outlets**



Single



Double



Triple

CAT. NO.	FOR USE WITH	DIMENSIONS WIDTH X HEIGHT
APG1	Single Cover Plates	3-3/8" x 5-3/8" (86 x 136 mm)
APG2	Double Cover Plates	5-3/8" x 5-3/8" (136 x 136 mm)
APG3	Triple Cover Plates	7-1/4" x 5-3/8" (184 x 136 mm)

Minimum order: 1 each. Sizes can be combined for quantity pricing.

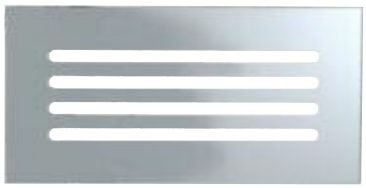
TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

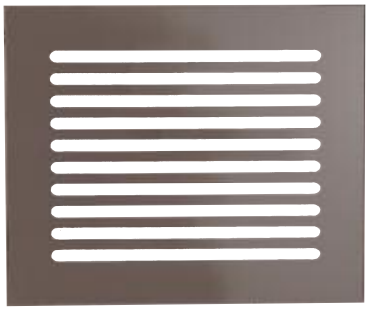
CRL Flat Acrylic Mirror Grilles

MORE INFORMATION crlaurence.com

- Available in Clear and Bronze 1/8" (3 mm) Acrylic Mirror with Beveled Edges
- Attractive, Long Life Acrylic that Enhances Room Décor
- Slots are 3/8" (9.5 mm) Wide to Maximize Airflow
- Easily Installed Using Double-Sided Foam Mounting Tape (See Page GG003)
- Visit crlaurence.com/mirror-plates for a Full Selection of Mirror Grilles



Clear



Bronze

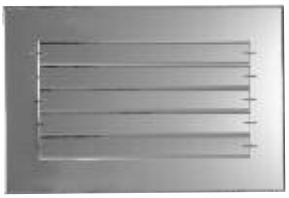
COLOR	HEIGHT	6" WIDE (152 MM)	8" WIDE (203 MM)	10" WIDE (254 MM)	12" WIDE (305 MM)	14" WIDE (355 MM)	16" WIDE (406 MM)	18" WIDE (457 MM)
Clear	6" (152 mm)	FMG660	FMG860	FMG1060	FMG1260	FMG1460	FMG1660	FMG1860
Clear	8" (203 mm)	FMG680	FMG880	FMG1080	FMG1280	FMG1480	FMG1680	FMG1880
Bronze	8" (203 mm)	--	--	FMG1080BRZ	FMG1280BRZ	FMG1480BRZ	FMG1680BRZ	--
Clear	10" (254 mm)	FMG6100	FMG8100	FMG10100	FMG12100	FMG14100	FMG16100	FMG18100

Minimum order: 1 each. All Acrylic Grilles can be combined for quantity pricing. **NOTE:** CRL Acrylic Grilles are intended for use only on air conditioning ducts, and not for hot air registers.

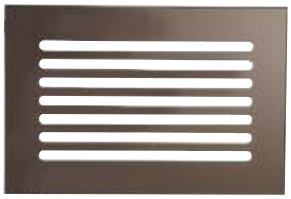
CRL Custom Mirror Grille Ordering Information

- Choose Either Glass or Acrylic Mirror
- Custom Made to Your Specifications
- Available in Clear, Bronze, and Custom Colors

CRL Mirror Grilles are also available custom cut to order. Just send us your full scale drawing of the grille you need, along with your written purchase order and we will provide you with a price quote prior to fabrication. Custom Mirror Grilles are available in glass or acrylic mirror in clear and bronze. Other colors are available. Allow two to four weeks for delivery. For additional information, contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 5275. You can also e-mail us through our web site at **crlaurence.com/support**.



Louver Grilles



Flat Grilles

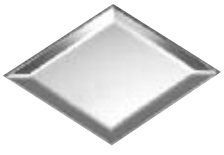


For easy installation of Glass and Acrylic Mirror Grilles use CRL Foam Mounting Tape (see page GG003).

CRL Glass Mirror Baguettes

- Elegant Polished Beveled Edges
- Made of 1/8" (3 mm) Glass in Clear Mirror





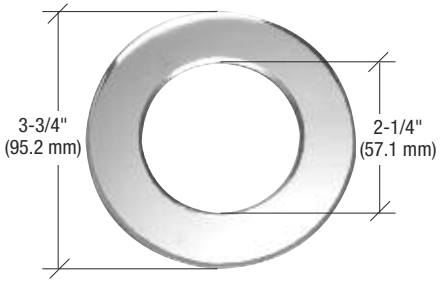


CAT. NO.	STYLE	SIZE	QTY/PKG
MB22S	Square	2" x 2" (50.8 mm x 50.8 mm)	40
MB23D	Diamond	2" x 3" (50.8 mm x 76.2 mm)	40
MB22R	Round	2" x 2" (50.8 mm x 50.8 mm)	50

Minimum order: 1 pack.

CRL Acrylic Mirror Door Knob Plate

- Designed for Knob Cut-Outs on Mirrored Doors
- Clear Acrylic Mirror with Beveled Edges



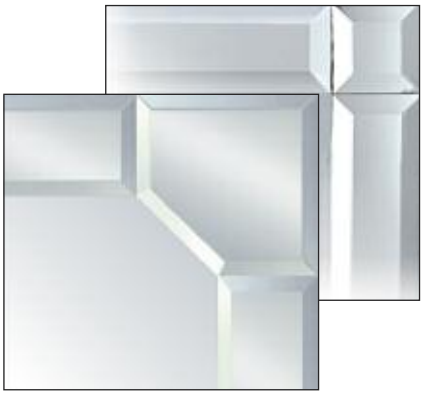
CAT. NO.	COLOR	INSIDE DIAMETER	OUTSIDE DIAMETER
DKPC7	Clear	2-1/4" (57.1 mm)	3-3/4" (95.2 mm)

Minimum order: 1 each. Knob Plate does not have an adhesive backing.

CRL Beveled Mirror Parts

MORE CHOICES crlaurence.com

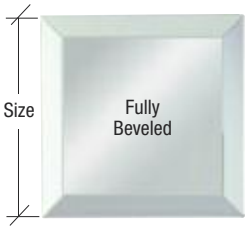
- Available Fully and Partially Beveled
- Beautiful 1/2" (12 mm) Bevels
- Easy To Mount
- 2", 3", and 4" Sizes



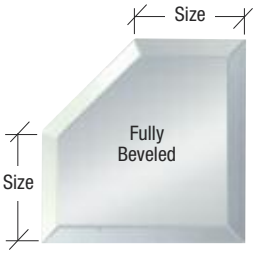
These Beveled Mirror Parts are decorative and easy-to-install accents for ordinary glass mirrors. We make each Mirror Part from 1/4" (6 mm) thick clear plate glass mirror with a 1/2" (12 mm) bevel on some or all sides. You can match the unbeveled or "cut" edges together with other Mirror Parts or Strips to form a continuous design. There are different shapes and sizes, and Beveled Mirror Strips with cut ends in lengths up to 56" (1.4 m). We individually card Beveled Mirror Parts for resale, and include easy-to-follow mounting instructions. We suggest the use of CRL423212 Black Foam Tape to secure Mirror Parts and Strips to the base mirror. All Beveled Mirror Parts can be combined for quantity pricing. Minimum order is one each. For our full line of Beveled Mirror Parts go to **crlaurence.com/mirror-parts**.

Mirror Squares, Corners, T-Connectors, and Emerald Corners

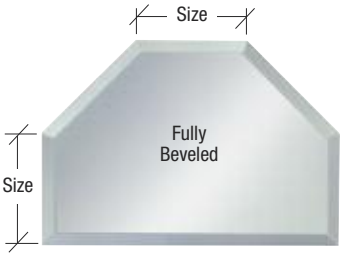
- 1 Per Pack



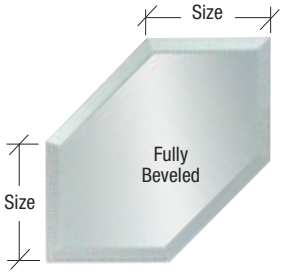
CAT. NO. BM4C4
4" (102 mm)
CAT. NO. BM4C3
3" (76 mm)
CAT. NO. BM4C2
2" (51 mm)



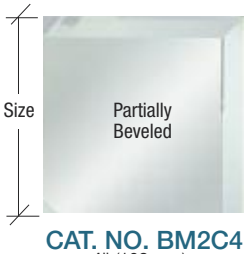
CAT. NO. BM4M4
4" (102 mm)
CAT. NO. BM4M3
3" (76 mm)
CAT. NO. BM4M2
2" (51 mm)



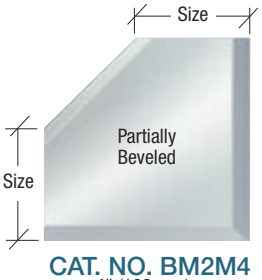
CAT. NO. BM4T4
4" (102 mm)
CAT. NO. BM4T3
3" (76 mm)
CAT. NO. BM4T2
2" (51 mm)



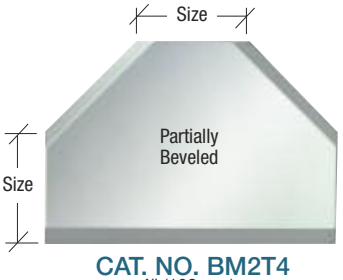
CAT. NO. BM4E4
4" (102 mm)
CAT. NO. BM4E3
3" (76 mm)
CAT. NO. BM4E2
2" (51 mm)



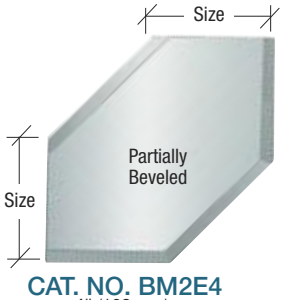
CAT. NO. BM2C4
4" (102 mm)
CAT. NO. BM2C3
3" (76 mm)
CAT. NO. BM2C2
2" (51 mm)



CAT. NO. BM2M4
4" (102 mm)
CAT. NO. BM2M3
3" (76 mm)
CAT. NO. BM2M2
2" (51 mm)



CAT. NO. BM2T4
4" (102 mm)
CAT. NO. BM2T3
3" (76 mm)
CAT. NO. BM2T2
2" (51 mm)



CAT. NO. BM2E4
4" (102 mm)
CAT. NO. BM2E3
3" (76 mm)
CAT. NO. BM2E2
2" (51 mm)

Mirror Strips

- Available Beveled on 2 Long Sides or All 4 Sides
- 4 Per Pack
- Visit crlaurence.com/mirror-parts for the Full Selection



NOTE: Mirror Strips are available only at CRL Will Call/Trade Counter locations. Packs of Beveled Mirror Strips can be combined for quantity pricing. Minimum order is one pack.

CRL Tripod Glass Drilling Machine

- Our Best Selling Drill Machine
- For Use With Diamond, Steel or Brass Tube Drills, as Well as Spearpoint and Prismatic Drills
- Heavy-Duty, 4 AMP Variable Speed Motor With Ball-Type Thrust Bearings
- Variable Speed Adjustment Up to 1,300 RPM
- Self-Drilling Design Eliminates the Need for Operator Applied Pressure
- Compound Action Handle for Easy Lifting



For additional Glazier's Tools
See pages TE001-TE152

CRL GLASS MACHINERY AND SUPPLIES formerly Summers & Mack crlaurence.com

PROTECT



For Diamond Tool Coolant see page GG045

CAT. NO.	DESCRIPTION
CRL2	110V AC Model
AU3	230V AC Model w/AU Plug
EU3	240V AC Model w/EU Plug

Minimum order: 1 each.

The CRL Tripod Glass Drilling Machine is completely portable so it can be used at the shop or on the job site. The drill can easily be positioned directly over any area to be drilled. The non-skid rubber leg caps hold the machine firmly to the drilling surface (order Cat. No. DMP115 for replacements). It has a heavy-duty motor with a 3/8" (9.5 mm) ball bearing supported chuck to eliminate wobble.

Quick adjustment pre-sets the desired drilling depth slightly less than the thickness of the glass, stopping within a fraction of an inch of the bottom surface so that the last little bit may be drilled slowly to reduce chipping of the glass. This is extremely important when drilling mirrors.

Variable speed adjustment allows for use with most Tube Drills (Brass, Steel or Diamond Types) along with Spearpoint Drills. Our Prismatic Carbide Tipped Drills can only be used at a reduced speed. The CRL2 comes complete with a chuck key and eight foot (2.4 m) power cord.

CRL Production Diamond Glass Drilling Machine

MORE INFORMATION crlaurence.com

PROTECT

- Variable Speed, High Torque DC Motor
- Drills Holes Faster and More Precisely Than Any Other Portable Glass Drilling Machine
- Built-In Water Coolant Chuck
- Locking Vacuum Cup Base
- Accepts Belgian Thread Diamond Drills 1/8" to 4" (3 to 102 mm) in Diameter

AMZ1 Features:

- Advanced electronic circuitry
- A powerful DC motor with an electronic variable speed control that provides full torque at all speeds ranging from 0 to 2900 RPM
- Twin vertical guide posts for precise drilling
- A dual locking vacuum cup base keeps the machine steady while drilling

Standard Accessories:

- 12' (3.6 m) Heavy-Duty Power Cord
- Coolant Retaining Ring
- Coolant Chuck With Supply Hose
- Externally Serviceable Motor, Brushes, and Fuse
- Built-in Handle for Easy Carrying
- Service Wrenches
- Complete Operation Manual



For Diamond Tool Coolant see page GG045



CAT. NO.	DESCRIPTION
AMZ1	110V AC Model
AMZ1AU	230V AC Model w/AU Plug
EUAMZ1	240V AC Model w/EU Plug

Minimum order: 1 each.

The CRL AMZ1 Production Diamond Drilling Machine drills 1/8" to 4" (3 to 102 mm) holes faster and more precisely than any other portable glass drilling machine.

The CRL AMZ1 ships ready for use with a grounded plug for use with a Ground Fault Circuit Interrupt Device, such as our Cat. No. GF1. Most commonly used with the AMZ1 are the Belgian Mount PDT Series (Metal Bond) and HBT Series (Electro-Formed) Diamond Drills (see page TE023). **NOTE:** When purchasing the AMZ1 Drill Machine you should also purchase a Sharpening Stone to dress your Metal Bond Diamond Drills. The stone should be wider than the diameter of the drill being sharpened. Sharpening Stones are located on page GG045.

CRL Swivel Drill Machine

MORE INFORMATION crlaurence.com

PROTECT

- Drills Outlet Cut-Outs Without Repositioning
- Built-in Retaining Ring

This unique Drilling Machine was designed primarily to make cut-outs for plug and switch receptacles. The CRL Swivel Drill Machine has a suction cup base that also acts as a coolant retainer when drilling with Diamond Tube Drills. Drill the first hole, insert the rubber plug, swivel drill head, and then drill the second hole.

It can also be used for drilling larger holes with tube drills up to 6" (152 mm) in diameter. The drill head has the unique ability to swing a full 360 degrees so drilling up close to the glass edge is made easy. This also lets you use larger diameter drills than will fit in the built-in retaining ring. The machine is powered by a 1000 RPM, 110V AC motor. Minimum order is one each.

NOTE: Always wear the proper safety gear when using any type of power tool. A Cat. No. GF1 Ground Fault Circuit Interrupt Device should be used with any type of wet-working electric tool (see page TE028).



For Diamond Tool Coolant see page GG045

For additional Glazier's Tools See pages TE001-TE152



CAT. NO. SDM4
110V AC Model



Drill first hole, swivel head, and then drill the second hole



Swivel the head to one side for drilling larger holes up to 6" (152 mm)

CRL Standard Plated Diamond Drills

MORE CHOICES crlaurence.com

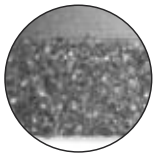
PROTECT

- Durable and Cost Efficient
- Smooth Continuous Rim
- For Tripod and Cup Style Drilling Machines

CRL Standard Plated Diamond Drills are designed for as cost effective method of drilling. The sturdy solid steel construction of these drills allows quick hole drilling with clean break-outs. All sizes of CRL Standard Plated Diamond Drills have 3/8" (9.5 mm) diameter shanks.

CAT. NO.	DIAMETER	RPM RANGE
EDD2	2" (50.8 mm)	1100-1400
EDD214	2-1/4" (57.2 mm)	900-1100

Minimum order: 1 each. All CRL Diamond Drills can be combined for quantity pricing.



Magnified View of Diamond Crystals

For our complete line of CRL "EDD" Series Drills, refer to the CRL73R Catalog, or go to **crlaurence.com/glass-drills** and enter EDD DRILLS in the Search Box.

Straight Shank EDD Drill



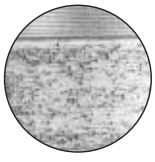
CRL Electro-Formed Diamond Drills

PROTECT

- For Fast Cutting, High Production Runs

CRL DCD and HBT Series Electro-Formed Diamond Drills have a thin wall with a 1/2" (12.7 mm) deep multi-layer of diamonds and bonding matrix. These drills are designed for high speed, high production drilling, and produce outstanding results when exacting conditions are met.

Due to the fragile nature of these types of drills, they should only be used in a precision machine, never allowing too much pressure to be applied. It is important to handle these types of diamond drills with care and use on flat (plate) glass only. Sharpening or "dressing" of these drills before each use will substantially increase their cutting capabilities. For our information on CRL PDSS Series Sharpening Stones refer to page GG045.



Magnified View of Diamond Crystals

Straight Shank DCD Drill



Belgian Thread HBT Drill



DCD STRAIGHT SHANK DRILLS

CAT. NO.	DIAMETER	RPM RANGE
DCD2	2" (50.8 mm)	1200
DCD214	2-1/4" (57.2 mm)	1200

Minimum order: 1 each. All CRL Diamond Drills can be combined for quantity pricing.

For our complete line of CRL "DCD" and "HBT" Series Drills, refer to the CRL73R Catalog, or go to **crlaurence.com/glass-drills** and enter DCD DRILLS or HBT DRILLS in the Search Box.

HBT BELGIAN THREAD DRILLS

CAT. NO.	DIAMETER	RPM RANGE
HBT2	2" (50.8 mm)	1500-2300
HBT214	2-1/4" (57.2 mm)	1300-2000

Minimum order: 1 each. All CRL Diamond Drills can be combined for quantity pricing.

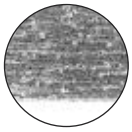
CRL Metal Bond Diamond Drills

CRL PD and PDT Series Metal Bond Diamond Drills use a special diamond and brass bond for maximum performance in glass. Metal Bond Drills offer the greatest life, yielding 1000 to 2000 holes in 1/4" (6 mm) glass, with proper maintenance and the use of a wet Sharpening Stone to expose fresh diamonds (see below). These multi-layer drills cut faster and run cooler than any other drill on the market. They have a full 3/8" (9.5 mm) deep cutting surface filled with diamonds and bronze bond, which allows for extended drill life, but also makes this style drill more fragile. They should always be used in true running machines on flat glass surfaces.

For our complete line of CRL "PD" and "PDT" Series Drills, go to **crlaurence.com** and enter PD DRILLS or PDT DRILLS in the Search Box.

- **Straight Shank and Belgian Thread Type**
- **Designed for High Volume Glass Fabrication**
- **A Full 3/8" (9.5 mm) of Diamond Matrix Depth**

PROTECT



Magnified View of Diamond Crystals



MORE CHOICES crlaurence.com



PD STRAIGHT SHANK DRILLS

CAT. NO.	DIAMETER	RPM RANGE
PD2	2" (50.8 mm)	2250-2750
PD214	2-1/4" (57.2 mm)	1750-2250

Minimum order: 1 each. All CRL Diamond Drills can be combined for quantity pricing.

PDT BELGIAN THREAD DRILLS

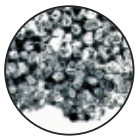
CAT. NO.	DIAMETER	RPM RANGE
PDT2	2" (50.8 mm)	2250-2750
PDT214	2-1/4" (57.2 mm)	1750-2250

Minimum order: 1 each. All CRL Diamond Drills can be combined for quantity pricing.

CRL Amazing Glazing Plated Diamond Drills

PROTECT

- **Unique Aggressive Sawtooth Profile**
- **Our Most Durable Style Drill**



Magnified View of Diamond Crystals

CRL Amazing Glazing Plated Diamond Drills are perfect for use in portable tripod and cup style machines. With their special sawtooth design, these drills tend to be more aggressive than others. Use with CRL Diamond Tool Coolant in conjunction with a retaining ring for best results.



For our complete line of CRL "AG" Series Drills, go to **crlaurence.com** and enter AG DRILLS in the Search Box.

CAT. NO.	DIAMETER	RPM RANGE
AG2	2" (50.8 mm)	1100-1400
AG214	2-1/4" (57.2 mm)	900-1100

Minimum order: 1 each. All CRL Diamond Drills can be combined for quantity pricing.

CRL Sharpening Stones

PROTECT

- **Brings Life Back to Your Production Diamond Drills**
- **Use to Expose Fresh Diamonds**



Achieve maximum life from your diamond drills by using the correct Sharpening Stone. These highly abrasive stones remove worn diamond and bond contact, exposing fresh cutting crystals. CRL Sharpening Stones are designed for use with CRL Production Style Metal Bond and Electro-Formed Diamond Drills. When using a CRL Sharpening Stone, make sure the drill diameter is smaller than the sharpening surface. Always thoroughly saturate CRL Sharpening Stones in coolant before use. This will avoid any unnecessary heating of the drill bit.

CAT. NO.	SIZE
PDSS	2" (50.8 mm) x 7" (177.8 mm) x 1/2" (12.7 mm)
PDSS3	4" (101.6 mm) x 6" (152.4 mm) x 1" (25.4 mm)
PDSS4	6" (152.4 mm) x 8-1/2" (215.9 mm) x 1/2" (12.7 mm)

Minimum order: 1 each.

CRL Diamond Tool Coolant Concentrate

- **An Excellent Coolant for Glass Drilling, Cutting or Routing**
- **Extends the Life of the Tool**

CRL Diamond Tool Coolant Concentrate is mixed with water to create an excellent coolant solution for drilling, sawing, and routing glass. It is economical to use, because of a ratio of 50 parts water to one part Concentrate is all it takes for optimum cooling and lubricating performance. CRL Diamond Tool Coolant Concentrate is biodegradable, which means it can be safely disposed of in your shop's drain without causing harm to the environment.



1 Quart (945 ml)



8 Fl. Oz (236 ml)



1 Gallon (3.785 l)

CAT. NO.	CONTENTS
DTC80Z	8 Ounces (236 ml)
DTC80QT	One Quart (945 ml)
DTC80GL	One Gallon (3.785 l)

Minimum order: 1 each.

CRL Suction Base Drilling Rings

- **Instantly Creates a Coolant Dam**
- **Slanted Walls Helps Stop Splashing**



Use our Suction Base Drilling Rings for drilling glass whenever you use coolant or carbide grain. Made of a special rubber compound that won't break the glass if accidentally dropped on it. Easy to use, just wet the base with coolant or glass cleaner and press onto the glass. Four sizes of round rings, plus an oval shaped ring for drilling dual outlets. Diameters are measured inside the ring.



CAT. NO.	DESCRIPTION
RR15	1-1/2" (38.1 mm) Round Ring
RR30	3" (76.2 mm) Round Ring
RR45	4-1/2" (114.3 mm) Round Ring
RR65	6-1/2" (165.1 mm) Round Ring
RR24	2" x 4" (50.8 x 101.6 mm) Oval Ring with Plug
RP20	2" (50.8 mm) Tapered Plug Only

Minimum order: 1 each.

CRL 12 Volt Mirror and Glass Notching Saw

MORE INFORMATION crlaurence.com

PROTECT

- 12V Lithium-Ion Battery Powered – Completely Self-Contained
- Makes Plunge Cuts and Edge Cuts
- Refillable Coolant Dispenser



CAT. NO. NS4000

The CRL NS4000 12V Cordless Notching Saw Kit is an example of innovative CRL design and engineering. The NS4000 combines the latest technology from the Makita® Lithium-Ion power system, and a coolant delivery system featuring a unique body mount designed and assembled by CRL. Using this 1400 RPM Notching Saw to cut notches and cut outs in glass and mirror is simple and fast. The thin 3-3/8" (85 mm) diamond blade provides very narrow stock removal so measurements remain accurate. Makes edge cuts or plunge cuts in glass up to 1/2" (12 mm) thick. Lithium-Ion battery pods do not retain charging memory so each charge brings battery back to 100%. These batteries also retain charge with little or no power loss during storage.

Standard Equipment Includes: Two Rechargeable Lithium-Ion Battery Cartridges, 110V Battery Charger, Blade Wrench, 3-3/8" (85 mm) Carbide Tip Blade, 3-3/8" (85 mm) Diamond Smooth Cut Blade, Coolant Dispenser, Full instructions for use.

CAT. NO.	DESCRIPTION
NS4000	12V Mirror and Glass Notching Saw - 110 Volt
NS3B	3-3/8" (85 mm) Diamond Smooth Cut Glass and Mirror Blade
7249508C	3-3/8" (85 mm) Diamond Tile Cutting Blade
BL1014	12V DC Lithium-Ion Battery Cartridge
DC10WB	12V Lithium-Ion Battery Charger - 110 Volt
DTC80Z	8 Oz. (236 ml) Diamond Tool Coolant
NS3PB	Coolant Dispenser Bottle

Minimum order: 1 each.



3-3/8" (85 mm) Optional Diamond Tile Cutting Blade



3-3/8" (85 mm) Included Diamond Smooth Cut Glass and Mirror Blade



Diamond Metal Bond Edge of NS3B Blade

CRL 18 Volt Cordless Diamond Glass Saw Kit

PROTECT VIDEO

- Powerful 18 Volt Cordless Saw Cuts 1/4" to 3/4" (6 to 19 mm) Thick Glass
- Polycarbonate Base Won't Scratch Mirror



CAT. NO. LD172

The CRL 18 Volt Cordless Diamond Glass Saw utilizes a powerful 18V DC battery to cut glass quickly, leaving a beautiful chip-free finish. This powerful saw will plunge, straight, and angle cut thin and thick glass from 1/4" (6 mm) up to 3/4" (19 mm) thick with power to spare.

The LD172 utilizes a thin kerf, 5-3/8" (136.5 mm) Diamond Blade and a Pressurized Coolant System with an easy disconnect feature. Use the single nozzle coolant line for glass up to 1/4" (6 mm) thick, or the double nozzle coolant line for thicker glass. It has a polycarbonate base to provide a smooth cutting surface with less chance for scratching the glass. A molded plastic case keeps your saw and accessories safe and organized. The Medium 100 Grit Diamond Blade (Cat. No. DBM) offers fast cutting speeds where edge quality is not critical. You can also use the optional Fine 220 Grit Diamond Blade (Cat. No. DBF). Although slower cutting than the DBM Diamond Blade, it produces an extremely smooth edge. Blades are adjustable from 90 degrees to 45 degrees for miter cuts.

Standard Equipment Includes: 18 Volt Cordless Saw, 5-3/8" (136.5 mm) Medium 100 Grit Diamond Blade, 18V DC Battery Cartridge, One Hour 18V DC Battery Charger, Pressurized Coolant System, Quart of Diamond Tool Coolant, and a Carrying Case.

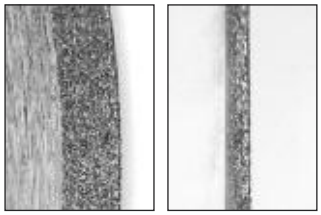
CAT. NO.	DESCRIPTION
LD172	18V Cordless Diamond Glass Saw Kit - 110 Volt
DBF	5-3/8" (136.5 mm) Fine 220 Grit Diamond Blade
DBM	5-3/8" (136.5 mm) Medium 100 Grit Diamond Blade
LD172B	18V DC Battery Cartridge
LD172C	One Hour 18V DC Battery Charger - 110 Volt
LD172C240V	One Hour 18V DC Battery Charger - 240 Volt
LD172PT	1 Gallon (3.8 l) Pressure Tank

Minimum order: 1 each.

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DBM and DBF Diamond Blades



Diamond Plated Edge

CRL 5" Disc Sander

- Powerful Motor Provides 5,000 RPM
- 120V/60Hz or 240V/50Hz

PROTECT



The CRL 5" (127 mm) Disc Sander is a compact, lightweight tool for sanding and polishing. It has a powerful, double-insulated 3.5 AMP motor that delivers 5,000 RPM for fast and efficient sanding. Lightweight for easy handling, it features a motor-over-the-pad design for better balance and control.

CAT. NO.	DESCRIPTION
LD903	5" (127 mm) Disc Sander – 120 Volts
LD903AU	5" (127 mm) Disc Sander – 240 Volts

Minimum order: 1 each.

CRL Makita® 5" Disc Sander-Polisher

- 4500 RPM for Fast and Efficient Sanding
- Lightweight Unit Weighs Only 2.6 Pounds

PROTECT



CAT. NO. GV5000

This CRL Makita® 5" (127 mm) Disc Sander is a compact, lightweight tool for sanding and polishing. It has a powerful, double insulated 4.2 AMP (115V AC) Motor that delivers 4500 RPM for fast and efficient sanding. Minimum order is one each. **NOTE:** To use with Stick-On Sanding Discs see Cat. No. PAD5 and Cat. No. PAD6 Backup Pads below.

CRL Makita® 7" Disc Sander-Polisher

- Quick-Flip™ Speed Change

PROTECT



CAT. NO. PV7001C

This CRL Makita® 7" (177.8 mm) Disc Sander-Polisher is a compact, lightweight tool for sanding and polishing. It has a powerful, double insulated 7.9 AMP (115V AC) burnout protected Motor with a maximum speed of 2000 RPM. A Quick-Flip™ Speed Change Button lets you choose two speed settings: Low (600 RPM) and Variable (600 to 2000 RPM). Minimum order is one each. **NOTE:** To use with Stick-On Sanding Discs see Cat. No. PAD7 Backup Pad below.

CRL Stick-On Sanding Discs

- 100% Polyester Backing With Pressure Sensitive Adhesive
- Peel and Stick Application Saves Time
- Three Popular Sizes: 5", 6", 7"



50 of one size and grit per box.

5" (127 MM) SIZE

CAT. NO.	GRIT
PSA560	60X
PSA580	80X
PSA5120	120X
PSA5220	220X
PSA5400	400X

6" (152.4 MM) SIZE

CAT. NO.	GRIT
PSA660	60X
PSA680	80X
PSA6120	120X
PSA6220	220X
PSA6400	400X

7" (177.8 MM) SIZE

CAT. NO.	GRIT
PSA760	60X
PSA780	80X
PSA7120	120X
PSA7220	220X
PSA7400	400X

Minimum order: 50 each (1 box). All sizes and grits can be combined for quantity pricing.

CRL Sanding Discs

- Fast Grinding 100% Polyester Backed Discs
- Bolt-On Type With Hole in Center Fits Most Disc Sanders
- Three Popular Sizes: 5", 6", 7"



Hole size is 7/8" (22 mm).
50 of one size and grit per box.

5" (127 MM) SIZE

CAT. NO.	GRIT
5X7860CB	60X
5X7880CB	80X
5X78120CB	120X
5X78220CB	220X
5X78400CB	400X

6" (152.4 MM) SIZE

CAT. NO.	GRIT
6X7860CB	60X
6X7880CB	80X
6X78120CB	120X
6X78220CB	220X
6X78400CB	400X

7" (177.8 MM) SIZE

CAT. NO.	GRIT
7X7860CB	60X
7X7880CB	80X
7X78120CB	120X
7X78220CB	220X
7X78400CB	400X

CRL Backup Pads

- Holds "PSA" Stick-On Sanding Discs



CAT. NO. PAD5 5"



CAT. NO. PAD6 6"



CAT. NO. PAD7 7"



CAT. NO. 5704

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CRL PAD5 and PAD6 Backup Pads can be used with GV5000 Sander-Polisher or units accepting a 3/8" long, 5/16"-18 male stud. The PAD7 is compatible with our PV7001C Sander. It can also be used with the CRL Cat. No. 5704 Shank Adapter in any 1/4" or 3/8" electric drill.

CAT. NO.	SIZE	MOUNTING TYPE
PAD5	5" (127 mm)	3/8" (9.5 mm) Long, 5/16"-18 Male Stud
PAD6	6" (152.4 mm)	3/8" (9.5 mm) Long, 5/16"-18 Male Stud
PAD7	7" (177.8 mm)	5/8"-11 Thread Adapter
5704	---	5/8"-11 to 1/4" Diameter Shank Adapter

Minimum order: 1 each.

CRL Multi Function Tool

MORE INFORMATION crlaurence.com

- Multiple Use Tool With Variable Speed Oscillating Head
- Perfect for Glass Sanding, Edging, Sealant Cut-Outs and More
- Double Insulated and UL Approved

PROTECT



The CRL MFT1 Multi Function Tool is perfect for glass edge seaming. The variable speed head oscillates at 11,000 to 22,000 oscillations per minute. The Kit comes complete with the double insulated Multi Function Tool, plastic storage case, five assorted blades, triangle backer pad, and a blade wrench. For additional information on blades go to **crlaurence.com**.

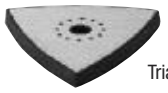
CAT. NO.	DESCRIPTION
MFT1	110V Multi Function Tool
MFT1AU	240V Multi Function Tool w/AU Plug
MFT1EU	220V Multi Function Tool w/EU Plug
MFTTSD	Triangle Backer Pad
MFT180X	80X Glass Grinding Triangles 50/BX
MFT1120X	120X Glass Grinding Triangles 50/BX
MFT1220X	220X Glass Grinding Triangles 50/BX

Minimum order: 1 each for tool and accessories; 50 each for grinding triangles.





Grinding Triangles



Triangle Backer Pad

CRL 1/2" x 18" Detail Belt Sander NEW!

- Ideal for Intricate Finishing Work
- Includes Three Separate Belt Guide Arms

PROTECT

- Variable Speed



The CRL Detail Belt Sander is the ideal sander for getting into small or intricate areas for finishing detail work. Using 1/2" x 18" (13 x 457 mm) silicon carbide abrasive belts (sold separately), finishing the inside edges of circles or notches becomes simple and easy. The added bonus of this unique tool is the inclusion of two additional belt guide arms: One angled tip arm for the 1/2" x 18" belts that runs belts with a 45 degree sanding surface, and a mini belt guide arm that uses 5/16" x 18" (8 x 457 mm) abrasive belts for really intricate sanding jobs. All three arms are included with the sander in a black plastic storage and carry case. Go to **crlaurence.com** for specifications.

CAT. NO.	DESCRIPTION
LD1218	110V Detail Belt Sander
LD1218AU	240V Detail Belt Sander w/AU Plug
LD1218EU	220V Detail Belt Sander w/EU Plug

Minimum order: 1 each.

For Glass Grinding Belts see page TE035

CAT. NO. LD1218

CRL Makita® 3/8" x 21" Belt Sander

- Great for Small, Confined Areas
- Adjustable Sanding Arm
- Electronic Speed Control

PROTECT

- Lightweight, Only 3.5 Lbs (1.6 kg)
- 4.4 AMPS



The CRL Makita® 3/8" x 21" (9.5 x 533 mm) Belt Sander makes polishing notches and corners a breeze. Tight spaces no longer limit your ability to produce a quality edge. The sanding arm pivots a full 100 degrees for easy operation, while providing balance and high performance at any position. The electronically controlled motor provides sanding speeds from 980' to 5600' (298 to 1707 m) per minute for precision sanding and polishing in any position, and on any material thickness. There is also an easy quick-release lever for changing the abrasive belts. A belt tracking knob is conveniently located for fine adjustment of the belt, and no tools are needed for any of the adjustments. Minimum order is one each. Go to **crlaurence.com** for specifications.

For Glass Grinding Belts see page TE036

CAT. NO. 9032

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CRL 1-1/8" x 21" Belt Sander

MORE INFORMATION crlaurence.com

PROTECT

- Professional Quality Power Tool for Sanding Notches and Cut-Outs
- Side Handle for Easy Maneuverability
- Available in 110V, 220V, and 240V Models

The CRL 1-1/8" x 21" (29 x 533 mm) Belt Sander's design is compact and lightweight for close quarter work with excellent maneuverability, making it ideal for sanding irregular openings or shapes. The 4.2 AMP motor provides excellent results at variable speeds from 656' to 3,280' (200 to 1,000 m) per minute.



For Glass Grinding Belts
see page TE037

CAT. NO.	DESCRIPTION
LD118	Belt Sander 110V
LD118AU	Belt Sander 240V AU Plug
LD118EU	Belt Sander 220V EU Plug

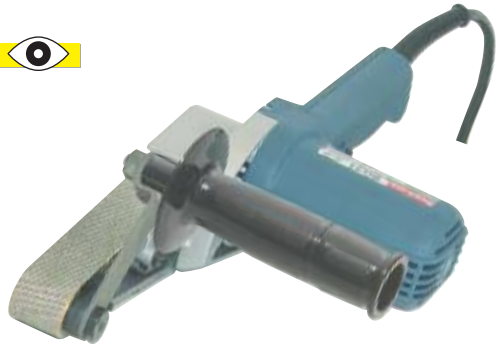
Minimum order: 1 each.

CRL Makita® 1-1/8" x 21" Belt Sander

PROTECT

- Extremely Popular Portable Sander for Sanding Notches and Cut-Outs
- Available in 110V and 240V Models

The CRL Makita® 1-1/8" x 21" (29 x 533 mm) Belt Sander is compact and lightweight for close quarter work, with excellent maneuverability for sanding irregular openings or shapes. The 5 AMP motor drives the belt from 656' to 3,280' (200 to 1,000 m) per minute for maximum performance. A multi-position side handle lets you maneuver it with less operator fatigue. Comes with 10 Abrasive Belts (two each of five different grits).





For Glass Grinding Belts
see page TE037

CAT. NO.	DESCRIPTION
9031M	Belt Sander 110V
9031	Belt Sander 240V AU Plug
EU9031M	Belt Sander 240V EU Plug

Minimum order: 1 each.

CRL 3" x 18" Belt Sander With Dust Bag

PROTECT

- Compact, Ergonomic Design
- 110V, 240V, and 220V Models
- Uses 3" x 18" (76 x 457 mm) Belts
- Sands Cleanly

CRL's 3" x 18" (76 x 457 mm) Belt Sander is powered by a strong 7.0 AMP motor which drives the belt at 1,240' (380 m) per minute. Features include an efficient dust collection system, a belt tracking system, lock-on switch for continuous use, and external brush caps for easy brush changes.





For Glass Grinding Belts
see page TE038

CAT. NO.	DESCRIPTION
LD318	Belt Sander 120V With Dust Bag
LD318AU	Belt Sander With Dust Bag/240V AU Plug
LD318EU	Belt Sander With Dust Bag/220V EU Plug

Minimum order: 1 each.

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CRL 3" x 21" Belt Sander With Dust Bag

PROTECT

MORE INFORMATION crlaurence.com

- Double Insulated and Sands Cleanly With Dust Collector
- Professional Quality Power Tool

This highly portable, 3" x 21" (76 x 533 mm) CRL Belt Sander with Dust Bag is lightweight and easy to maneuver. It features a powerful 7.8 AMP motor for fast and even belt tracking, an efficient dust collector bag, a lock-on switch, and an extra long power cord.

CAT. NO.	DESCRIPTION
LD321	Belt Sander 110V With Dust Bag
LD321AU	Belt Sander With Dust Bag/240V AU Plug
LD321EU	Belt Sander With Dust Bag/220V EU Plug

Minimum order: 1 each.



For Glass Grinding Belts see page TE039



CRL Makita® 3" x 21" Belt Sander With Dust Bag

- Double Insulated
- Sands Cleanly
- Lever Control for Belt Replacement

PROTECT

This highly portable CRL Makita® 3" x 21" (76 x 533 mm) Belt Sander is lightweight and easy to maneuver. A powerful 8.8 AMP motor drives the belt from 690' to 1,440' (210 to 439 m) per minute to match the speed to the application. Features include an efficient dust collector, a lock-on switch, an extra long power cord, and flush-to-wall standard design. Minimum order is one each.



For Glass Grinding Belts see page TE039



CAT. NO. 9903

CRL 3" x 24" Portable Belt Sander With Dust Bag

- Professional Quality Power Tool
- Sands Cleanly
- Double Insulated

PROTECT

The CRL LD324 Belt Sander powers our most common abrasive belt: 3" x 24" (76 x 610 mm). This heavy-duty 10 AMP power sander comes with a dust bag and is ruggedly built to provide years of service. Belt tensioning lever and belt centering adjustment screw are simple to use and easily accessible. Minimum order is one each.



For Glass Grinding Belts see page TE040



CAT. NO. LD324

CRL Makita® 3" x 24" Portable Belt Sander With Dust Bag

- Fast-Sanding Belt Speed With Lever Control for Quick Belt Change
- Sands Cleanly
- 1,300' (396 m) Per Minute
- Powerful 7.8 AMP Motor

PROTECT

One of our most popular sanders, the CRL Makita® 9924DB uses any 3" x 24" (76 x 610 mm) abrasive or polishing belt. Lever control allows belts to be changed easily and quickly. A unique design allows flush-to-wall sanding, and an adjustable tracking mechanism ensures proper belt tension. Minimum order is one each.



For Glass Grinding Belts see page TE040



CAT. NO. 9924DB

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CRL Standoff and Glass Connection Systems

CRL's Family of Standoff Products Can Be Used Independently or Together to Create Unique Designs

MORE INFORMATION crlaurence.com

C.R. Laurence has more than Standoffs. We offer a complete family of Standoff related products. From our standard line of Round and Square Standoffs, to Custom Standoffs, Cap Assemblies, Tube Style Standoffs, Edge Grips, Slot Mount Standoffs, Accent Rings, Swivel Fittings, Framepegs, and Mounting Hardware, CRL has everything you will need to create innovative designs in architecture, store fixtures, signage, and furniture.

CRL's Standoff Display System provides architects and designers unlimited resources for retail store, commercial or restaurant applications. Most are available in Chrome, Brass, Brushed Stainless, Satin Chrome, and Gun Metal finishes. The following pages will provide the information you will require to select the perfect Standoff products for your project.



Slot Mount Standoffs



Round Standoff Bases



Tube Style Standoffs



Standard Cap Assemblies



Square Standoff Bases



Edge Grips



Framepegs



Standoff Tube Adaptors



Low Profile Cap Assemblies



Accent Rings



Flush Mount Cap Assemblies





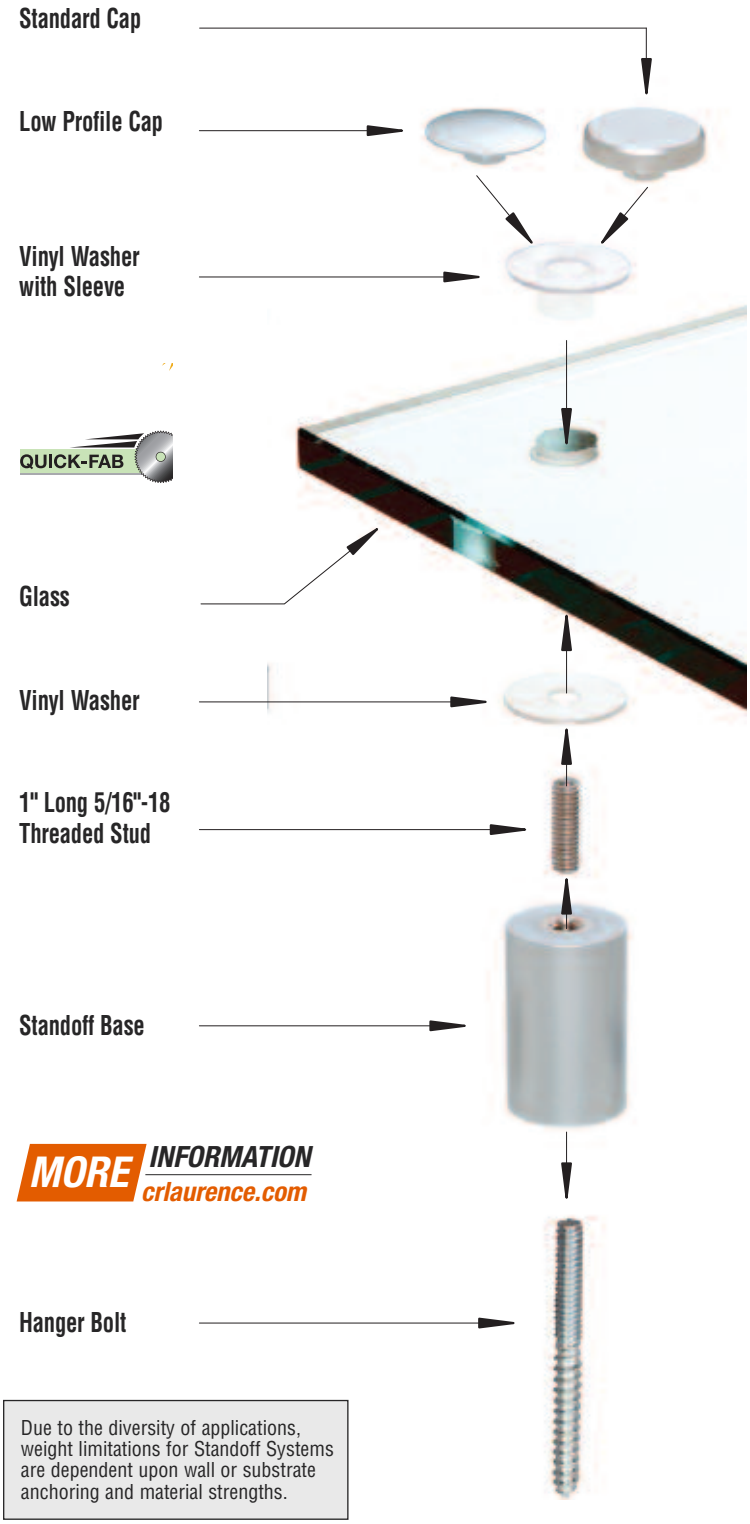






What Are Some of the Applications for CRL Standoff Systems?

• Typical Installation for 1-1/4" (31.7 mm) Diameter Standoff Base and Cap



Due to the diversity of applications, weight limitations for Standoff Systems are dependent upon wall or substrate anchoring and material strengths.

Standoffs and Cap Assemblies are used to create innovative designs in commercial, retail or residential environments by combining glass and metal to connect panels, display merchandise, to mount signage or artwork to a wall, or to build unique displays. Standoffs can also be used to elevate a glass top above a reception desk, cocktail or lamp table, kitchen counter or bathroom sink. The uses for CRL Standoffs are virtually limitless.



Which CRL Standoff System Should I Use?

CRL provides the most diverse selection of Standoff products available anywhere. Our 1/2" (12.7 mm) diameter Standoffs are a favorite for lighter weight glass displays or signage. 3/4" (19 mm) diameter Standoffs are the perfect design element for industrial projects such as exhibit building or retail display projects. CRL's 1-1/4" to 2" (31.7 to 50.8 mm) diameter Standoffs are designed to provide solutions for a vast variety of projects. Used to support heavier thicknesses of glass, the applications for this product are only limited by your imagination.



CRL Custom Standoff Capabilities

CRL Custom Standoffs and Cap Assemblies are available in diameters and squares from 1/2" to 4" (12.7 to 102 mm), and in many popular finishes, including powder coating. Fabricated in CRL's California manufacturing facility, most Custom Standoff products are produced to your specifications and have short lead times.

CRL 1/2" (12.7 mm) Diameter Standoff Bases



Due to the diversity of applications, weight limitations for Standoff Systems are dependent upon wall or substrate anchoring and material strengths.



Diameter



Not internally threaded

- **Available in Two Distinct 316 Stainless Steel Finishes**

NOTE: 1/2" (12.7 mm) Diameter Standoff Bases do not have internal threads. Attach Allen Screw, Hanger Bolt or Threaded Rod directly to the Cap Assembly for anchoring to substrate.

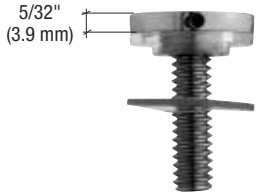
LENGTH	BRUSHED 316 STAINLESS CAT. NO.	POLISHED 316 STAINLESS CAT. NO.
1/4" (6.3 mm)	S0B1214BS	S0B1214PS
1/2" (12.7 mm)	S0B1212BS	S0B1212PS
3/4" (19 mm)	S0B1234BS	S0B1234PS
1" (25.4 mm)	S0B121BS	S0B121PS
1-1/4" (31.8 mm)	S0B12114BS	S0B12114PS
1-1/2" (38.1 mm)	S0B12112BS	S0B12112PS

Minimum order: 1 each. All Standoffs can be combined for quantity pricing.
NOTE: Minimum material thickness for use with 1/2" (12.7 mm) Diameter Standoff Bases is 3/16" (4.7 mm).

CRL Cap Assemblies for 1/2" (12.7 mm) Standoffs

MORE INFORMATION crlaurence.com

- **Finishes Match Standoff Bases**



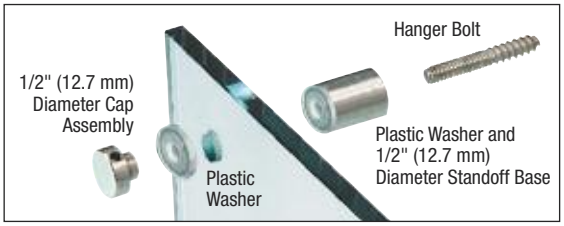
GLASS FAB

5/16" (8 mm) hole required

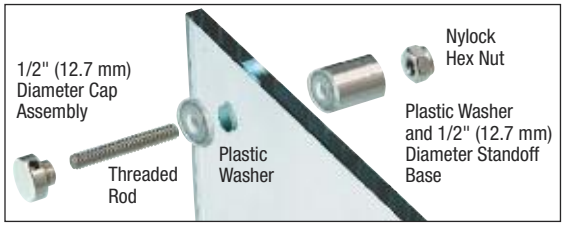
CAT. NO.	FINISH/DESCRIPTION
CAP12BS	Brushed Stainless
CAP12PS	Polished Stainless
SW012S	Replacement Washer (3/16" dia hole)
SW012L	Replacement Washer (1/4" dia hole)

Minimum order: 1 each. All Standoff Caps can be combined for quantity pricing.

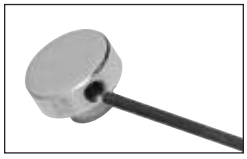
CRL Mounting Accessories for 1/2" (12.7 mm) Diameter Standoffs



Install Hanger Bolt into stud or wall anchor. Then slip on the non-threaded Standoff Base, Plastic Washer, panel material, Plastic Washer, and attach the Cap.



Install Threaded Rod through Plastic Washer, panel material, Plastic Washer, Standoff Base, substrate, and into Hex Nut or Tee Nut. Attach the Cap.



Tighten Cap down by using CRL Cat. No. 666564 Drill Bit. Insert into the side hole and tighten until snug.
NOTE: Do not over tighten.



HEX NUT

CAT. NO.	FINISH	SIZE
HN1024S	Stainless	10-24

Minimum order: 10 each. Must be ordered in increments of 10.



NYLOCK HEX NUT

CAT. NO.	FINISH	SIZE
NLN1024S	Stainless	10-24

Minimum order: 10 each. Must be ordered in increments of 10.



TEE NUT

CAT. NO.	FINISH	SIZE
TN1024Z	Zinc	10-24

Minimum order: 10 each. Must be ordered in increments of 10.



LOCK WASHER

CAT. NO.	FINISH	SIZE
LW10S	Stainless	10-24

Minimum order: 10 each. Must be ordered in increments of 10.



FLAT WASHER

CAT. NO.	FINISH	SIZE
FW10S	Stainless	10-24

Minimum order: 10 each. Must be ordered in increments of 10.



HANGER BOLT DRIVER

CAT. NO.	SIZE
165HB1024	10-24

Minimum order: 1 each.



ALLEN SCREWS

CAT. NO.	FINISH	SIZE
AS102434	Stainless	10-24 x 3/4" (19 mm)
AS10241	Stainless	10-24 x 1" (25.4 mm)

Minimum order: 10 each. Must be ordered in increments of 10.



THREADED ROD

CAT. NO.	FINISH	SIZE
TR1024X36S	Stainless	10-24 x 36" (914 mm)

Minimum order: 1 each.



HANGER BOLTS

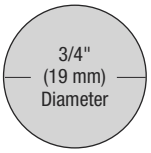
CAT. NO.	FINISH	SIZE
HB10241Z	Zinc	10-24 x 1" (25.4 mm)
HB1024112Z	Zinc	10-24 x 1-1/2" (38.1 mm)
HB10242Z	Zinc	10-24 x 2" (50.8 mm)
HB1024212Z	Zinc	10-24 x 2-1/2" (63.5 mm)

Minimum order: 10 each. Must be ordered in increments of 10.

CRL 3/4" (19 mm) Diameter Standoff Bases

- 316 Stainless Steel Can Be Used Indoors or Outdoors
- Available in Up to Eight Lengths

CRL's 3/4" (19 mm) diameter Standoff's are the perfect design element for projects such as retail displays or exhibit building. 3/4" (19 mm) diameter Bases and Cap Assemblies can also be ordered in custom sizes.



Due to the diversity of applications, weight limitations for Standoff Systems are dependent upon wall or substrate anchoring and material strengths.

MORE CHOICES crlaurence.com



LENGTH	BRASS CAT. NO.	CHROME CAT. NO.	SATIN CHROME CAT. NO.	BRUSHED 316 STAINLESS CAT. NO.	POLISHED 316 STAINLESS CAT. NO.	GUN METAL CAT. NO.
1/4" (6.3 mm)	- - -	- - -	- - -	S0B3414BS	S0B3414PS	- - -
1/2" (12.7 mm)	- - -	- - -	- - -	S0B3412BS	S0B3412PS	- - -
3/4" (19 mm)	S0B3434BR	S0B3434CH	S0B3434SC	S0B3434BS	S0B3434PS	S0B3434GM
1" (25.4 mm)	S0B341BR	S0B341CH	S0B341SC	S0B341BS	S0B341PS	S0B341GM
1-1/2" (38.1 mm)	S0B34112BR	S0B34112CH	S0B34112SC	S0B34112BS	S0B34112PS	S0B34112GM
2" (50.8 mm)	S0B342BR	S0B342CH	S0B342SC	S0B342BS	S0B342PS	S0B342GM
4" (101.6 mm)	S0B344BR	S0B344CH	S0B344SC	S0B344BS	S0B344PS	S0B344GM
6" (152.4 mm)	S0B346BR	S0B346CH	S0B346SC	S0B346BS	S0B346PS	S0B346GM

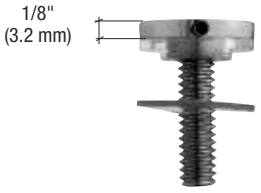
Minimum order: 1 each. All Standoffs can be combined for quantity pricing.
NOTE: Minimum material thickness for use with 3/4" (19 mm) Diameter Standoff Bases is 3/16" (4.7 mm).

CRL Cap Assemblies for 3/4" (19 mm) Diameter Standoffs

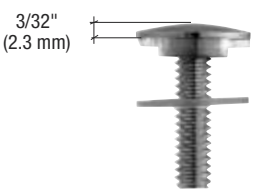
- Choice of Two Styles Available

GLASS FAB

1/2" (12.7 mm) hole required



Standard Cap Assembly
1/4" - 20 Thread



Low Profile Cap Assembly
1/4" - 20 Thread

CAP ASSEMBLIES

CAP	BRASS CAT. NO.	CHROME CAT. NO.	SATIN CHROME CAT. NO.	BRUSHED 316 STAINLESS CAT. NO.	POLISHED 316 STAINLESS CAT. NO.	GUN METAL CAT. NO.
Standard	CAP34BR	CAP34CH	CAP34SC	CAP34BS	CAP34PS	CAP34GM
Low Profile	LPC34BR	LPC34CH	LPC34SC	LPC34BS	LPC34PS	LPC34GM

Minimum order: 1 each. Finishes can be combined for quantity pricing.

VINYL WASHERS

CAT. NO.	DESCRIPTION
HW058	Vinyl Washer
HW057	Vinyl Washer With Sleeve

Minimum order: 10 each.

CRL Accessory Options for 3/4" (19 mm) Diameter Standoffs

- Adaptors Fit 1-1/2" (38.1 mm) and 2" (50.8 mm) Tubing
- Use a Cat. No. RN1420 Riv-Nut (See Page GG055) for Securing the Standoff to the Tubing
- Just "Mix and Match"





Slide on Adaptor Over 1/4" - 20 Allen Screw



Attach Standoff Base

TUBE ADAPTORS FOR 3/4" (19 MM) DIAMETER STANDOFFS

ADAPTOR FOR 1-1/2" TUBING CAT. NO.	ADAPTOR FOR 2" TUBING CAT. NO.	FINISH
3STA112BR	3STA2BR	Brass
3STA112CH	3STA2CH	Chrome
3STA112BS	3STA2BS	Brushed 316 Stainless
3STA112SC	3STA2SC	Satin Chrome

Minimum order: 1 each. Finishes can be combined for quantity pricing.

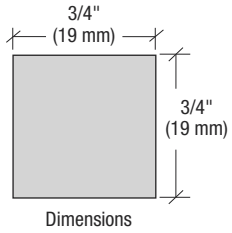
ACCENT RINGS

CAT. NO.	FINISH
AR34CH	Chrome
AR34BR	Brass

Minimum order: 1 each. Finishes can be combined for quantity pricing.

CRL 3/4" (19 mm) Square Standoff Bases





Dimensions

USE MONOLITHIC TEMPERED GLASS

CRL's Square Standoff Assemblies are uniquely designed to provide a different style of mounting hardware.

LENGTH	BRASS CAT. NO.	CHROME CAT. NO.	SATIN CHROME CAT. NO.
3/4" (19 mm)	SQ7575BR	SQ7575CH	SQ7575SC
1" (25.4 mm)	SQ751BR	SQ751CH	SQ751SC
1-1/2" (38.1 mm)	SQ75112BR	SQ75112CH	SQ75112SC
2" (50.8 mm)	SQ752BR	SQ752CH	SQ752SC
4" (101.6 mm)	SQ754BR	SQ754CH	SQ754SC

Minimum order: 1 each. All Standoffs can be combined for quantity pricing.
NOTE: Minimum material thickness for use with 3/4" (19 mm) Square Standoff Bases is 3/16" (4.7 mm).

CRL 3/4" (19 mm) Square Standoff Caps

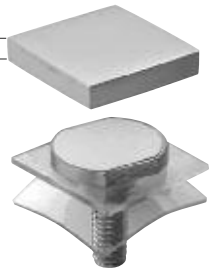
MORE INFORMATION crlaurence.com

CRL's Square Standoff Cap Assemblies are easily installed and aligned with the Square Standoff Bases due to our exclusive design. The secondary cap, with removable Allen screw, has two flat sides which are used to secure the cap to the panel material. The top cap is placed over the secondary cap, then aligned with the square base and held in position with undetectable double-sided tape.

GLASS FAB

9/16" (14 mm)
Hole Required

1/4"
(6.3 mm)



SQUARE CAPS ASSEMBLIES

CAT. NO.	FINISH
SCAP75BR	Brass
SCAP75CH	Chrome
SCAP75SC	Satin Chrome

Minimum order: 1 each. Finishes can be combined for quantity pricing.
NOTE: Mounting accessories for 3/4" (19 mm) Square Standoffs are shown below.

REPLACEMENT PARTS

CAT. NO.	DESCRIPTION
HW060	Washer with Sleeve
HW061	Flat Washer
AS141	1" (25.4 mm) Allen Screw

Minimum order: 1 each; 10 each for Allen Screws.

CRL Mounting Accessories for 3/4" (19 mm) Standoffs

Due to the diversity of applications, weight limitations for Standoff Systems are dependent upon wall or substrate anchoring and material strengths.



HEX NUTS

CAT. NO.	FINISH	SIZE
HN1420S	Stainless	1/4"-20
HN1420Z	Zinc	1/4"-20

Minimum order: 10 each. Must be ordered in increments of 10.



NYLOCK HEX NUTS

CAT. NO.	FINISH	SIZE
NLN1420S	Stainless	1/4"-20
NLN1420Z	Zinc	1/4"-20

Minimum order: 10 each. Must be ordered in increments of 10.



TEE NUT

CAT. NO.	FINISH	SIZE
TN1420Z	Zinc	1/4"-20

Minimum order: 10 each. Must be ordered in increments of 10.



LOCK WASHERS

CAT. NO.	FINISH	SIZE
LW14S	Stainless	1/4"-20
LW14Z	Zinc	1/4"-20

Minimum order: 10 each. Must be ordered in increments of 10.



FLAT WASHERS

CAT. NO.	FINISH	SIZE
FW14S	Stainless	1/4"-20
FW14Z	Zinc	1/4"-20

Minimum order: 10 each. Must be ordered in increments of 10.



RIV-NUT

CAT. NO.	FINISH	SIZE
RN1420	Zinc	1/4"-20

Minimum order: 10 each. Must be ordered in increments of 10. **NOTE:** Use with Cat. No. 34604 Heavy-Duty Thread Setter



HANGER BOLT DRIVER

CAT. NO.	SIZE
165HB1024	14"-20

Minimum order: 1 each.



STANDOFF WRENCH

CAT. NO.	FINISH	SIZE
S0W	Zinc	4-1/2" (114.3 mm)

Minimum order: 1 each. **NOTE:** Used for installation of CAP34 Cap Assemblies.



CONCRETE ANCHOR

CAT. NO.	SIZE
CA1420	1/4"-20

Minimum order: 1 each. **NOTE:** 5/16" (8 mm) hole required in concrete.



HANGER BOLTS

CAT. NO.	FINISH	SIZE
HB14112S	Stainless	1/4"-20 x 1-1/2" (38.1 mm)
HB14112Z	Zinc	1/4"-20 x 1-1/2" (38.1 mm)
HB14212S	Stainless	1/4"-20 x 2-1/2" (63.5 mm)
HB14212Z	Zinc	1/4"-20 x 2-1/2" (63.5 mm)

Minimum order: 1 each for Stainless; 10 each for Zinc.



THREADED RODS/ACORN NUTS

CAT. NO.	FINISH	SIZE
TR1420X36S	Stainless	1/4"-20 x 36" (914 mm)
TR1420X36Z	Zinc	1/4"-20 x 36" (914 mm)
ACN1420	Nickel	1/4"-20 Acorn Nut

Minimum order: 1 each for Rods; 10 each for Nuts.



ALLEN SCREWS

CAT. NO.	FINISH	SIZE
AS1434	Stainless	1/4"-20 x 3/4" (19 mm)
AS141	Stainless	1/4"-20 x 1" (25.4 mm)
AS14114	Stainless	1/4"-20 x 1-1/4" (31.8 mm)
AS14112	Stainless	1/4"-20 x 1-1/2" (38.1 mm)
AS14134	Stainless	1/4"-20 x 1-3/4" (44.4 mm)
AS142	Stainless	1/4"-20 x 2" (50.8 mm)

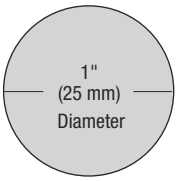
Minimum order: 10 each. Must be ordered in increments of 10.

CRL 1" (25 mm) Diameter Standoff Bases

Due to the diversity of applications, weight limitations for Standoff Systems are dependent upon wall or substrate anchoring and material strengths.



- **Brushed or Polished 316 Stainless Steel Finishes**



MORE INFORMATION crlaurence.com

LENGTH	BRUSHED 316 STAINLESS CAT. NO.	POLISHED 316 STAINLESS CAT. NO.
1/4" (6.3 mm)	S0B1014BS	S0B1014PS
1/2" (12.7 mm)	S0B1012BS	S0B1012PS
3/4" (19 mm)	S0B1034BS	S0B1034PS
1" (25.4 mm)	S0B101BS	S0B101PS
1-1/2" (38.1 mm)	S0B10112BS	S0B10112PS
2" (50.8 mm)	S0B102BS	S0B102PS
4" (101.6 mm)	S0B104BS	S0B104PS
6" (152.4 mm)	S0B106BS	S0B106PS

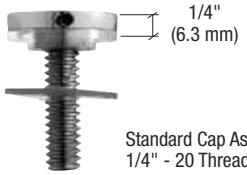
Minimum order: 1 each. All Standoffs can be combined for quantity pricing.
NOTE: Minimum material thickness for use with 1" (25 mm) Diameter Standoff Bases is 3/16" (4.7 mm).

CRL Cap Assemblies for 1" (25 mm) Diameter Standoffs

- **Brushed or Polished 316 Stainless Steel**



1/2" (12.7 mm) hole required



Standard Cap Assembly
1/4" - 20 Thread

CAT. NO.	FINISH/DESCRIPTION
CAP1BS	Brushed 316 Stainless
CAP1PS	Polished 316 Stainless
CWK1	Replacement Washer Only

Minimum order: 1 each. All Standoff Caps can be combined for quantity pricing.

CRL Stainless Steel Standoff Trim Plates

- **For Use With 3/4" or 1" (19 or 25 mm) Diameter Standoffs**



Standoff must be purchased separately



CAT. NO.	FINISH
S0TP1BS	Brushed 316 Stainless
S0TP1PS	Polished 316 Stainless

Minimum order: 1 each. Finishes can be combined for quantity pricing. Standoff Bases are not included.

CRL Mounting Accessories for 1" (25 mm) Standoffs



HEX NUTS

CAT. NO.	FINISH	SIZE
HN1420S	Stainless	1/4"-20
HN1420Z	Zinc	1/4"-20

Minimum order: 10 each. Must be ordered in increments of 10.



NYLOCK HEX NUTS

CAT. NO.	FINISH	SIZE
NLN1420S	Stainless	1/4"-20
NLN1420Z	Zinc	1/4"-20

Minimum order: 10 each. Must be ordered in increments of 10.



TEE NUT

CAT. NO.	FINISH	SIZE
TN1420Z	Zinc	1/4"-20

Minimum order: 10 each. Must be ordered in increments of 10.



LOCK WASHERS

CAT. NO.	FINISH	SIZE
LW14S	Stainless	1/4"-20
LW14Z	Zinc	1/4"-20

Minimum order: 10 each. Must be ordered in increments of 10.



FLAT WASHERS

CAT. NO.	FINISH	SIZE
FW14S	Stainless	1/4"-20
FW14Z	Zinc	1/4"-20

Minimum order: 10 each. Must be ordered in increments of 10.



RIV-NUT

CAT. NO.	FINISH	SIZE
RN1420	Zinc	1/4"-20

Minimum order: 10 each. Must be ordered in increments of 10. **NOTE:** Use with Cat. No. 34604 Heavy-Duty Thread Setter.



HANGER BOLT DRIVER

CAT. NO.	SIZE
165HB416	14"-20

Minimum order: 1 each.



STANDOFF WRENCH

CAT. NO.	FINISH	SIZE
S0W	Zinc	4-1/2" (114.3 mm)

Minimum order: 1 each.



CONCRETE ANCHOR

CAT. NO.	SIZE
CA1420	1/4"-20

Minimum order: 1 each. **NOTE:** 5/16" (8 mm) hole required in concrete.



HANGER BOLTS

CAT. NO.	FINISH	SIZE
HB14112S	Stainless	1/4"-20 x 1-1/2" (38.1 mm)
HB14112Z	Zinc	1/4"-20 x 1-1/2" (38.1 mm)
HB14212S	Stainless	1/4"-20 x 2-1/2" (63.5 mm)
HB14212Z	Zinc	1/4"-20 x 2-1/2" (63.5 mm)

Minimum order: 1 each for Stainless; 10 each for Zinc.



THREADED RODS/ACORN NUT

CAT. NO.	FINISH	SIZE
TR1420X36S	Stainless	1/4"-20 x 36" (914 mm)
TR1420X36Z	Zinc	1/4"-20 x 36" (914 mm)
ACN1420	Nickel	1/4"-20 Acorn Nut

Minimum order: 1 each for Rods; 10 each for Nuts.



ALLEN SCREWS

CAT. NO.	FINISH	SIZE
AS1434	Stainless	1/4"-20 x 3/4" (19 mm)
AS141	Stainless	1/4"-20 x 1" (25.4 mm)
AS14114	Stainless	1/4"-20 x 1-1/4" (31.8 mm)
AS14112	Stainless	1/4"-20 x 1-1/2" (38.1 mm)
AS14134	Stainless	1/4"-20 x 1-3/4" (44.4 mm)
AS142	Stainless	1/4"-20 x 2" (50.8 mm)

Minimum order: 10 each. Must be ordered in increments of 10.

CRL 1-1/4" (31.8 mm) Diameter Standoff Bases

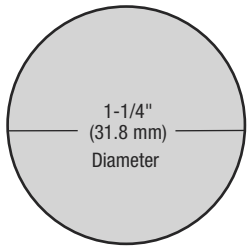
MORE INFORMATION crlaurence.com

Due to the diversity of applications, weight limitations for Standoff Systems are dependent upon wall or substrate anchoring and material strengths.

- Eight Different Lengths
- Custom Lengths and Finishes Available

USE MONOLITHIC TEMPERED GLASS

- Six Popular Decorator Finishes

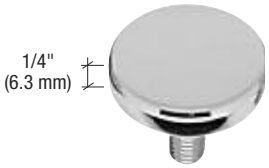




LENGTH	BRASS CAT. NO.	CHROME CAT. NO.	SATIN CHROME CAT. NO.	BRUSHED 316 STAINLESS CAT. NO.	POLISHED 316 STAINLESS CAT. NO.	GUN METAL CAT. NO.
1/4" (6.3 mm)	S0B11414BR	S0B11414CH	S0B11414SC	S0B11414BS	S0B11414PS	S0B11414GM
1/2" (12.7 mm)	S0B11412BR	S0B11412CH	S0B11412SC	S0B11412BS	S0B11412PS	S0B11412GM
3/4" (19 mm)	S0B11434BR	S0B11434CH	S0B11434SC	S0B11434BS	S0B11434PS	S0B11434GM
1" (25.4 mm)	S0B1141BR	S0B1141CH	S0B1141SC	S0B1141BS	S0B1141PS	S0B1141GM
1-1/2" (38.1 mm)	S0B114112BR	S0B114112CH	S0B114112SC	S0B114112BS	S0B114112PS	S0B114112GM
2" (50.8 mm)	S0B1142BR	S0B1142CH	S0B1142SC	S0B1142BS	S0B1142PS	S0B1142GM
4" (101.6 mm)	S0B1144BR	S0B1144CH	S0B1144SC	S0B1144BS	S0B1144PS	S0B1144GM
6" (152.4 mm)	S0B1146BR	S0B1146CH	S0B1146SC	S0B1146BS	S0B1146PS	S0B1146GM

Minimum order: 1 each. All Standoffs can be combined for quantity pricing. **NOTE:** Minimum material thickness for use with 1-1/4" (31.8 mm) diameter Standoff Bases is 1/4" (6.3 mm) when used with Standard and Low Profile Caps, and 3/8" (9.5 mm) when used with Flush Mount Cap.

CRL Cap Assemblies for 1-1/4" (31.8 mm) Diameter Standoffs





5/8" (16 mm) hole required





1-1/4" (31.8 MM) DIAMETER CAPS

CAT. NO.	FINISH/DESCRIPTION
CAP114BR	Brass
CAP114CH	Chrome
CAP114SC	Satin Chrome
CAP114BS	Brushed 316 Stainless
CAP114PS	Polished 316 Stainless
CAP114GM	Gun Metal
SW114L	Washer With Large Hole
SW114S	Washer With Small Hole
SM716	Vinyl Sleeve

Minimum order: 1 each. All Standoff Caps can be combined for quantity pricing.

LOW PROFILE CAP ASSEMBLY

CAT. NO.	FINISH/DESCRIPTION
LPC114BR	Brass
LPC114CH	Chrome
LPC114SC	Satin Chrome
LPC114BS	Brushed 316 Stainless
LPC114PS	Polished 316 Stainless
LPC114GM	Gun Metal
SW114L	Washer With Large Hole
SW114S	Washer With Small Hole
SM716	Vinyl Sleeve

Minimum order: 1 each. All Standoff Caps can be combined for quantity pricing.

NOTE: Fabrication Requirements for Flush Mount Cap: 3/4" Diameter Hole; 1-1/2" Countersink (to desired depth) Using Cat. No. BDC112 Diamond Countersink

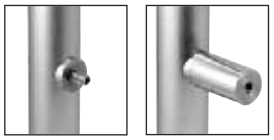
FLUSH MOUNT CAP ASSEMBLY

CAT. NO.	DESCRIPTION
CAPF114BS	Flush Mount Cap
CAP35S	1-3/8" (35 mm) Screw

Minimum order: 1 each.

CRL Accessory Options for 1-1/4" (31.8 mm) Diameter Standoffs

- Adaptors Fit 1-1/2" (38.1 mm) and 2" (50.8 mm) Tubing



Slide on Adaptor Over 5/16"- 18 Allen Screw and Attach Standoff Base

TUBE ADAPTORS

ADAPTOR FOR 1-1/2" TUBING CAT. NO.	ADAPTOR FOR 2" TUBING CAT. NO.	FINISH
STA112BR	STA2BR	Brass
STA112CH	STA2CH	Chrome
STA112BS	STA2BS	Brushed 316 Stainless
STA112SC	STA2SC	Satin Chrome

Minimum order: 1 each. All Tube Adaptors can be combined for quantity pricing.



Standoff must be purchased separately

STAINLESS STEEL TRIM PLATES

CAT. NO.	FINISH
S0TP114BS	Brushed 316 Stainless
S0TP114PS	Polished 316 Stainless

Minimum order: 1 each. Finishes can be combined for quantity pricing. Standoff Bases are not included.

- Add a Decorative Accent to Signage or Display Standoffs



ACCENT RING AND VINYL WASHER

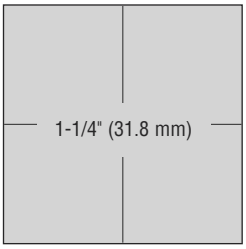
CAT. NO.	FINISH
AR114CH	Chrome
AR114BR	Brass

Minimum order: 1 each. All Accent Rings can be combined for quantity pricing.

CRL 1-1/4" (31.8 mm) Square Standoff Bases

• Standoff Configuration for Special Projects





Dimensions



Due to the diversity of applications, weight limitations for Standoff Systems are dependent upon wall or substrate anchoring and material strengths.

CRL's Square Standoff Assemblies are uniquely designed to provide a different style of mounting hardware.

LENGTH	BRASS CAT. NO.	CHROME CAT. NO.	SATIN CHROME CAT. NO.
3/4" (19 mm)	SQ12575BR	SQ12575CH	SQ12575SC
1" (25.4 mm)	SQ1251BR	SQ1251CH	SQ1251SC
1-1/2" (38.1 mm)	SQ125112BR	SQ125112CH	SQ125112SC
2" (50.8 mm)	SQ1252BR	SQ1252CH	SQ1252SC
4" (101.6 mm)	SQ1254BR	SQ1254CH	SQ1254SC

Minimum order: 1 each. All Standoffs can be combined for quantity pricing.
NOTE: Minimum material thickness for use with 1-1/4" (31.8 mm) Square Standoff Bases is 1/4" (6.3 mm).

CRL 1-1/4" (31.8 mm) Square Standoff Caps

MORE INFORMATION crlaurence.com

The Cap Assembly comes with a detachable 5/16"-18 x 1" Allen screw that requires a 5/8" (16 mm) hole for assembly. With this unique design there is no "adjustment" or "trial-and-error" required to line up the cap with the base.

GLASS FAB

5/8" (16 mm)
Hole Required





SQUARE CAPS ASSEMBLIES

CAT. NO.	FINISH
SCAP125BR	Brass
SCAP125CH	Chrome
SCAP125SC	Satin Chrome

Minimum order: 1 each. Finishes can be combined for quantity pricing.
NOTE: Mounting accessories for 3/4" (19 mm) Square Standoffs are shown below.

REPLACEMENT PARTS

CAT. NO.	FINISH
HW062	Washer with Sleeve
HW063	Flat Washer
AS5161	1" (25.4 mm) Allen Screw

Minimum order: 1 each; 10 each for Allen Screws.

CRL Mounting Accessories for 1-1/4" (31.8 mm) Standoffs



HEX NUTS

CAT. NO.	FINISH	SIZE
HN51618S	Stainless	5/16"-18
HN51618Z	Zinc	5/16"-18

Minimum order: 10 each. Must be ordered in increments of 10.



NYLOCK HEX NUTS

CAT. NO.	FINISH	SIZE
NLN51618S	Stainless	5/16"-18
NLN51618Z	Zinc	5/16"-18

Minimum order: 10 each. Must be ordered in increments of 10.



TEE NUT

CAT. NO.	FINISH	SIZE
TN51618Z	Zinc	5/16"-18

Minimum order: 10 each. Must be ordered in increments of 10.



LOCK WASHERS

CAT. NO.	FINISH	SIZE
LW516S	Stainless	5/16"-18
LW516Z	Zinc	5/16"-18

Minimum order: 10 each. Must be ordered in increments of 10.



FLAT WASHERS

CAT. NO.	FINISH	SIZE
FW516S	Stainless	5/16"-18
FW516Z	Zinc	5/16"-18

Minimum order: 10 each. Must be ordered in increments of 10.



RIV-NUT

CAT. NO.	FINISH	SIZE
ZRNUT	Zinc	5/16"-18

Minimum order: 10 each. Must be ordered in increments of 10. **NOTE:** Use with Cat. No. 34604 Heavy-Duty Thread Setter.



HANGER BOLT DRIVER

CAT. NO.	SIZE
165HB516	5/16" - 18

Minimum order: 1 each.



STANDOFF WRENCH

CAT. NO.	FINISH	SIZE
S0W	Zinc	4-1/2" (114.3 mm)

Minimum order: 1 each. **NOTE**: Used for installation of CAP114 Cap Assemblies.



CONCRETE ANCHOR

CAT. NO.	SIZE
CA51618	5/16"-18

Minimum order: 1 each. **NOTE:** 3/8" (10 mm) hole required in concrete.



HANGER BOLTS

CAT. NO.	FINISH	SIZE
HB516112S	Stainless	5/16"-18 x 1-1/2" (38.1 mm)
HB516112Z	Zinc	5/16"-18 x 1-1/2" (38.1 mm)
HB516212S	Stainless	5/16"-18 x 2-1/2" (63.5 mm)
HB516212Z	Zinc	5/16"-18 x 2-1/2" (63.5 mm)

Minimum order: 1 each for Stainless; 10 each for Zinc.



THREADED RODS/ACORN NUT

CAT. NO.	FINISH	SIZE
TR51618X36S	Stainless	5/16"-18 x 36" (914 mm)
TR51618X36Z	Zinc	5/16"-18 x 36" (914 mm)
ACN51618	Nickel	5/16"-18 Acorn Nut

Minimum order: 1 each for Rods; 10 each for Nuts.



ALLEN SCREWS

CAT. NO.	FINISH	SIZE
AS51634	Stainless	5/16"-18 x 3/4" (19 mm)
AS5161	Stainless	5/16"-18 x 1" (25.4 mm)
AS516114	Stainless	5/16"-18 x 1-1/4" (31.8 mm)
AS516112	Stainless	5/16"-18 x 1-1/2" (38.1 mm)
AS516134	Stainless	5/16"-18 x 1-3/4" (44.4 mm)
AS5162	Stainless	5/16"-18 x 2" (50.8 mm)

Minimum order: 10 each. Must be ordered in increments of 10.

CRL 1-1/2" (38.1 mm) Diameter Stainless Steel Standoff Bases

- Constructed of 316 Stainless Steel
- Custom Sizes and Finishes Are Also Available



CRL's 1-1/2" (38.1 mm) Diameter Standoff Bases are 3/8"-16 threaded at both ends up to 1" (25.4 mm) deep. They can be mounted using 3/8"-16 thread Allen Screws, Threaded Rods, or Hanger Bolts

Due to the diversity of applications, weight limitations for Standoff Systems are dependent upon wall or substrate anchoring and material strengths.

USE MONOLITHIC TEMPERED GLASS

LENGTH	BRUSHED 316 STAINLESS CAT. NO.	POLISHED 316 STAINLESS CAT. NO.
1/2" (12.7 mm)	S0B11212BS	S0B11212PS
3/4" (19 mm)	S0B11234BS	S0B11234PS
1" (25.4 mm)	S0B1121BS	S0B1121PS
1-1/2" (38.1 mm)	S0B112112BS	S0B112112PS
2" (50.8 mm)	S0B1122BS	S0B1122PS
4" (101.6 mm)	S0B1124BS	S0B1124PS

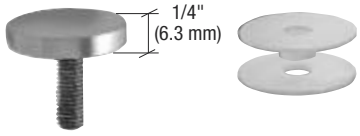
Minimum order: 1 each. All Standoff Bases can be combined for quantity pricing.

CRL Cap Assemblies for 1-1/2" (38.1 mm) Diameter Standoffs

GLASS FAB

5/8" (16 mm) hole required

CRL offers both standard Round Cap, Low Profile Cap or Flush Mount Cap. Our Flush Mount Cap Assembly is designed to be used with 1-1/2" (38.1 mm) Standoff Bases in applications where the Standoff Cap must be flush with the surface of the glass. The Flush Cap comes with a 22 mm, 3/8"-16 socket head screw with washers. The Flush Cap measures 1-3/8" (35 mm) in diameter. Minimum material thickness is 3/8" (9.5 mm).



1-1/2" (38.1 MM) ROUND CAP ASSEMBLY

CAT. NO.	FINISH/DESCRIPTION
CAP112BS	Brushed Stainless
CAP112PS	Polished Stainless
CWK112	Replacement Vinyl Washer Set

Minimum order: 1 each. All Standoff Caps can be combined for quantity pricing.



1-1/2" (38.1 MM) LOW PROFILE CAP ASSEMBLY

CAT. NO.	FINISH/DESCRIPTION
LPC112BS	Brushed 316 Stainless
LPC112PS	Polished 316 Stainless
CWK112	Replacement Vinyl Washer Set

Minimum order: 1 each. All Standoff Caps can be combined for quantity pricing.



CAT. NO. CAPF112BS
Flush Mount Cap



CAT. NO. CAP38S
1-1/2" (38.1 mm) Screw for Optional Use With Thicker Material

NOTE: Fabrication Requirements for Flush Mount Cap: 1" (25.4 mm) Diameter Hole; 1-1/2" (38.1 mm) Countersink (to desired depth) Using Cat. No. BDC112 Diamond Countersink

CRL 1-1/2" (38.1 mm) Diameter Clad Aluminum Standoffs

- Lightweight and Versatile



NOTE: Clad Aluminum Standoffs are not recommended for exterior or architectural applications.

CRL's 1-1/2" (38.1 mm) Diameter Clad Aluminum Standoff Bases have 3/8"-16 threads. 1" and 1-1/2" (25.4 and 38.1 mm) lengths are drilled and tapped through; the 2" (50.8 mm) to 6" (152.4 mm) lengths have 1" (25.4 mm) deep threads at both ends.

Due to the diversity of applications, weight limitations for Standoff Systems are dependent upon wall or substrate anchoring and material strengths.

USE MONOLITHIC TEMPERED GLASS

LENGTH	BRUSHED 316 STAINLESS CAT. NO.	POLISHED 316 STAINLESS CAT. NO.
1" (25.4 mm)	ACSB1121BS	ACSB1121PS
1-1/2" (38.1 mm)	ACSB112112BS	ACSB112112PS
2" (50.8 mm)	ACSB1122BS	ACSB1122PS
4" (101.6 mm)	ACSB1124BS	ACSB1124PS
6" (152.4 mm)	ACSB1126BS	ACSB1126PS

Minimum order: 1 each. All Standoff Bases can be combined for quantity pricing.

CRL Cap Assemblies for 1-1/2" (38.1 mm) Diameter Clad Aluminum Standoffs



CRL's 1-1/2" (38.1 mm) Caps for Clad Aluminum Standoffs are supplied with a 3/8"-16 x 1" (25.4 mm) Stainless Steel Allen Screw, and Washers.



1-1/2" (38.1 MM) ROUND CAP ASSEMBLY

CAT. NO.	FINISH/DESCRIPTION
ACSC112BS	Brushed 316 Stainless
ACSC112PS	Polished 316 Stainless
CWK112	Replacement Vinyl Washer Set

Minimum order: 1 each. All Standoff Caps can be combined for quantity pricing.

- Recommended for Desktops or Tables Where a Low Profile Design is Preferred

GLASS FAB

5/8" (16 mm) hole required

1-1/2" (38.1 MM) LOW PROFILE CAP ASSEMBLY

CAT. NO.	FINISH/DESCRIPTION
LPC112BS	Brushed 316 Stainless
LPC112PS	Polished 316 Stainless
CWK112	Replacement Vinyl Washer Set

Minimum order: 1 each. All Standoff Caps can be combined for quantity pricing.



CRL 2" (50.8 mm) Diameter Stainless Steel Standoff Bases

- **Made of 316 Stainless Steel**



CRL's 2" (50.8 mm) Diameter Standoff Bases can be mounted using the 3/8"-16 thread Allen Screws, Threaded Rods, or Hanger Bolts shown on page GG061. They are 3/8"-16 threaded up to 1" (25.4 mm) deep at both ends.

Due to the diversity of applications, weight limitations for Standoff Systems are dependent upon wall or substrate anchoring and material strengths.

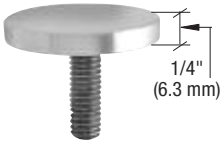
USE MONOLITHIC TEMPERED GLASS

LENGTH	BRUSHED 316 STAINLESS CAT. NO.	POLISHED 316 STAINLESS CAT. NO.
1/2" (12.7 mm)	S0B212BS	S0B212PS
3/4" (19 mm)	S0B234BS	S0B234PS
1" (25.4 mm)	S0B21BS	S0B21PS
1-1/2" (38.1 mm)	S0B2112BS	S0B2112PS
2" (50.8 mm)	S0B22BS	S0B22PS
4" (101.6 mm)	S0B24BS	S0B24PS

Minimum order: 1 each. All Standoff Bases can be combined for quantity pricing.

CRL Cap Assemblies for 2" (50.8 mm) Diameter Standoffs

MORE INFORMATION crlaurence.com



2" (50.8 MM) ROUND CAP ASSEMBLY

CAT. NO.	FINISH
CAP2BS	Brushed Stainless
CAP2PS	Polished Stainless

Minimum order: 1 each. All Standoff Caps can be combined for quantity pricing.



GLASS FAB

5/8" (16 mm) hole required



2" (50.8 MM) REPLACEMENT WASHERS

CAT. NO.	DESCRIPTION
CWK2	Replacement Vinyl Washer Set

Minimum order: 1 pack.



2" (50.8 MM) LOW PROFILE CAP ASSEMBLY

CAT. NO.	FINISH
LPC2BS	Brushed 316 Stainless
LPC2PS	Polished 316 Stainless

Minimum order: 1 each. All Standoff Caps can be combined for quantity pricing.

CRL 2" (50.8 mm) Diameter Clad Aluminum Standoffs

- **Lightweight and Versatile**



CRL's 2" (50.8 mm) Clad Aluminum Standoffs have an aluminum core and are beautifully clad in 316 stainless steel. This results in a lightweight product which can be used for most interior applications requiring Standoffs and Cap Assemblies.

NOTE: Clad Aluminum Standoffs are not recommended for exterior or architectural applications.

Due to the diversity of applications, weight limitations for Standoff Systems are dependent upon wall or substrate anchoring and material strengths.

USE MONOLITHIC TEMPERED GLASS

LENGTH	BRUSHED 316 STAINLESS CAT. NO.	POLISHED 316 STAINLESS CAT. NO.
1" (25.4 mm)	ACSB21BS	ACSB21PS
1-1/2" (38.1 mm)	ACSB2112BS	ACSB2112PS
2" (50.8 mm)	ACSB22BS	ACSB22PS
4" (101.6 mm)	ACSB24BS	ACSB24PS
6" (152.4 mm)	ACSB26BS	ACSB26PS

Minimum order: 1 each. All Standoff Bases can be combined for quantity pricing.

CRL Cap Assemblies for 2" (50.8 mm) Diameter Clad Aluminum Standoffs



- **Two 316 Stainless Finishes**

GLASS FAB

5/8" (16 mm) hole required

CRL's 2" (50.8 mm) Caps for Clad Aluminum Standoffs are supplied with a 3/8"-16 x 1" (25.4 mm) Stainless Steel Allen Screw, and Vinyl Washers. A hole in the side of the Cap is provided for tightening or loosening the Cap to the Standoff Base. Available in brushed or polished 316 stainless finishes to match our 2" (50.8 mm) Standoff Bases.

2" (50.8 MM) ROUND CAP ASSEMBLY

CAT. NO.	FINISH
ACSC2BS	Brushed 316 Stainless
ACSC2PS	Polished 316 Stainless

Minimum order: 1 each. All Standoff Caps can be combined for quantity pricing.

2" (50.8 MM) REPLACEMENT WASHERS

CAT. NO.	DESCRIPTION
CWK2	Replacement Vinyl Washer Set

Minimum order: 1 pack.

CRL Mounting Accessories for 1-1/2" (38.1 mm) and 2" (50.8 mm) Diameter Standoffs

MORE INFORMATION crlaurence.com



HEX NUTS

CAT. NO.	FINISH	SIZE
HN3816S	Stainless	3/8"-16
HN3816Z	Zinc	3/8"-16

Minimum order: 10 each. Must be ordered in increments of 10.



NYLOCK HEX NUTS

CAT. NO.	FINISH	SIZE
NLN3816S	Stainless	3/8"-16
NLN3816Z	Zinc	3/8"-16

Minimum order: 10 each. Must be ordered in increments of 10.



ACORN NUTS

CAT. NO.	FINISH	SIZE
ACN3816S	Stainless	3/8"-16
ACN3816Z	Zinc	3/8"-16

Minimum order: 10 each. Must be ordered in increments of 10.



LOCK WASHERS

CAT. NO.	FINISH	SIZE
LW38S	Stainless	3/8"-16
LW38Z	Zinc	3/8"-16

Minimum order: 10 each. Must be ordered in increments of 10.



FLAT WASHERS

CAT. NO.	FINISH	SIZE
FW38S	Stainless	3/8"-16
FW38Z	Zinc	3/8"-16

Minimum order: 10 each. Must be ordered in increments of 10.



TEE NUT

CAT. NO.	FINISH	SIZE
TN3816Z	Zinc	3/8"-16

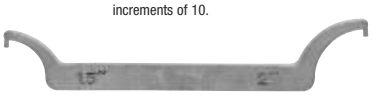
Minimum order: 10 each. Must be ordered in increments of 10.



HANGER BOLT DRIVER

CAT. NO.	SIZE
165HB616	3/8"-16

Minimum order: 1 each.



STANDOFF WRENCH

CAT. NO.	FINISH
SSW12	Zinc

Minimum order: 1 each.



CONCRETE ANCHOR

CAT. NO.	SIZE
CA3816	3/8"-16

Minimum order: 1 each.



HANGER BOLTS

CAT. NO.	FINISH	SIZE
HB38112S	Stainless	3/8"-16 x 1-1/2" (38.1 mm)
HB38112Z	Zinc	3/8"-16 x 1-1/2" (38.1 mm)
HB38212S	Stainless	3/8"-16 x 2-1/2" (63.5 mm)
HB38212Z	Zinc	3/8"-16 x 2-1/2" (63.5 mm)

Minimum order: 1 each for Stainless; 10 each for Zinc.



THREADED RODS

CAT. NO.	FINISH	SIZE
TR3816X36S	Stainless	3/8"-16 x 36" (914 mm)
TR3816X36Z	Zinc	3/8"-16 x 36" (914 mm)

Minimum order: 1 each.



ALLEN SCREWS

CAT. NO.	FINISH	SIZE
AS381	Stainless	3/8"-16 x 1" (25.4 mm)
AS38114	Stainless	3/8"-16 x 1-1/4" (31.8 mm)
AS38112	Stainless	3/8"-16 x 1-1/2" (38.1 mm)
AS38134	Stainless	3/8"-16 x 1-3/4" (44.4 mm)
AS382	Stainless	3/8"-16 x 2" (50.8 mm)

Minimum order: 10 each. Must be ordered in increments of 10.

CRL Adjustable Strap Wrench

- Tightens Standoff Base and Standard Style Caps Without Damaging Surfaces
- Strap Adjusts From 3/4" (19 mm) to 4" (102 mm) Diameter



CAT. NO. ASW12
Minimum order is 1 each.



CRL Plastic Flat Washers

- Provides Protection to Glass Surface
- Several Sizes Available

MORE CHOICES crlaurence.com



CAT. NO. SW012S



CAT. NO. SW114S



CAT. NO. SW114L



CAT. NO. SW2S

CAT. NO.	SCREW SIZE	DIAMETER	QTY/PKG
SW012S	#8	1/2" (13 mm)	10
SW012L	1/4"	1/2" (13 mm)	10
HW058	1/4"	3/4" (19 mm)	10
SW1S	1/4"	1" (25 mm)	10
SBP1PW	5/16"	1" (25 mm)	10
DH114GASK	#10	1-1/8" (29 mm)	10
SW114S	1/4"	1-1/4" (32 mm)	10
SW114L	1/4"	1-1/4" (32 mm)	10
SW2S	3/8"	2" (51 mm)	10

Minimum order: 10 each. Must be ordered in increments of 10.

CRL Stainless Steel Standoff



MORE INFORMATION crlaurence.com

Due to the diversity of applications, weight limitations for Standoff Systems are dependent upon wall or substrate anchoring and material strengths.

GLASS FAB
5/8" (16 mm) hole required

USE MONOLITHIC TEMPERED GLASS

The 1-3/16" (30.1 mm) diameter Stainless Steel Standoff is designed to be used with panels ranging in thickness from 1/4" to 1/2" (6.3 to 12.7 mm). The maximum recommended panel size for 1/2" (12 mm) glass is 39" x 79" (990 x 2006 mm), with a maximum weight per attachment point of 55 pounds (25 kg). The Allen Screw is 1-3/4" (44 mm) long.

NOTE: The SS30 Standoff is not compatible with other CRL Standoff Systems.



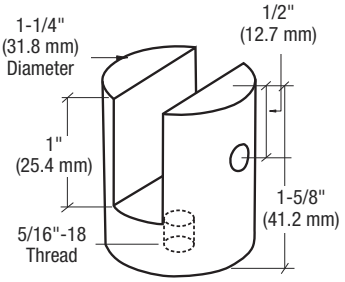
Spanner Wrench

CAT. NO.	DESCRIPTION
SS30	Stainless Steel Standoff
SW30	Spanner Wrench

Minimum order: 1 each. All Standoffs can be combined for quantity pricing.

CRL Slot Mount Standoffs





CRL's Slot Mount Standoffs are designed to be mounted either vertically or horizontally, and can be used for installing partition panels, shelving or signage without drilling holes in the material.

MATERIAL THICKNESS	BRASS CAT. NO.	CHROME CAT. NO.	SATIN CHROME CAT. NO.	BRUSHED STAINLESS CAT. NO.	GUN METAL CAT. NO.
1/4" (6.3 mm)	SM14BR	SM14CH	SM14SC	SM14BS	SM14GM
3/8" (9.5 mm)	SM38BR	SM38CH	SM38SC	SM38BS	SM38GM
1/2" (12.7 mm)	SM12BR	SM12CH	SM12SC	SM12BS	SM12GM

Minimum order: 1 each. All Standoffs can be combined for quantity pricing.

CRL Edge Grip Display System



EG14



EG38



EG12

Edge Grip Specifications:

Diameter: 1-1/4" (31.8 mm)
EG14 Length: 1-1/16" (27 mm)
EG38 Length: 1-1/8" (28.6 mm)
EG12 Length: 1-3/16" (30.1 mm)

CRL's Edge Grips provide additional flexibility in attaching decorative panels or signage to walls or substrates. The Edge Grip allows material to be held to the wall without drilling holes in the face material. We recommend CRL Edge Grips be used at the top, bottom, and sides of heavier panels for maximum support.

MATERIAL THICKNESS	BRASS CAT. NO.	CHROME CAT. NO.	SATIN CHROME CAT. NO.	BRUSHED STAINLESS CAT. NO.	GUN METAL CAT. NO.
1/4" (6.3 mm)	EG14BR	EG14CH	EG14SC	EG14BS	EG14GM
3/8" (9.5 mm)	EG38BR	EG38CH	EG38SC	EG38BS	EG38GM
1/2" (12.7 mm)	EG12BR	EG12CH	EG12SC	EG12BS	EG12GM
Cover Disk*	EGD1SKBR	EGD1SKCH	EGD1SKSC	EGD1SKBS	EGD1SKGM

Minimum order: 1 each. All Edge Grips can be combined for quantity pricing. *One Cover Disk comes with each Edge Grip. Additional Cover Disks sold separately.

CRL Framepegs

CRL Framepegs are an easy-to-use method of displaying art objects, mirrors, signage or posters without drilling holes in the items being displayed. Framepegs can accept panels or objects up to 1/4" (6.3 mm) thick, with a maximum weight of 33 pounds (15 kg).



Aluminum Style Framepegs



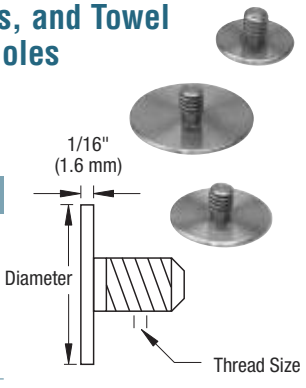
Acrylic Style Framepegs

CAT. NO.	DIAMETER	DESCRIPTION
FPAL4	3/4" (19 mm)	Aluminum Set of 4
FPAC4	7/8" (22.2 mm)	Acrylic Set of 4

Minimum order: 1 pack. Sizes can be combined for quantity pricing.

CRL UV Threaded Adapters

- **UV Bond Standoffs, Knobs, Pulls, and Towel Bars to Glass Without Drilling Holes**
- **316 Stainless Steel**
- **Six Diameters**



CAT. NO.	DIAMETER	THREAD SIZE
UV34ADP	3/4" (19 mm)	1/4"-20 UNC
UV1ADP	1" (25.4 mm)	1/4"-20 UNC
UV1316ADP	1-3/16" (30.2 mm)	1/4"-20 UNC
UV114ADP	1-1/4" (31.8 mm)	5/16"-18 UNC
UV112ADP	1-1/2" (38.1 mm)	3/8"-16 UNC
UV2ADP	2" (50.8 mm)	3/8"-16 UNC

Minimum order: 1 each. Sizes can be combined for quantity pricing.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Specialty Standoffs

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USE MONOLITHIC TEMPERED GLASS

Tube Style Standoff Base and Cap Assembly



CAT. NO. TS1CH

Adjustable Standoff



CAT. NO. AS1CH

1-1/4" (31.7 mm) Diameter Stud Mount Standoff Base



CAT. NO. SMS114112BS

1-1/4" (31.7 mm) Diameter Adjustable Standoff



CAT. NO. ASB114134BS

UV Glass Shelf Support



CAT. NO. UV6111

UV Angled Countertop Support



CAT. NO. UV0137

UV Vertical Countertop Support



CAT. NO. UV0130

UV Adjustable Standoff



CAT. NO. UVAS0B1

Vertical Stainless Steel Support



CAT. NO. SCS6V

Angled Stainless Steel Support



CAT. NO. SCS6A

Round Post Stainless Steel Support



CAT. NO. SPS6R

Railing Plate Mounted Standoff With Standard Cap



CAT. NO. RS0B20BS

Railing Plate Mounted Standoff With Dome Cap



CAT. NO. RS0B25BS

Rail Standoff Cap and Base With Standard Cap



CAT. NO. RS0B2134BS

Rail Standoff Cap and Base With Dome Cap

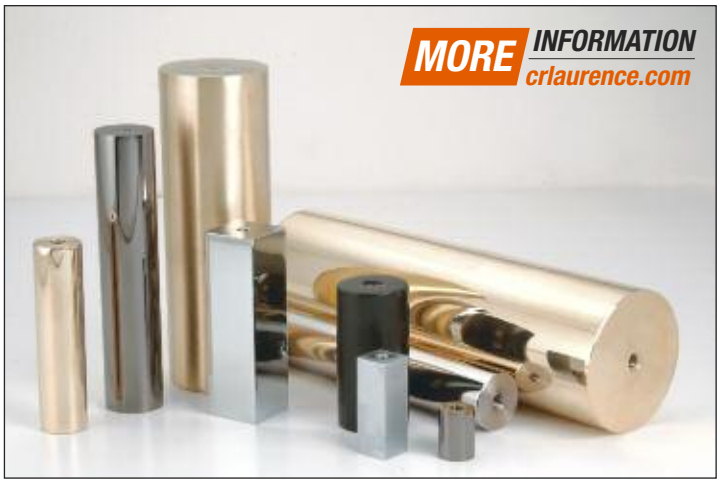


CAT. NO. RS0B2135BS

For more information please visit **crlaurence.com/standoffs**.

CRL Custom Manufactured Standoff Service

- Available in the Following Finishes: Polished Stainless, Brushed Stainless, Polished Brass, Satin Brass, Sandblasted Stainless Steel, and Powder Paint
- Custom Finishes Are Also Available
- Choose From a Variety of Bar Stock Dimensions
- Lengths Up to 48" (1219 mm)
- Machined to Your Specifications
- Timely Delivery



CRL Custom Standoff Fittings may require machining, welding, bending, and special finishing. This can all be accomplished with our in-house equipment for the fastest delivery time in the industry. Not only will we bring your design to reality, but our Technical Sales staff is here to assist you with alternate designs or suggestions. We work every day with our customers to fulfill their glass attachment needs. Fax or e-mail your Custom Standoff requirements to CRL Technical Sales and we will quickly respond with a quotation.

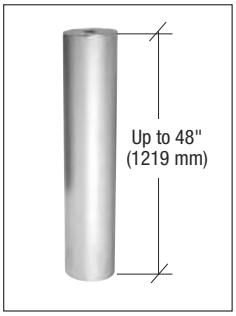
NOTE: If diameter or square is equal to, or less than 3" (76 mm), the maximum length is 48" (1219 mm).
If diameter or square is between 3" and 4" (76 to 102 mm), the maximum length is 8" (203 mm)



Custom Cap Diameters



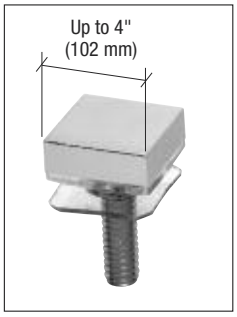
Custom Base Diameters



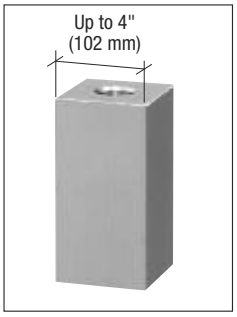
Custom Base Heights


Bending
(on Selected Diameters)

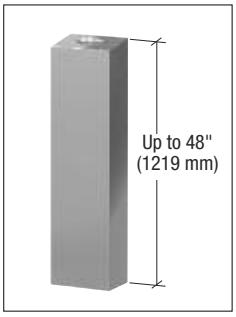

Welding on All Diameters



Custom Square Caps



Custom Square Base Widths



Custom Square Base Heights


Precision Machining

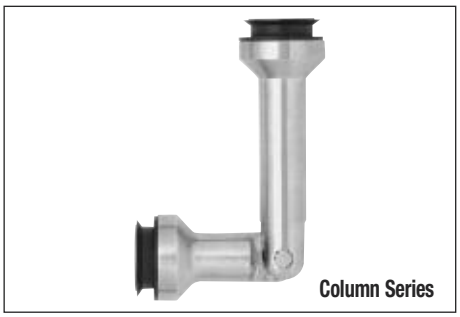

Custom Counter

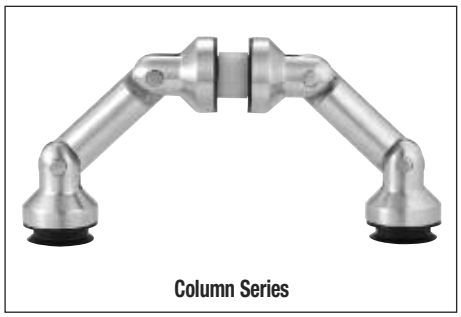

Custom Table Top

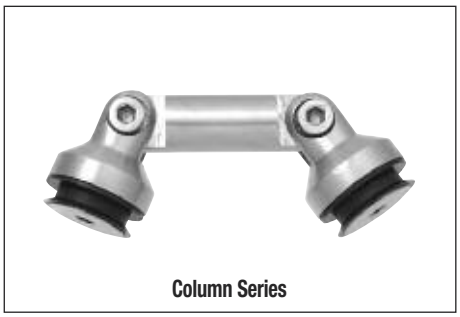

Custom Railing

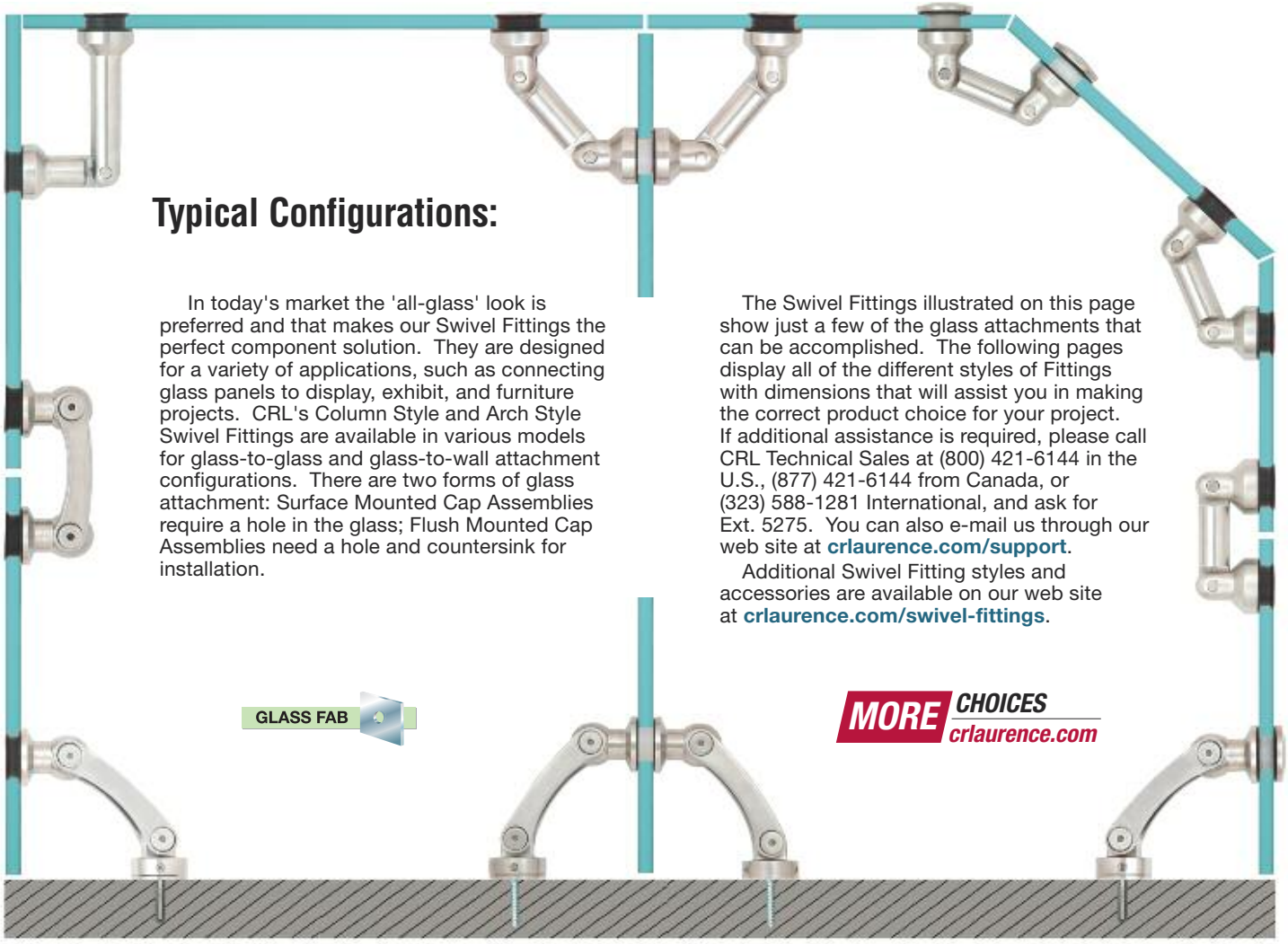
CRL Swivel Fittings

MORE INFORMATION crlaurence.com


Column Series


Column Series


Column Series



Typical Configurations:

In today's market the 'all-glass' look is preferred and that makes our Swivel Fittings the perfect component solution. They are designed for a variety of applications, such as connecting glass panels to display, exhibit, and furniture projects. CRL's Column Style and Arch Style Swivel Fittings are available in various models for glass-to-glass and glass-to-wall attachment configurations. There are two forms of glass attachment: Surface Mounted Cap Assemblies require a hole in the glass; Flush Mounted Cap Assemblies need a hole and countersink for installation.

The Swivel Fittings illustrated on this page show just a few of the glass attachments that can be accomplished. The following pages display all of the different styles of Fittings with dimensions that will assist you in making the correct product choice for your project. If additional assistance is required, please call CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 5275. You can also e-mail us through our web site at **crlaurence.com/support**.

Additional Swivel Fitting styles and accessories are available on our web site at **crlaurence.com/swivel-fittings**.

GLASS FAB

MORE CHOICES crlaurence.com


Arch Series

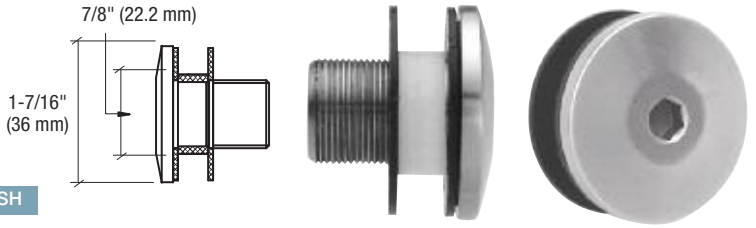

Arch Series


Arch Series

CRL Surface Mount Cap Assembly

CRL Surface Mount Cap Assemblies work with eight different Column or Arch Swivel Fittings. Each Cap is supplied with all necessary gaskets. Fittings are tightened with a 6 mm Allen wrench (not supplied).

USE MONOLITHIC TEMPERED GLASS



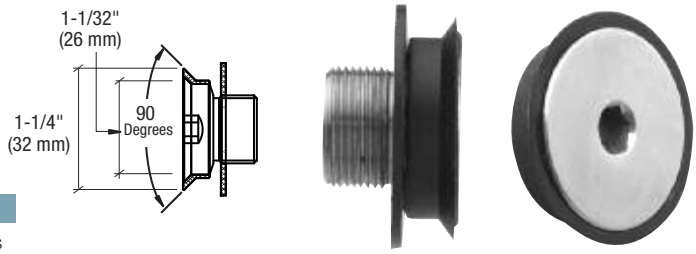
CAT. NO.	DIAMETER	FINISH
SGF36CAP	1-7/16" (36 mm)	Brushed Stainless

Minimum order: 1 each. All Swivel Fittings can be combined for quantity pricing.

CRL Flush Mount Cap Assembly

CRL Flush Mount Cap Assemblies work with eight different Column or Arch Swivel Fittings. Each Cap is supplied with all necessary gaskets. Fittings are tightened with a 6 mm Allen wrench (not supplied).

USE MONOLITHIC TEMPERED GLASS



CAT. NO.	DIAMETER	FINISH
SGF32CS	1-1/4" (32 mm)	Brushed Stainless

Minimum order: 1 each. All Swivel Fittings can be combined for quantity pricing.

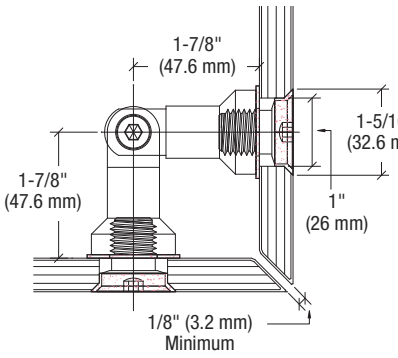
CRL Column Series Swivel Fittings

MORE CHOICES crlaurence.com

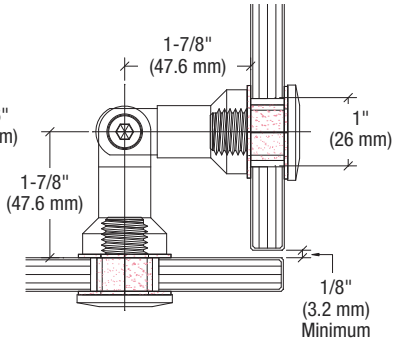
CRL Single Pivot Glass-to-Glass Swivel Fitting

USE MONOLITHIC TEMPERED GLASS





With Flush Mount Glass Cap Assemblies (Sold Separately)



With Surface Mount Glass Cap Assemblies (Sold Separately)

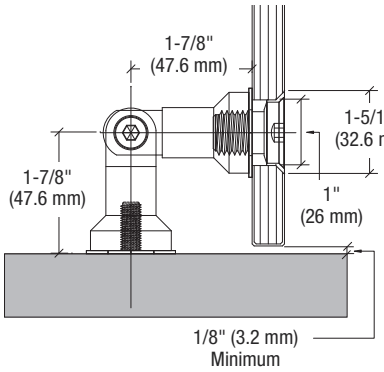
CAT. NO.	DESCRIPTION	FINISH
SGF42BGG	Single Pivot Glass-to-Glass Swivel Fitting	Brushed Stainless

Minimum order: 1 each. All Swivel Fittings can be combined for quantity pricing.

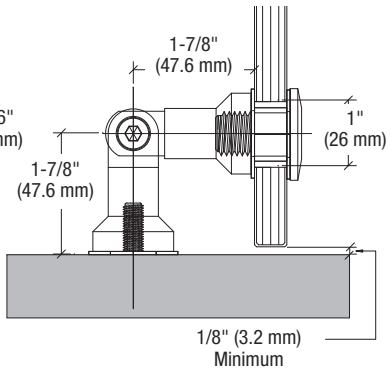
CRL Single Pivot Glass-to-Wall/Floor Swivel Fitting

USE MONOLITHIC TEMPERED GLASS





With Flush Mount Glass Cap Assembly (Sold Separately)



With Surface Mount Glass Cap Assembly (Sold Separately)

CAT. NO.	DESCRIPTION	FINISH
SGF41BGW	Single Pivot Glass-to-Wall/ Floor Swivel Fitting	Brushed Stainless

Minimum order: 1 each. All Swivel Fittings can be combined for quantity pricing.

CRL Column Series Swivel Fittings

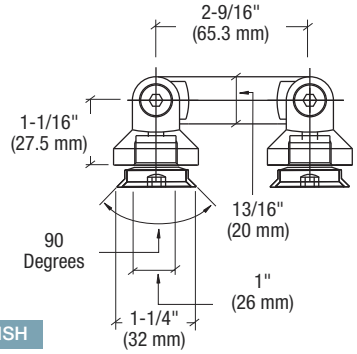
CRL Dual Pivot Glass-to-Glass Swivel Fitting



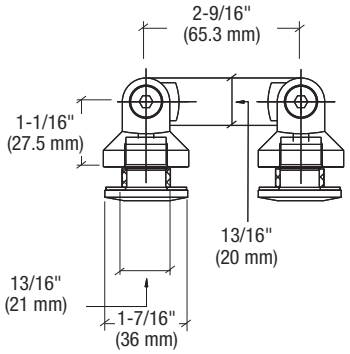
USE MONOLITHIC TEMPERED GLASS

CAT. NO.	DESCRIPTION	FINISH
SGF62BGG	Dual Pivot Glass-to-Glass Swivel Fitting	Brushed Stainless

Minimum order: 1 each. All Swivel Fittings can be combined for quantity pricing.



With Flush Mount Glass Attachments (Sold Separately)



With Surface Mount Glass Attachments (Sold Separately)

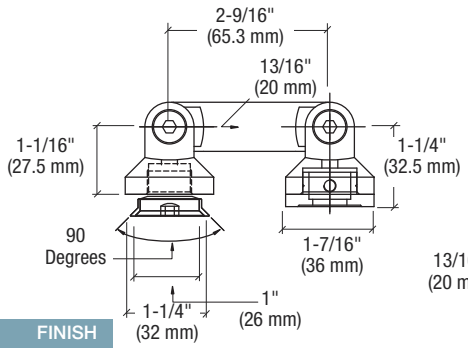
CRL Dual Pivot Glass-to-Wall/Floor Swivel Fitting



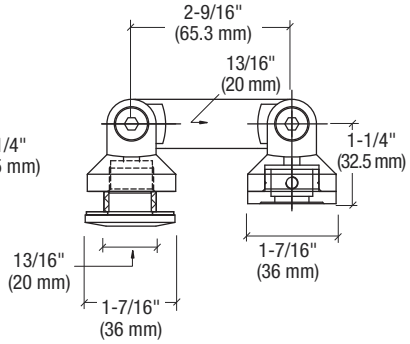
USE MONOLITHIC TEMPERED GLASS

CAT. NO.	DESCRIPTION	FINISH
SGF61BGW	Dual Pivot Glass-to-Wall/Floor Swivel Fitting	Brushed Stainless

Minimum order: 1 each. All Swivel Fittings can be combined for quantity pricing.



With Flush Mount Glass Attachments (Sold Separately)



With Surface Mount Glass Attachments (Sold Separately)

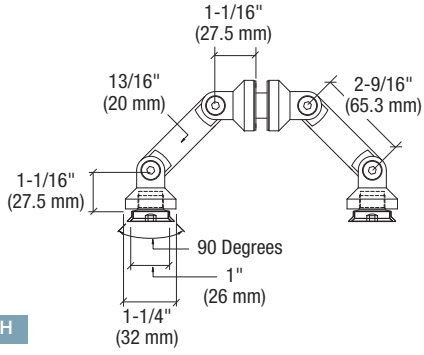
CRL Glass Fin-to-Glass Swivel Fitting



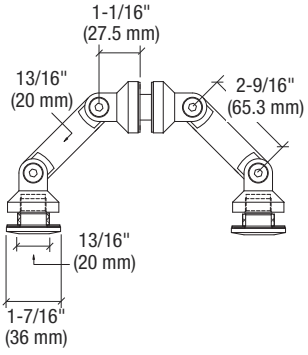
USE MONOLITHIC TEMPERED GLASS

CAT. NO.	DESCRIPTION	FINISH
SGF67BGG	Glass Fin-to-Glass Swivel Fitting	Brushed Stainless

Minimum order: 1 each. All Swivel Fittings can be combined for quantity pricing.



With Flush Mount Glass Attachments (Sold Separately)



With Surface Mount Glass Attachments (Sold Separately)

CRL Single Pivot Glass-to-Wall/Floor Swivel Fitting

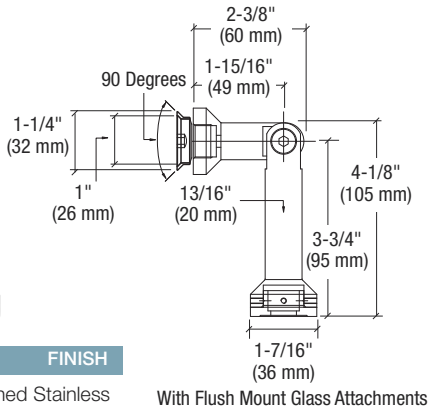


USE MONOLITHIC TEMPERED GLASS

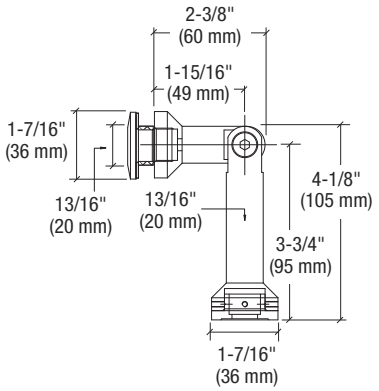
MORE CHOICES crlaurence.com

CAT. NO.	DESCRIPTION	FINISH
SGF63BGW	Single Pivot Glass-to-Wall/Floor Swivel Fitting	Brushed Stainless

Minimum order: 1 each. All Swivel Fittings can be combined for quantity pricing.



With Flush Mount Glass Attachments (Sold Separately)



With Surface Mount Glass Attachments (Sold Separately)

CRL Arch Series Swivel Fittings

MORE CHOICES crlaurence.com

- Available in Four Configurations for Either Surface or Flush Glass Attachments (Sold Separately)
- Contemporary, High Tech Design
- Brushed Stainless Finish
- For 3/8" to 1/2" (10 to 12 mm) Glass

USE MONOLITHIC TEMPERED GLASS

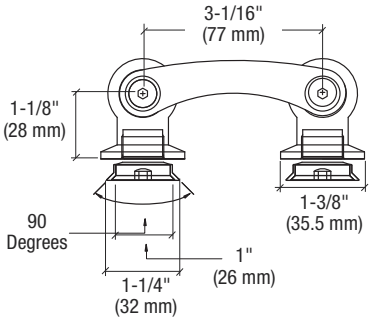


CRL's Arch Series Swivel Fittings are designed to provide a simple solution to connecting pieces of glass at different angles. The Arch Swivel Fitting gives you the option of selecting either a Surface Mount Glass Attachment Cap or a Flush Mount Glass Attachment Cap. These Arch Series Swivel Fittings will accommodate glass thicknesses from 3/8" to 1/2" (10 to 12 mm). The simple design of this fitting makes for a quick and easy installation. All Arch Series Swivel Fittings and Cap Assemblies (not included) come in brushed stainless finish.

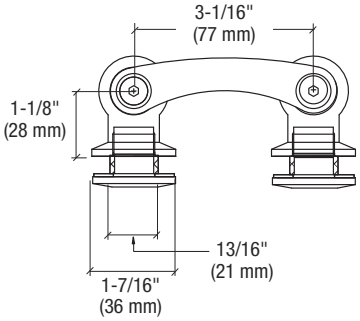
CRL Dual Pivot Glass-to-Glass Swivel Fitting



USE MONOLITHIC TEMPERED GLASS



With Flush Mount Glass Attachments (Sold Separately)



With Surface Mount Glass Attachments (Sold Separately)

CAT. NO.	DESCRIPTION	FINISH
SGF02BGG	Dual Pivot Glass-to-Glass Swivel Fitting	Brushed Stainless

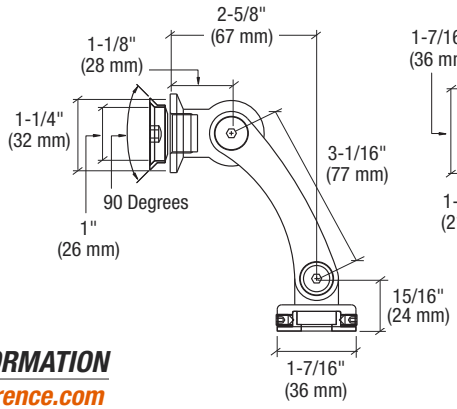
Minimum order: 1 each. All Swivel Fittings can be combined for quantity pricing.

CRL Dual Pivot Glass-to-Wall/Floor Swivel Fitting

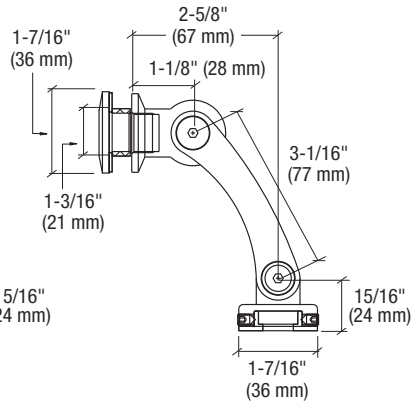


USE MONOLITHIC TEMPERED GLASS

MORE INFORMATION crlaurence.com



With Flush Mount Glass Attachment (Sold Separately)



With Surface Mount Glass Attachment (Sold Separately)

CAT. NO.	DESCRIPTION	FINISH
SGF01BGW	Dual Pivot Glass-to-Wall/Floor Swivel Fitting	Brushed Stainless

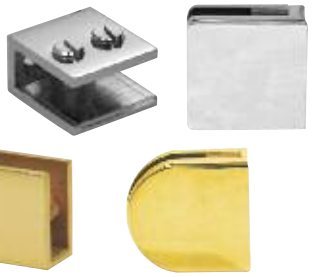
Minimum order: 1 each. All Swivel Fittings can be combined for quantity pricing.

CRL Glass Clamps

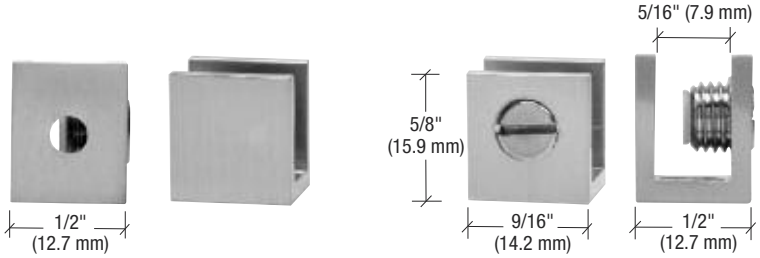
- Fixed Panel Clamps, 90 Degree Clamps, 135 Degree Clamps, and 180 Degree Clamps for 3/16" to 3/4" (5 to 19 mm) Thick Glass
- Up to 24 Available Stock Finishes

MORE INFORMATION
crlaurence.com





CRL Set Screw Clamps for 3/16" to 1/4" (5 to 6 mm) Glass

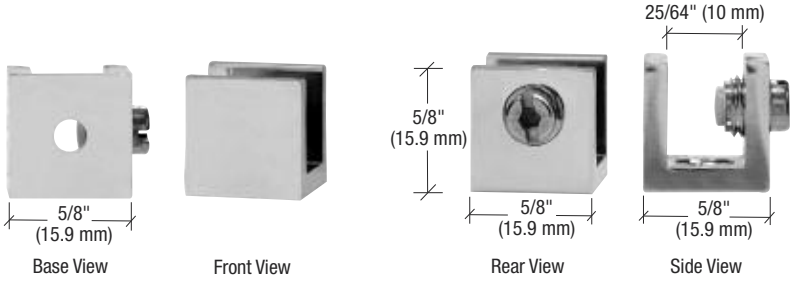


- Set Screw Type for 3/16" to 1/4" (5 to 6 mm) Glass
- No Holes to Drill

CAT. NO.	FINISH	QTY/PACK
EH22	Chrome	10
EH23	Brushed Nickel	10
EH24	Brass	10

Minimum order: 1 pack. All Glass Clamps can be combined for quantity pricing.

CRL Set Screw Clamps for 1/4" to 5/16" (6 to 8 mm) Glass

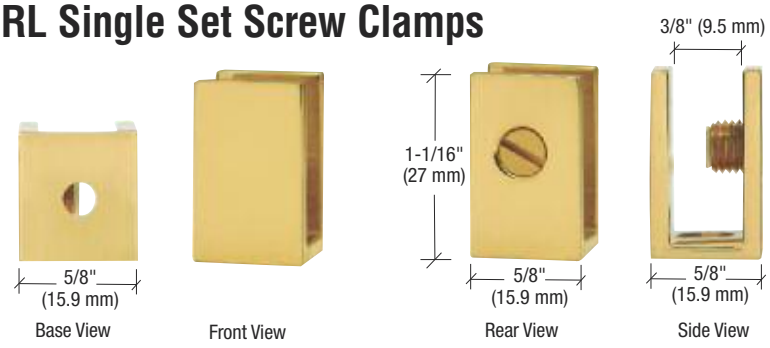


- Set Screw Type for 1/4" to 5/16" (6 to 8 mm) Glass
- No Holes to Drill

CAT. NO.	FINISH	QTY/PACK
EH26	Chrome	10
EH27	Brushed Nickel	10
EH28	Brass	10

Minimum order: 1 pack. All Glass Clamps can be combined for quantity pricing.

CRL Single Set Screw Clamps

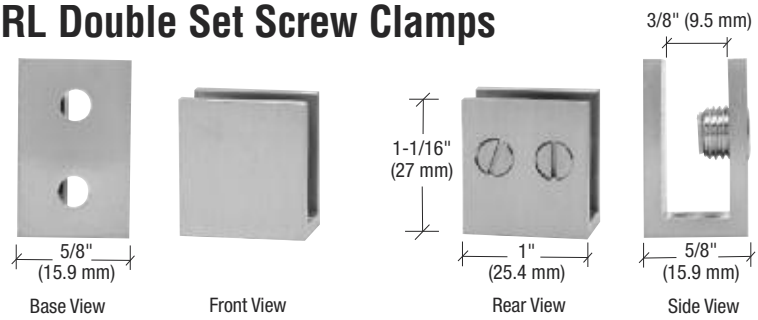


- Set Screw Type for 1/4" to 5/16" (6 to 8 mm) Glass
- No Holes to Drill

CAT. NO.	FINISH	QTY/PACK
EH30	Chrome	1
EH31	Brushed Nickel	1
EH32	Brass	1

Minimum order: 1 pack. All Glass Clamps can be combined for quantity pricing.

CRL Double Set Screw Clamps



- Double Set Screw Type for 1/4" to 5/16" (6 to 8 mm) Glass
- No Holes to Drill

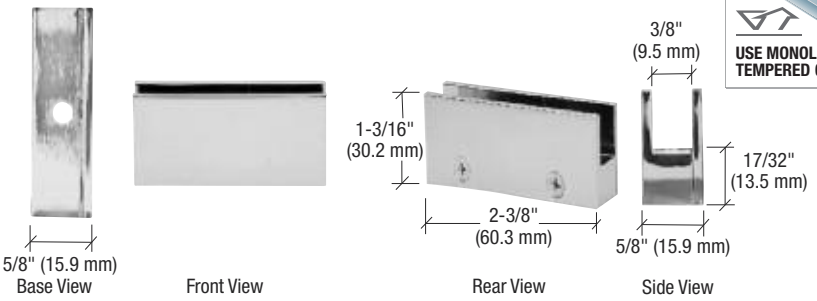
CAT. NO.	FINISH	QTY/PACK
EH34	Chrome	1
EH35	Brushed Nickel	1
EH36	Brass	1

Minimum order: 1 pack. All Glass Clamps can be combined for quantity pricing.

CRL GLASS CLAMPS

go to:
crlaurence.com/glass-clamps

CRL Low Profile Face Plate Glass Clamps



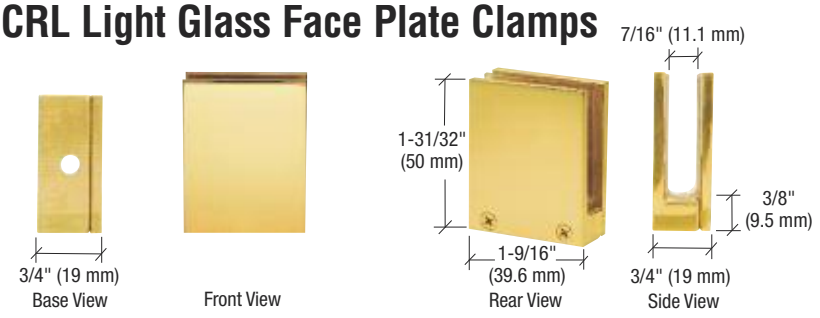
USE MONOLITHIC TEMPERED GLASS

- Designed With Removable Face Plate
- For 1/4" to 5/16" (6 to 8 mm) Glass
- Use Cat. No. 820 Tuff-Pak Tape for 1/4" (6 mm) Glass
- No Holes to Drill

CAT. NO.	FINISH	QTY/PACK
EH09	Brushed Nickel	1
EH10	Chrome	1
EH11	Brass	1

Minimum order: 1 pack. All Glass Clamps can be combined for quantity pricing.

CRL Light Glass Face Plate Clamps

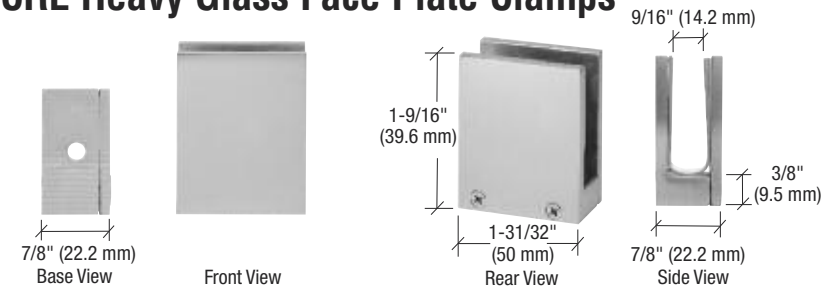


- Designed With Removable Face Plate
- For 1/4" to 3/8" (6 to 10 mm) Glass
- Use Cat. No. 820 Tuff-Pak Tape for 1/4" (6 mm) Glass

CAT. NO.	FINISH	QTY/PACK
EH12	Chrome	1
EH13	Brushed Nickel	1
EH14	Brass	1

Minimum order: 1 pack. All Glass Clamps can be combined for quantity pricing.

CRL Heavy Glass Face Plate Clamps

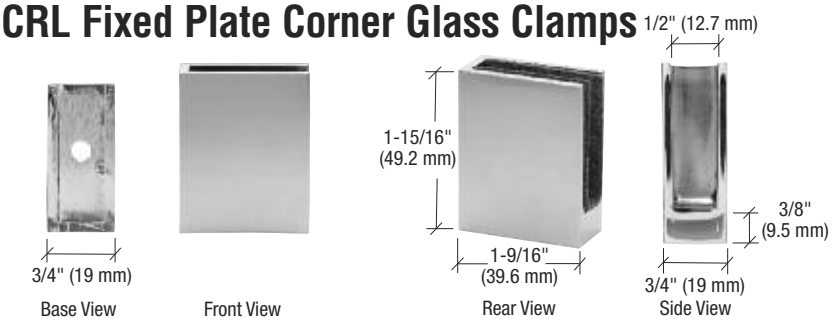


- Designed With Removable Face Plate
- For 3/8" to 1/2" (10 to 12 mm) Glass
- Use Cat. No. 820 Tuff-Pak Tape for 3/8" (10 mm) Glass

CAT. NO.	FINISH	QTY/PACK
EH15	Brushed Nickel	1
EH16	Chrome	1
EH17	Brass	1

Minimum order: 1 pack. All Glass Clamps can be combined for quantity pricing.

CRL Fixed Plate Corner Glass Clamps



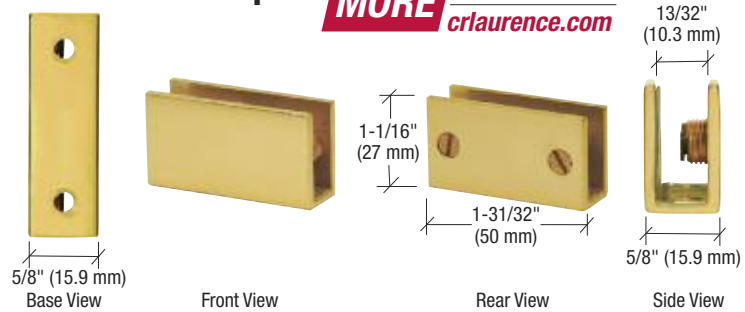
- For 1/4" to 3/8" (6 to 10 mm) Glass
- Use Cat. No. 820 Tuff-Pak Tape for 1/4" (6 mm) Glass
- No Holes to Drill

CAT. NO.	FINISH	QTY/PACK
EH18	Chrome	1
EH19	Brushed Nickel	1
EH20	Brass	1

Minimum order: 1 pack. All Glass Clamps can be combined for quantity pricing.

CRL Shelf Clamps

MORE CHOICES crlaurence.com



- For 1/4" to 5/16" (6 to 8 mm) Glass
- Use Cat. No. 820 Tuff-Pak Tape for 1/4" (6 mm) Glass
- No Holes to Drill

CAT. NO.	FINISH	QTY/PACK
EH38	Chrome	1
EH39	Brushed Nickel	1
EH40	Brass	1

Minimum order: 1 pack. All Glass Clamps can be combined for quantity pricing.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL USALUMINUM

CRL Mini Z-Series Round Type Radius Base Glass Clamps

For 1/4" (6 mm) Glass

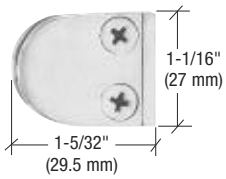
- Fits 1" (25 mm) Diameter Tubing
- No Hole Drilling; Pressure Fit

USE MONOLITHIC TEMPERED GLASS

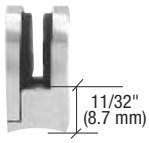


Base View


Front View



Rear View



Side View



CAT. NO. SHCS10X34
Fastener for Use With Metal Posts

CAT. NO.	FINISH	TUBE DIA.	BASE METAL
ZMR06PS	Polished Stainless	1" (25 mm)	Stainless Steel
ZMR06SS	Satin Stainless	1" (25 mm)	Stainless Steel

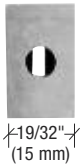
Minimum order: 1 each. All Z-Series Clamps can be combined for quantity pricing.

CRL Mini Z-Series Round Type Flat Base Glass Clamps

For 1/4" (6 mm) Glass

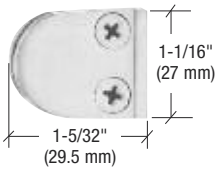
- For Mounting to Flat Surfaces
- No Hole Drilling; Pressure Fit

USE MONOLITHIC TEMPERED GLASS

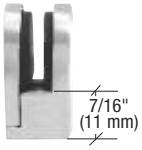


Base View


Front View



Rear View



Side View



CAT. NO. SHCS10X34
Fastener for Use With Metal Posts

CAT. NO.	FINISH	BASE METAL
ZMF06PS	Polished Stainless	Stainless Steel
ZMF06SS	Satin Stainless	Stainless Steel

Minimum order: 1 each. All Z-Series Clamps can be combined for quantity pricing.

CRL Adjustable Flat Base Glass Clamps

MORE CHOICES crlaurence.com

For 3/16" to 3/8" (5 to 10 mm) Glass

- For Mounting to Flat Surfaces
- No Hole Drilling: Pressure Fit

USE MONOLITHIC TEMPERED GLASS



Base View


Front View



Rear View



Side View



CAT. NO. SHCS10X34
Fastener for Use With Metal Posts

CAT. NO.	FINISH	BASE METAL
38AGP	Satin Chrome	Zinc Casting

Minimum order: 1 each. All Z-Series Clamps can be combined for quantity pricing.





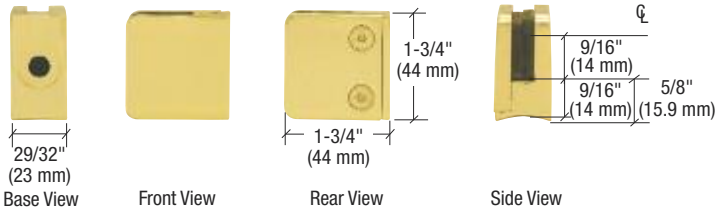
CRL Z-Series Small Square Glass Clamps

For 1/4" (6 mm) to 5/16" (8 mm) Glass

- **May be Used on Wood or Metal Radius or Flat Surfaces**

Attachment Hardware: Wood - use Cat. No. ZLAG Lag Bolt
Metal - use Cat. Nos. ZB0LT and ZRNUT Bolt and Riv-Nut

USE MONOLITHIC TEMPERED GLASS



CAT. NO.	FINISH	BASE METAL
Z130BR	Brass	Zinc Casting
Z130CH	Chrome	Zinc Casting
Z130SC	Satin Chrome	Zinc Casting
Z130BN	Brushed Nickel	Zinc Casting
Z130GP	Gold Plated	Zinc Casting
Z130W	White	Zinc Casting
Z150PS	Polished Stainless	Stainless Steel
Z150SS	Satin Stainless	Stainless Steel

Minimum order: 1 each. All Z-Series Clamps can be combined for quantity pricing.

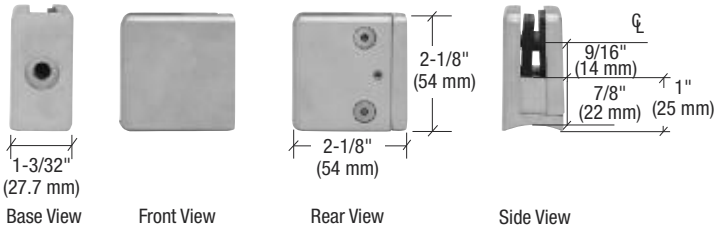
Glass Fabrication: 1/2" (12 mm) Diameter Hole Required if Using Provided Steel Pin

CRL Z-Series Large Square Glass Clamps

For 3/8" (10 mm) Glass

- **May be Used on Wood or Metal Radius or Flat Surfaces**

Attachment Hardware: Wood - use Cat. No. 12X2PHPSMS Screw
Metal - use Cat. Nos. ZB0LT14 and RN1420 Bolt and Riv-Nut



CAT. NO.	FINISH	BASE METAL
Z135BR	Brass	Zinc Casting
Z135CH	Chrome	Zinc Casting
Z135SC	Satin Chrome	Zinc Casting
Z135BN	Brushed Nickel	Zinc Casting
Z135W	White	Zinc Casting
Z155PS	Polished Stainless	Stainless Steel
Z155SS	Satin Stainless	Stainless Steel

Minimum order: 1 each. All Z-Series Clamps can be combined for quantity pricing.

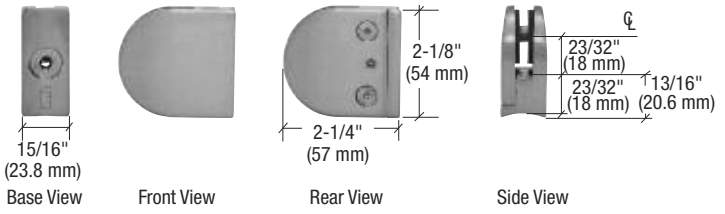
Glass Fabrication: 1/2" (12 mm) Diameter Hole Required if Using Provided Steel Pin

CRL Z-Series Large Round Glass Clamps

For 1/4" (6 mm) Glass

- **May be Used on Wood or Metal Radius or Flat Surfaces**

Attachment Hardware: Wood - use Cat. No. 12X2PHPSMS Screw
Metal - use Cat. Nos. ZB0LT14 and RN1420 Bolt and Riv-Nut



CAT. NO.	FINISH	BASE METAL
Z106BR	Brass	Zinc Casting
Z106CH	Chrome	Zinc Casting
Z106SC	Satin Chrome	Zinc Casting
Z106BN	Brushed Nickel	Zinc Casting
Z106GP	Gold Plated	Zinc Casting
Z106W	White	Zinc Casting

Minimum order: 1 each. All Z-Series Clamps can be combined for quantity pricing.

Glass Fabrication: 1/2" (12 mm) Diameter Hole Required if Using Provided Steel Pin

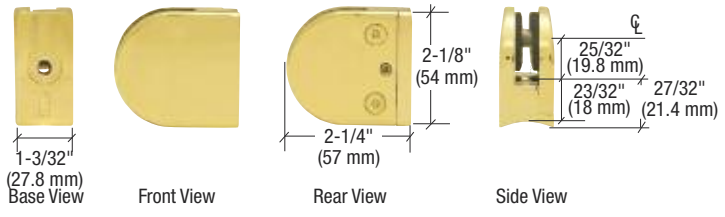
CRL Z-Series Large Round Glass Clamps

For 3/8" (10 mm) Glass

- **May be Used on Wood or Metal Radius or Flat Surfaces**

MORE CHOICES crlaurence.com

Attachment Hardware: Wood - use Cat. No. 12X2PHPSMS Screw
Metal - use Cat. Nos. ZB0LT14 and RN1420 Bolt and Riv-Nut



CAT. NO.	FINISH	BASE METAL
Z110BR	Brass	Zinc Casting
Z110CH	Chrome	Zinc Casting
Z110SC	Satin Chrome	Zinc Casting
Z110BN	Brushed Nickel	Zinc Casting
Z110GP	Gold Plated	Zinc Casting
Z110W	White	Zinc Casting

Minimum order: 1 each. All Z-Series Clamps can be combined for quantity pricing.

Glass Fabrication: 1/2" (12 mm) Diameter Hole Required if Using Provided Steel Pin

CRL Z-Series Round Type Radius Base Glass Clamps

SPECIFICATIONS:

Glass Thicknesses: Models for 1/4" to 1/2" (6 to 12 mm).

Base Design: Radius.

For Use With: 1-1/2" or 2" (38.1 or 50.8 mm) Diameter Round Tubing.

Material: Choice of Zinc Constructed or Stainless Steel. Stainless Steel or Powder Painted Zinc Clamps are recommended for more durability in exterior applications.

Glass Fabrication:
For 1/4" (6 mm), 5/16" (8 mm), and 3/8" (10 mm) Thick Glass: 1/2" (12 mm) diameter hole required if using provided steel pin for glass support.
For 1/2" (12 mm) Thick Glass: 9/16" (14 mm) diameter hole required if using provided steel pin for glass support.

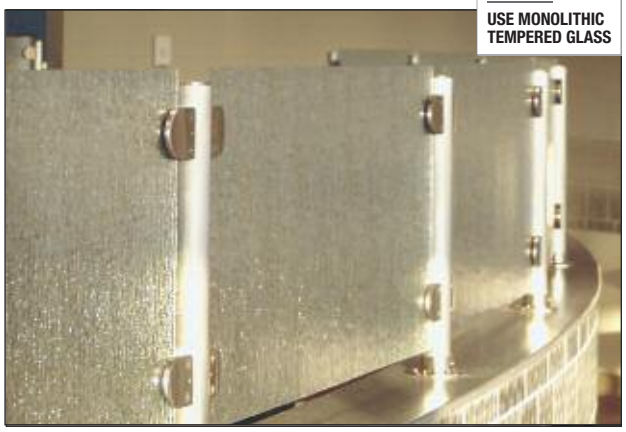
Includes: Rubber Gaskets and Steel Pin (for optional use) with Grommet.



CAT. NO. ZBOLT
Fastener for Use With Metal Posts

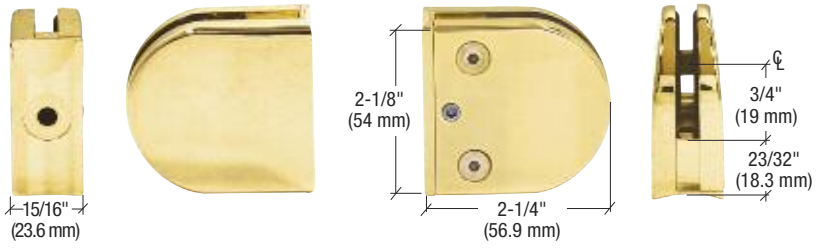


CAT. NO. ZLAG
Fastener for Use With Wood Posts



Models for Round Tubing Installations

For 1/4" (6 mm) and 5/16" (8 mm) Glass

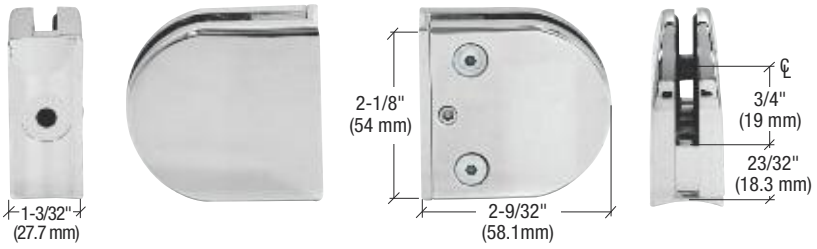


Base View | Front View | Rear View | Side View

CAT. NO.	FINISH	TUBE DIA.	BASE METAL
Z206BR	Brass	2" (50.8 mm)	Zinc Casting
Z206CH	Chrome	2" (50.8 mm)	Zinc Casting
Z206SC	Satin Chrome	2" (50.8 mm)	Zinc Casting
Z206BN	Brushed Nickel	2" (50.8 mm)	Zinc Casting
Z206GP	Gold Plated	2" (50.8 mm)	Zinc Casting
Z206W	White	2" (50.8 mm)	Zinc Casting
Z306BS	Brushed Stainless	2" (50.8 mm)	Stainless Steel
Z306PS	Polished Stainless	2" (50.8 mm)	Stainless Steel
Z15306BS	Brushed Stainless	1-1/2" (38.1 mm)	Stainless Steel
Z15306PS	Polished Stainless	1-1/2" (38.1 mm)	Stainless Steel
Z14RG	Replacement Gasket Set for One Clamp		

Minimum order: 1 each. All Z-Series Clamps can be combined for quantity pricing.

For 3/8" (10 mm) Glass



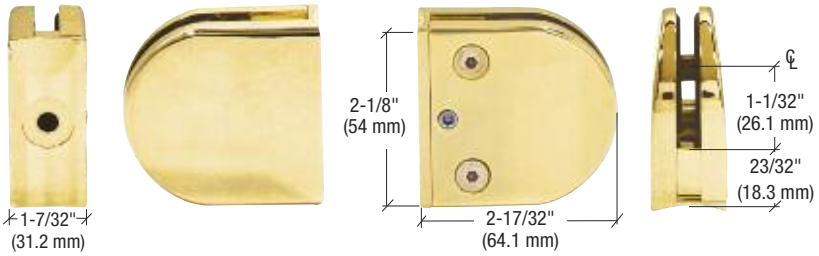
Base View | Front View | Rear View | Side View

CAT. NO.	FINISH	TUBE DIA.	BASE METAL
Z210BR	Brass	2" (50.8 mm)	Zinc Casting
Z210CH	Chrome	2" (50.8 mm)	Zinc Casting
Z210SC	Satin Chrome	2" (50.8 mm)	Zinc Casting
Z210BN	Brushed Nickel	2" (50.8 mm)	Zinc Casting
Z210GP	Gold Plated	2" (50.8 mm)	Zinc Casting
Z210W	White	2" (50.8 mm)	Zinc Casting
Z310BS	Brushed Stainless	2" (50.8 mm)	Stainless Steel
Z310PS	Polished Stainless	2" (50.8 mm)	Stainless Steel
Z15310BS	Brushed Stainless	1-1/2" (38.1 mm)	Stainless Steel
Z15310PS	Polished Stainless	1-1/2" (38.1 mm)	Stainless Steel
Z38RG	Replacement Gasket Set for One Clamp		

Minimum order: 1 each. All Z-Series Clamps can be combined for quantity pricing.

For 1/2" (12 mm) Glass

MORE CHOICES crlaurence.com



Base View | Front View | Rear View | Side View

CAT. NO.	FINISH	TUBE DIA.	BASE METAL
Z212BR	Brass	2" (50.8 mm)	Zinc Casting
Z212CH	Chrome	2" (50.8 mm)	Zinc Casting
Z212SC	Satin Chrome	2" (50.8 mm)	Zinc Casting
Z212BN	Brushed Nickel	2" (50.8 mm)	Zinc Casting
Z212W	White	2" (50.8 mm)	Zinc Casting
Z312BS	Brushed Stainless	2" (50.8 mm)	Stainless Steel
Z312PS	Polished Stainless	2" (50.8 mm)	Stainless Steel
Z15312BS	Brushed Stainless	1-1/2" (38.1 mm)	Stainless Steel
Z15312PS	Polished Stainless	1-1/2" (38.1 mm)	Stainless Steel
Z12RG	Replacement Gasket Set for One Clamp		

Minimum order: 1 each. All Z-Series Clamps can be combined for quantity pricing.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Z-Series Round Type Flat Base Glass Clamps

SPECIFICATIONS:
Glass Thicknesses: Models for 1/4" to 1/2" (6 to 12 mm).
Base Design: Flat.
For Use With: Square Tubing or Other Flat Surfaces.
Material: Choice of Zinc Constructed or Stainless Steel. Stainless Steel or Powder Painted Zinc Clamps are recommended for more durability in exterior applications.
Glass Fabrication:
For 1/4" (6 mm), 5/16" (8 mm), and 3/8" (10 mm) Thick Glass: 1/2" (12 mm) diameter hole required if using provided steel pin for glass support.
For 1/2" (12 mm) Thick Glass: 9/16" (14 mm) diameter hole required if using provided steel pin for glass support.
Includes: Rubber Gaskets and Steel Pin (for optional use) with Grommet.



CAT. NO. ZBOLT
Fastener for Use With Metal Posts

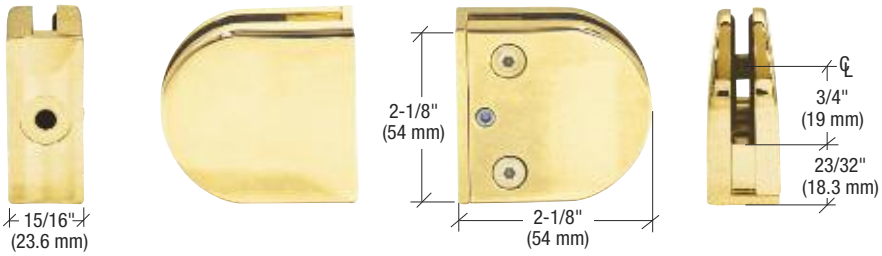


CAT. NO. ZLAG
Fastener for Use With Wood Posts



Models for Flat Surface Installations

For 1/4" (6 mm) and 5/16" (8 mm) Glass



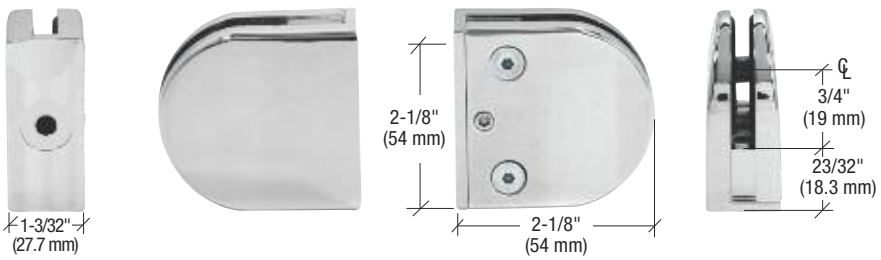
Base View | Front View | Rear View | Side View

CAT. NO.	FINISH	BASE METAL
Z406BR	Brass	Zinc Casting
Z406CH	Chrome	Zinc Casting
Z406SC	Satin Chrome	Zinc Casting
Z406BN	Brushed Nickel	Zinc Casting
Z406GP	Gold Plated	Zinc Casting
Z406W	White	Zinc Casting
Z506BS	Brushed Stainless	Stainless Steel
Z506PS	Polished Stainless	Stainless Steel
Z14RG	Replacement Gasket Set for One Clamp	

Minimum order: 1 each. All Z-Series Clamps can be combined for quantity pricing.

For 3/8" (10 mm) Glass

MORE CHOICES crlaurence.com

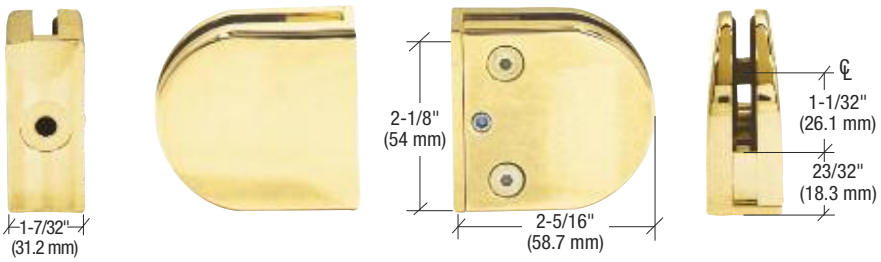


Base View | Front View | Rear View | Side View

CAT. NO.	FINISH	BASE METAL
Z410BR	Brass	Zinc Casting
Z410CH	Chrome	Zinc Casting
Z410SC	Satin Chrome	Zinc Casting
Z410BN	Brushed Nickel	Zinc Casting
Z410GP	Gold Plated	Zinc Casting
Z410W	White	Zinc Casting
Z510BS	Brushed Stainless	Stainless Steel
Z510PS	Polished Stainless	Stainless Steel
Z38RG	Replacement Gasket Set for One Clamp	

Minimum order: 1 each. All Z-Series Clamps can be combined for quantity pricing.

For 1/2" (12 mm) Glass



Base View | Front View | Rear View | Side View

CAT. NO.	FINISH	BASE METAL
Z412BR	Brass	Zinc Casting
Z412CH	Chrome	Zinc Casting
Z412SC	Satin Chrome	Zinc Casting
Z412BN	Brushed Nickel	Zinc Casting
Z412GP	Gold Plated	Zinc Casting
Z412W	White	Zinc Casting
Z512BS	Brushed Stainless	Stainless Steel
Z512PS	Polished Stainless	Stainless Steel
Z12RG	Replacement Gasket Set for One Clamp	

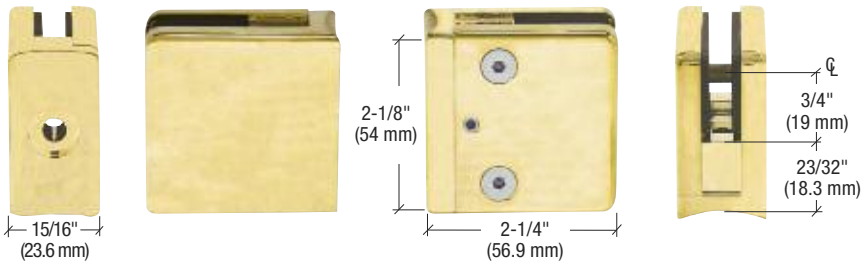
Minimum order: 1 each. All Z-Series Clamps can be combined for quantity pricing.

CRL Z-Series Square Type Radius Base Glass Clamps

For 1/4" (6 mm) and 5/16" (8 mm) Glass

MORE INFORMATION crlaurence.com

USE MONOLITHIC TEMPERED GLASS

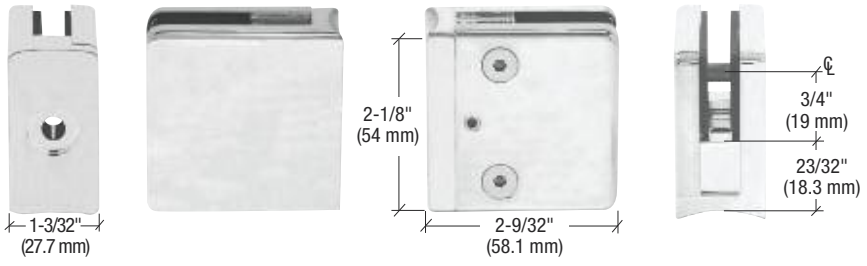


Base View | Front View | Rear View | Side View

CAT. NO.	FINISH	BASE METAL
Z606BR	Brass	Zinc Casting
Z606CH	Chrome	Zinc Casting
Z606SC	Satin Chrome	Zinc Casting
Z606BN	Brushed Nickel	Zinc Casting
Z606GP	Gold Plated	Zinc Casting
Z606W	White	Zinc Casting
Z706BS	Brushed Stainless	Stainless Steel
Z706PS	Polished Stainless	Stainless Steel
Z14SG	Replacement Gasket Set for One Clamp	

Minimum order: 1 each. All Z-Series Clamps can be combined for quantity pricing.

For 3/8" (10 mm) Glass

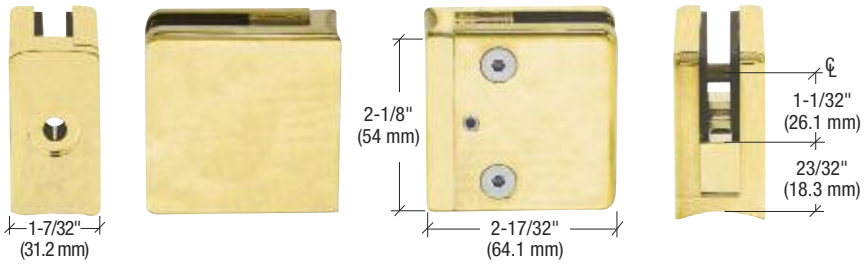


Base View | Front View | Rear View | Side View

CAT. NO.	FINISH	BASE METAL
Z610BR	Brass	Zinc Casting
Z610CH	Chrome	Zinc Casting
Z610SC	Satin Chrome	Zinc Casting
Z610BN	Brushed Nickel	Zinc Casting
Z610GP	Gold Plated	Zinc Casting
Z610W	White	Zinc Casting
Z710BS	Brushed Stainless	Stainless Steel
Z710PS	Polished Stainless	Stainless Steel
Z38SG	Replacement Gasket Set for One Clamp	

Minimum order: 1 each. All Z-Series Clamps can be combined for quantity pricing.

For 1/2" (12 mm) Glass



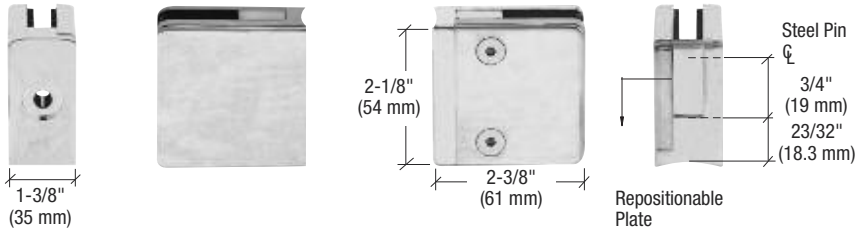
Base View | Front View | Rear View | Side View

CAT. NO.	FINISH	BASE METAL
Z612BR	Brass	Zinc Casting
Z612CH	Chrome	Zinc Casting
Z612SC	Satin Chrome	Zinc Casting
Z612BN	Brushed Nickel	Zinc Casting
Z612GP	Gold Plated	Zinc Casting
Z612W	White	Zinc Casting
Z712BS	Brushed Stainless	Stainless Steel
Z712PS	Polished Stainless	Stainless Steel
Z12SG	Replacement Gasket Set for One Clamp	

Minimum order: 1 each. All Z-Series Clamps can be combined for quantity pricing.

For 3/8" or 1/2" (10 or 12 mm) Glass (Radius Surface Mounting)

- **Repositionable Plate for Use at Right or Left Corner of Glass**
- **For Use With 2" (50.8 mm) Diameter Round Tubing**



Base View | Front View | Rear View | Side View

CAT. NO.	FINISH	BASE METAL
ZL610CH	Chrome	Zinc Casting
ZL610SC	Satin Chrome	Zinc Casting
ZL610BN	Brushed Nickel	Zinc Casting
ZL610W	White	Zinc Casting
ZL710BS	Brushed Stainless	Stainless Steel
ZL710PS	Polished Stainless	Stainless Steel
ZL38SG	Replacement Gasket Set for One Clamp	

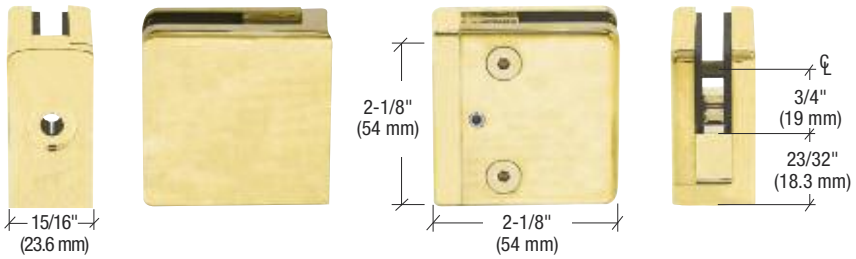
Minimum order: 1 each. All Z-Series Clamps can be combined for quantity pricing.

CRL Z-Series Square Type Flat Base Glass Clamps

For 1/4" (6 mm) and 5/16" (8 mm) Glass

MORE INFORMATION crlaurence.com

USE MONOLITHIC TEMPERED GLASS

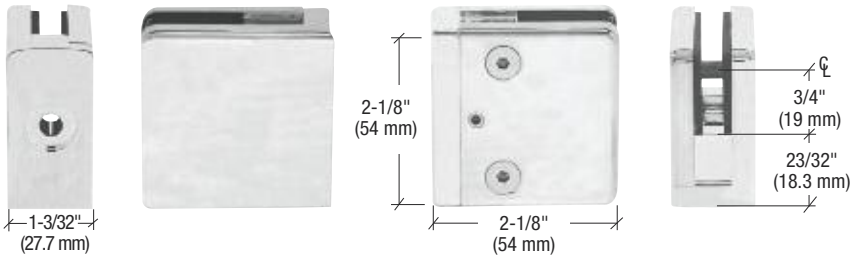


Base View | Front View | Rear View | Side View

CAT. NO.	FINISH	BASE METAL
Z806BR	Brass	Zinc Casting
Z806CH	Chrome	Zinc Casting
Z806SC	Satin Chrome	Zinc Casting
Z806BN	Brushed Nickel	Zinc Casting
Z806GP	Gold Plated	Zinc Casting
Z806W	White	Zinc Casting
Z906BS	Brushed Stainless	Stainless Steel
Z906PS	Polished Stainless	Stainless Steel
Z14SG	Replacement Gasket Set for One Clamp	

Minimum order: 1 each. All Z-Series Clamps can be combined for quantity pricing.

For 3/8" (10 mm) Glass

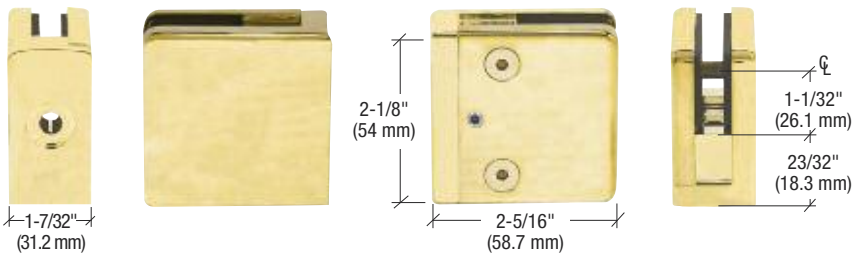


Base View | Front View | Rear View | Side View

CAT. NO.	FINISH	BASE METAL
Z810BR	Brass	Zinc Casting
Z810CH	Chrome	Zinc Casting
Z810SC	Satin Chrome	Zinc Casting
Z810BN	Brushed Nickel	Zinc Casting
Z810GP	Gold Plated	Zinc Casting
Z810W	White	Zinc Casting
Z910BS	Brushed Stainless	Stainless Steel
Z910PS	Polished Stainless	Stainless Steel
Z38SG	Replacement Gasket Set for One Clamp	

Minimum order: 1 each. All Z-Series Clamps can be combined for quantity pricing.

For 1/2" (12 mm) Glass



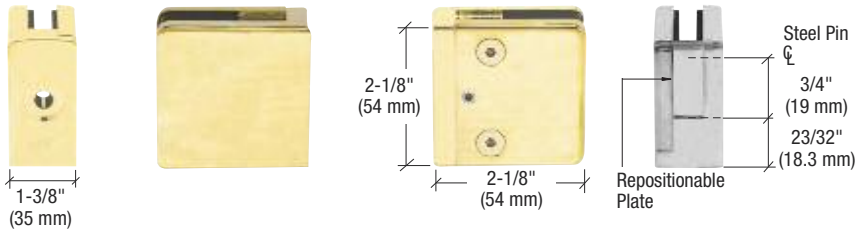
Base View | Front View | Rear View | Side View

CAT. NO.	FINISH	BASE METAL
Z812BR	Brass	Zinc Casting
Z812CH	Chrome	Zinc Casting
Z812SC	Satin Chrome	Zinc Casting
Z812BN	Brushed Nickel	Zinc Casting
Z812GP	Gold Plated	Zinc Casting
Z812W	White	Zinc Casting
Z912BS	Brushed Stainless	Stainless Steel
Z912PS	Polished Stainless	Stainless Steel
Z12SG	Replacement Gasket Set for One Clamp	

Minimum order: 1 each. All Z-Series Clamps can be combined for quantity pricing.

For 3/8" or 1/2" (10 or 12 mm) Glass (Flat Surface Mounting)

- **Repositionable Plate for Use at Right or Left Corner of Glass**
- **For Use With Square Tubing or Other Flat Surfaces**



Base View | Front View | Rear View | Side View

CAT. NO.	FINISH	BASE METAL
ZL810CH	Chrome	Zinc Casting
ZL810SC	Satin Chrome	Zinc Casting
ZL810BN	Brushed Nickel	Zinc Casting
ZL810W	White	Zinc Casting
ZL910BS	Brushed Stainless	Stainless Steel
ZL910PS	Polished Stainless	Stainless Steel
ZL38SG	Replacement Gasket Set for One Clamp	

Minimum order: 1 each. All Z-Series Clamps can be combined for quantity pricing.

CRL Z-Series Square Type Glass Clamps for 3/4" (19 mm) Glass

SPECIFICATIONS:
Glass Thickness: 3/4" (19 mm).
Base Design: Flat and Radius.
For Use With: Square Tubing or Other Flat Surfaces and 2" (50.8 mm) Diameter Round Tubing.
Material: 316 Alloy Stainless Steel.
Glass Fabrication:
One 7/8" (22.2 mm) diameter finger notch is required. The included steel pin must be used for 3/4" (19 mm) Glass applications.
Includes: Rubber Gaskets and Steel Pin.



CAT. NO. ZBOLT
Fastener for Use With Metal Posts



CAT. NO. ZLAG
Fastener for Use With Wood Posts



Models for Flat and Round Surface Installations

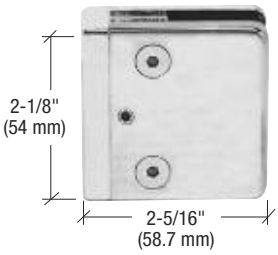
For 3/4" (19 mm) Glass (Flat Surface Mounting)



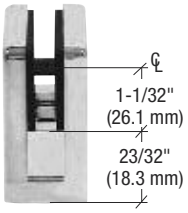
Base View



Front View



Rear View



Side View

MORE INFORMATION
crlaurence.com

- For Use With Square Tubing or Other Flat Surfaces
- 316 Alloy Stainless Steel

CAT. NO.	FINISH	BASE METAL
Z934BS	Brushed Stainless	Stainless Steel
Z934PS	Polished Stainless	Stainless Steel
Z34SG	Replacement Gasket Set for 3/4"	(19 mm) Glass
Z58SG	Replacement Gasket Set for 5/8"	(16 mm) Glass

Minimum order: 1 each. All Z-Series Clamps can be combined for quantity pricing.

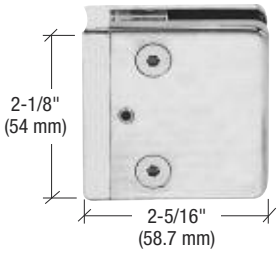
For 3/4" (19 mm) Glass (Radius Surface Mounting)



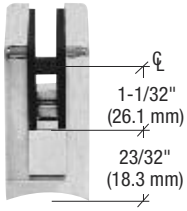
Base View



Front View



Rear View



Side View

- For Use With 2" (50.8 mm) Diameter Round Tubing
- 316 Alloy Stainless Steel

CAT. NO.	FINISH	BASE METAL
Z734BS	Brushed Stainless	Stainless Steel
Z734PS	Polished Stainless	Stainless Steel
Z34SG	Replacement Gasket Set for 3/4"	(19 mm) Glass
Z58SG	Replacement Gasket Set for 5/8"	(16 mm) Glass

Minimum order: 1 each. All Z-Series Clamps can be combined for quantity pricing.

CRL Custom Built Heavy Glass Large Display Cases

- For Displaying Large Items that Will Not Fit in Conventional Showcases
- Custom Fabricated to Meet Your Needs
- Ten Standard Architectural Finishes, Custom Finishes, and Powder Painting
- A Large Variety of Rail Sizes and Configurations are Available

Museums, Halls of Fame, and other venues are displaying life size objects in their display areas. Some are as large as a space capsule, others the size of a man or animal. Displays of this size require not only protection from the public, but sufficient strength to take the weight of people leaning and pushing on the glass.

This is accomplished by using 3/8" or 1/2" (10 or 12 mm) glass where the vertical seams are secured with clear silicone sealant for unobstructed vertical joint lines. Our heavy-duty frameless storefront Sidelite Rails are used to secure the glass at the top and bottom. Matching finish frameless Door Rails allow displays to be easily changed. Doors are secured in place with commercial grade locks for the utmost in security.

Sidelite and Door Rails are available in 4" (101.6 mm) Square and Tapered configurations along with a variety of U-Channels in ten different finishes to meet your design needs.

Call CRL Technical Sales for additional information or design assistance at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7700. You can also e-mail us through our web site at **crlaurence.com/support**.



Apollo 13 Display – Kansas City, MO







CRL 4" Square Configuration Door Rails



- Nine Standard Architectural Finishes, Custom Finishes, and Powder Painting
- For 3/8" and 1/2" (10 and 12 mm) Glass
- Patented Wedge-Lock® Glass Securing System
- Jamb Alignment Without Removing the Door
- Stock 35-3/4" Length for Single or Double Doors
- Custom Sizes Fabricated to Meet Your Needs

CRL's Patented Wedge-Lock® Door Rails are the easiest to install door rails in the industry. Available in many finishes to match today's décor. No messy wet glazed doors that don't allow for rail adjustment after the cement has set. Adjustable Alignment Block allows for jamb line alignment without removing the door. Rails are available with or without locks and in custom lengths. We also offer 4" (101.6 mm) Tapered Rails on page GG080. Small 9-1/2" (241 mm) Patch Door Rails in 4" (101.6 mm) Square and Tapered styles are also available.

Call CRL Technical Sales for additional information or design assistance at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7700. You can also e-mail us through our web site at **crlaurence.com/support**.



- Available With or Without a Lock

MORE CHOICES crlaurence.com

4" SQUARE DOOR RAILS FOR 3/8" (10 MM) GLASS — 35-3/4" (908 MM) LENGTH

WITHOUT LOCK	WITH LOCK*	FINISH
DR4SSA38S	DR4SSA38SL	Satin Anodized
DR4SDU38S	DR4SDU38SL	Black Bronze Anodized
DR4SBL38S	DR4SBL38SL	Black Powder Coat
DR4SBA38S	DR4SBA38SL	Brite Anodized
DR4SBBA38S	DR4SBBA38SL	Brite Brushed Anodized
DR4SBSA38S	DR4SBSA38SL	Brushed Stainless Anodized
DR4SBS38S	DR4SBS38SL	Brushed Stainless Cladding
DR4SPS38S	DR4SPS38SL	Polished Stainless Cladding
DR4SPB38S	DR4SPB38SL	Polished Brass Cladding

Minimum order: 1 each.

4" SQUARE DOOR RAILS FOR 1/2" (12 MM) GLASS — 35-3/4" (908 MM) LENGTH

WITHOUT LOCK	WITH LOCK*	FINISH
DR4SSA12S	DR4SSA12SL	Satin Anodized
DR4SDU12S	DR4SDU12SL	Black Bronze Anodized
DR4SBL12S	DR4SBL12SL	Black Powder Coat
DR4SBA12S	DR4SBA12SL	Brite Anodized
DR4SBBA12S	DR4SBBA12SL	Brite Brushed Anodized
DR4SBSA12S	DR4SBSA12SL	Brushed Stainless Anodized
DR4SBS12S	DR4SBS12SL	Brushed Stainless Cladding
DR4SPS12S	DR4SPS12SL	Polished Stainless Cladding
DR4SPB12S	DR4SPB12SL	Polished Brass Cladding

Minimum order: 1 each.

* Rails with Locks are supplied with a Latch Mechanism installed. Matching finish Keyed Cylinders or Thumbturns must be ordered separately. All Rails are supplied standard with a Jamb Alignment Block. Closer Arms and Floor or Overhead Pivots must be ordered separately. **NOTE:** Custom Length Door Rails are available - Door Rail length (including End Caps) must be specified when ordering Custom Length Rails. For custom finishes and powder painting contact Technical Sales at (800) 421-6144 in the U.S., or (877) 421-6144 from Canada, and ask for Ext. 7700. You can also e-mail us through our web site at **crlaurence.com/support**.

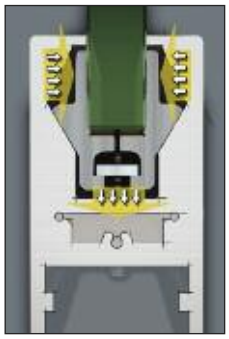
END CAPS FOR 4" SQUARE DOOR RAILS

CAT. NO.	FINISH
DREC4SSA	Satin Anodized
DREC4SDU	Black Bronze Anodized
DREC4SBL	Black Powder Coat
DREC4SBA	Brite Anodized
DREC4SBBA	Brite Brushed Anodized
DREC4SBSA	Brushed Stainless Anodized
DREC4SBS	Brushed Stainless Cladding
DREC4SPS	Polished Stainless Cladding
DREC4SPB	Polished Brass Cladding

Minimum order: 1 each.



Square End Cap



Patented Wedge-Lock® Glass Securing System U.S. Patents 6,434,905 and 6,912,818 B2, and Foreign Patents Pending



Adjustable Door Rail Alignment System



Laboratory Pull Test to 6900 lbs.

CRL 4" Tapered Configuration Door Rails

- Nine Standard Architectural Finishes, Custom Finishes, and Powder Painting
- For 3/8" and 1/2" (10 and 12 mm) Glass
- Patented Wedge-Lock® Glass Securing System
- Jamb Alignment Without Removing the Door
- Stock 35-3/4" Length for Single or Double Doors
- Custom Sizes Fabricated to Meet Your Needs



CRL's Patented Wedge-Lock® Door Rails are the easiest to install door rails in the industry. Available in many finishes to match today's décor. No messy wet glazed doors that don't allow for rail adjustment after the cement has set. Adjustable Alignment Block allows for jamb line alignment without removing the door. Rails are available with or without locks and in custom lengths. We also offer 4" (101.6 mm) Square Rails on page GG079. Small 9-1/2" (241 mm) Patch Door Rails in 4" (101.6 mm) Square and Tapered styles are also available.

Call CRL Technical Sales for additional information or design assistance at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7700. You can also e-mail us through our web site at **crlaurence.com/support**.



- Available With or Without a Lock

4" TAPERED DOOR RAILS FOR 3/8" (10 MM) GLASS — 35-3/4" (908 MM) LENGTH

WITHOUT LOCK	WITH LOCK*	FINISH
DR4TSA38S	DR4TSA38SL	Satin Anodized
DR4TDU38S	DR4TDU38SL	Black Bronze Anodized
DR4TBL38S	DR4TBL38SL	Black Powder Coat
DR4TBA38S	DR4TBA38SL	Brite Anodized
DR4TBBA38S	DR4TBBA38SL	Brite Brushed Anodized
DR4TBSA38S	DR4TBSA38SL	Brushed Stainless Anodized
DR4TBS38S	DR4TBS38SL	Brushed Stainless Cladding
DR4TPS38S	DR4TPS38SL	Polished Stainless Cladding
DR4TPB38S	DR4TPB38SL	Polished Brass Cladding

Minimum order: 1 each.

4" TAPERED DOOR RAILS FOR 1/2" (12 MM) GLASS — 35-3/4" (908 MM) LENGTH

WITHOUT LOCK	WITH LOCK*	FINISH
DR4TSA12S	DR4TSA12SL	Satin Anodized
DR4TDU12S	DR4TDU12SL	Black Bronze Anodized
DR4TBL12S	DR4TBL12SL	Black Powder Coat
DR4TBA12S	DR4TBA12SL	Brite Anodized
DR4TBBA12S	DR4TBBA12SL	Brite Brushed Anodized
DR4TBSA12S	DR4TBSA12SL	Brushed Stainless Anodized
DR4TBS12S	DR4TBS12SL	Brushed Stainless Cladding
DR4TPS12S	DR4TPS12SL	Polished Stainless Cladding
DR4TPB12S	DR4TPB12SL	Polished Brass Cladding

Minimum order: 1 each.

* Rails with Locks are supplied with a Latch Mechanism installed. Matching finish Keyed Cylinders or Thumbturns must be ordered separately. All Rails are supplied standard with a Jamb Alignment Block. Closer Arms and Floor or Overhead Pivots must be ordered separately. **NOTE:** Custom Length Door Rails are available - Door Rail length (including End Caps) must be specified when ordering Custom Length Rails. For custom finishes and powder painting contact Technical Sales at (800) 421-6144 in the U.S., or (877) 421-6144 from Canada, and ask for Ext. 7700. You can also e-mail us through our web site at **crlaurence.com/support**.

MORE INFORMATION crlaurence.com

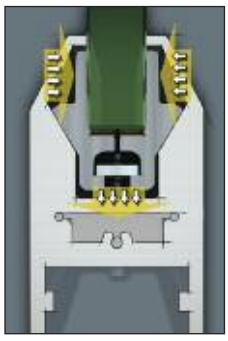
END CAPS FOR 4" TAPERED DOOR RAILS

CAT. NO.	FINISH
DREC4TSA	Satin Anodized
DREC4TDU	Black Bronze Anodized
DREC4TBL	Black Powder Coat
DREC4TBA	Brite Anodized
DREC4TBBA	Brite Brushed Anodized
DREC4TBSA	Brushed Stainless Anodized
DREC4TBS	Brushed Stainless Cladding
DREC4TPS	Polished Stainless Cladding
DREC4TPB	Polished Brass Cladding

Minimum order: 1 each.



Tapered End Cap



Patented Wedge-Lock® Glass Securing System U.S. Patents 6,434,905 and 6,912,818 B2, and Foreign Patents Pending



Adjustable Door Rail Alignment System



Laboratory Pull Test to 6900 lbs.

CRL 4" Square Configuration Sidelite Rails

- Nine Standard Architectural Finishes, Custom Finishes, and Powder Painting
- Top Load Roll-In Gasket for 3/8" or 1/2" (10 and 12 mm) Glass
- Extruded Saddle is Reversible to Match 1/4" (6 mm) or 3/4" (19 mm) Door Clearances
- Match Door Rails for Even Sightline
- Custom Sizes Fabricated to Meet Your Needs

Our 4" (101.6 mm) Square Sidelite Rail is commonly used in large display cases to secure fixed glass panels. It matches our Door Rails, which are also needed to gain access to the display. Sidelite Rails can be used top and bottom for a matching look, or with a variety of smaller configuration U-Channels. Glass is installed easily with the 'lift and drop' method using our 4" (101.6 mm) Aluminum and Neoprene Setting Blocks. Glass is secured with a Top Load EPDM Roll-in Glazing Gasket that eliminates the messy application of silicone sealant. We also offer 4" (101.6 mm) Tapered Sidelite Rails on page GG082.

Call CRL Technical Sales for additional information or design assistance at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7700. You can also e-mail us through our web site at **crlaurence.com/support**.



Reversible Saddle Included



MORE INFORMATION crlaurence.com

4" SQUARE SIDELITE RAILS* — **STOCK LENGTHS**

120" (3.05 M) LENGTH CAT. NO.	240" (6.10 M) LENGTH CAT. NO.	FINISH
SR4SSA3812SL	SR4SSA3812240	Satin Anodized
SR4SDU3812SL	SR4SDU3812240	Black Bronze Anodized
SR4SBL3812SL	SR4SBL3812240	Black Powder Coat
SR4SBA3812SL	SR4SBA3812240	Brite Anodized
SR4SBBA3812SL	SR4SBBA3812240	Brite Brushed Anodized
SR4SBSA3812SL	SR4SBSA3812240	Brushed Stainless Anodized
SR4SBS3812SL	-	Brushed Stainless Cladding
SR4SPS3812SL	-	Polished Stainless Cladding
SR4SPB3812SL	-	Polished Brass Cladding

Minimum order: 1 stock length. Must ship common carrier.

END CAPS FOR 4" SQUARE SIDELITE RAILS

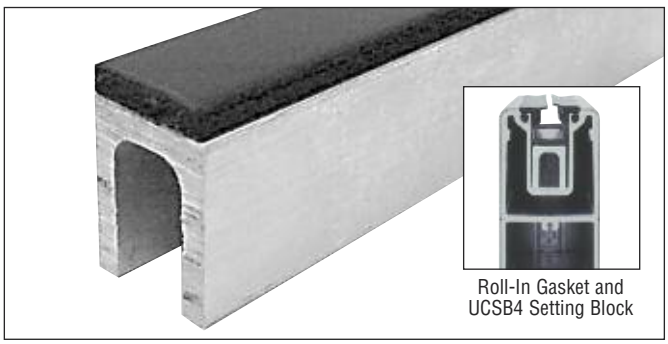
CAT. NO.	FINISH
SREC4SSA	Satin Anodized
SREC4SDU	Black Bronze Anodized
SREC4SBL	Black Powder Coat
SREC4SBA	Brite Anodized
SREC4SBBA	Brite Brushed Anodized
SREC4SBSA	Brushed Stainless Anodized
SREC4SBS	Brushed Stainless Cladding
SREC4SPS	Polished Stainless Cladding
SREC4SPB	Polished Brass Cladding

Minimum order: 1 each. **NOTE:** End Caps are not included with the Sidelite Rail, and must be ordered separately.



Square End Cap

* For installations using 1/2" (12 mm) glass, the Reversible Saddle and Roll-In Glazing Gasket are included in the package. For installations using 3/8" (10 mm) glass, the Reversible Saddle is included in the package, however, the Roll-In Glazing Gasket must be ordered separately. **NOTE:** Custom Length Sidelite Rails are available - Sidelite Rail length (including End Caps) must be specified when ordering. For custom finishes and powder painting contact Technical Sales at (800) 421-6144 in the U.S., or (877) 421-6144 from Canada, and ask for Ext. 7700. You can also e-mail us through our web site at **crlaurence.com/support**.

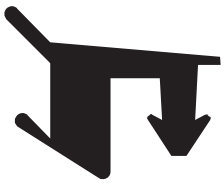


Roll-In Gasket and UCSB4 Setting Block

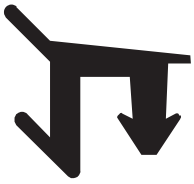
4" ALUMINUM AND NEOPRENE SETTING BLOCK

CAT. NO. UCSB4

Length 4" (101.6 mm)
Width 5/8" (15.9 mm)
Height 7/8" (22.2 mm)



For 3/8" (10 mm) Glass



For 1/2" (12 mm) Glass

EPDM ROLL-IN GLAZING GASKET FOR SQUARE SIDELITE RAILS

CAT. NO.	GLASS THICKNESS	ROLL LENGTH
GG38100	3/8" (10 mm)	100' (30.5 m)
GG38500	3/8" (10 mm)	500' (152.4 m)
GG12100	1/2" (12 mm)	100' (30.5 m)
GG12500	1/2" (12 mm)	500' (152.4 m)

Minimum order: 1 roll.

CRL 4" Tapered Configuration Sidelite Rails

- Nine Standard Architectural Finishes, Custom Finishes, and Powder Painting
- Top Load Roll-In Gasket for 3/8" or 1/2" (10 or 12 mm) Glass
- Extruded Saddle is Reversible to Match 1/4" (6 mm) or 3/4" (19 mm) Door Clearances
- Match Door Rails for Even Sightline
- Custom Sizes Fabricated to Meet Your Needs





Reversible Saddle Included



Our 4" (101.6 mm) Tapered Sidelite Rails are commonly used in large display cases to secure fixed glass panels. They match our Door Rails, which are also needed to gain access to the display. Sidelite Rails can be used top and bottom for a matching look, or with a variety of smaller configuration U-Channels. Glass is installed easily with the 'lift and drop' method using our 4" (101.6 mm) Aluminum and Neoprene Setting Blocks. Glass is secured with a Top Load EPDM Roll-In Glazing Gasket that eliminates the messy application of silicone sealant. We also offer 4" (101.6 mm) Square Sidelite Rails shown on page GG081.

Call CRL Technical Sales for additional information or design assistance at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7700. You can also e-mail us through our web site at **crlaurence.com/support**.

MORE INFORMATION crlaurence.com

4" TAPERED SIDELITE RAILS* — **STOCK LENGTHS**

120" (3.05 M) LENGTH CAT. NO.	240" (6.10 M) LENGTH CAT. NO.	FINISH
SR4TSA3812SL	SR4TSA3812240	Satin Anodized
SR4TDU3812SL	SR4TDU3812240	Black Bronze Anodized
SR4TBL3812SL	SR4TBL3812240	Black Powder Coat
SR4TBA3812SL	SR4TBA3812240	Brite Anodized
SR4TBBA3812SL	SR4TBBA3812240	Brite Brushed Anodized
SR4TBSA3812SL	SR4TBSA3812240	Brushed Stainless Anodized
SR4TBS3812SL	-	Brushed Stainless Cladding
SR4TPS3812SL	-	Polished Stainless Cladding
SR4TPB3812SL	-	Polished Brass Cladding

Minimum order: 1 stock length. Must ship common carrier.

END CAPS FOR 4" TAPERED SIDELITE RAILS

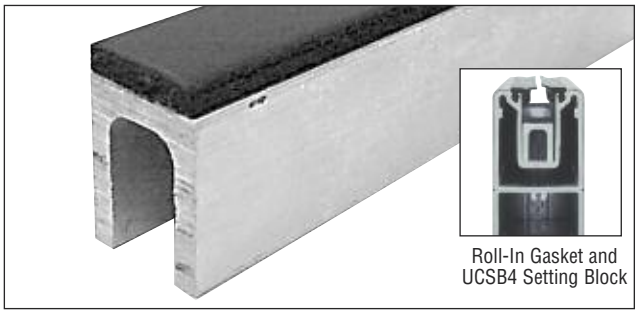
CAT. NO.	FINISH
SREC4TSA	Satin Anodized
SREC4TDU	Black Bronze Anodized
SREC4TBL	Black Powder Coat
SREC4TBA	Brite Anodized
SREC4TBBA	Brite Brushed Anodized
SREC4TBSA	Brushed Stainless Anodized
SREC4TBS	Brushed Stainless Cladding
SREC4TPS	Polished Stainless Cladding
SREC4TPB	Polished Brass Cladding

Minimum order: 1 each. **NOTE:** End Caps are not included with the Sidelite Rail, and must be ordered separately.



Tapered End Cap

* For installations using 1/2" (12 mm) glass, the Reversible Saddle and Roll-In Glazing Gasket are included in the package. For installations using 3/8" (10 mm) glass, the Reversible Saddle is included in the package, however, the Roll-In Glazing Gasket must be ordered separately. **NOTE:** Custom Length Sidelite Rails are available - Sidelite Rail length (including End Caps) must be specified when ordering. For custom finishes and powder painting contact Technical Sales at (800) 421-6144 in the U.S., or (877) 421-6144 from Canada, and ask for Ext. 7700. You can also e-mail us through our web site at **crlaurence.com/support**.



Roll-In Gasket and UCSB4 Setting Block

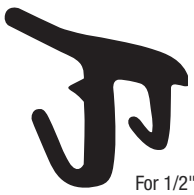
4" ALUMINUM AND NEOPRENE SETTING BLOCK

CAT. NO. UCSB4

Length 4" (101.6 mm)
Width 5/8" (15.9 mm)
Height 7/8" (22.2 mm)



For 3/8" (10 mm) Glass



For 1/2" (12 mm) Glass

EPDM ROLL-IN GLAZING GASKET FOR TAPERED SIDELITE RAILS

CAT. NO.	GLASS THICKNESS	ROLL LENGTH
GGT38100	3/8" (10 mm)	100' (30.5 m)
GGT38500	3/8" (10 mm)	500' (152.4 m)
GGT12100	1/2" (12 mm)	100' (30.5 m)
GGT12500	1/2" (12 mm)	500' (152.4 m)

Minimum order: 1 roll.

CRL Blumcraft® 1301 Series Display Case Doors and Sidelites

BLUMCRAFT®
A DIVISION OF C.R. LAURENCE CO., INC.

- Fully Glazed With 3/8", 1/2", 5/8" or 3/4" (10, 12, 16 or 19 mm) Laminated or Tempered Glass
- Five Standard Architectural Finishes
- Custom Finishes Available

MORE INFORMATION crlaurence.com

CRL US ALUMINUM MANUFACTURED IN THE USA

USE MONOLITHIC TEMPERED GLASS or USE LAMINATED TEMPERED GLASS

CRL Blumcraft® 1301 Series Display Case Doors and Sidelites provide the most clear viewable area of any heavy glass display case system available today. Top and bottom rails measure only 1-1/4" x 1-1/4" (31.8 x 31.8 mm), and are prepped for pivots and locks.

We offer two systems, the 1301-SM Series With Surface Mounted Pivots, and the 1301-CM Series With Continuous Mounting Bars that house the pivots, locks, and catches. Both are available with center or offset pivots.

Matching fully glazed sidelites and an optional perimeter trim are available for both systems. 1301 Display Case Doors and Sidelites are available in five standard architectural finishes: satin anodized, black bronze anodized, brushed or polished stainless steel, and polished brass. Powder painted or oil rubbed bronze finishes available on special order.

1301 Series Display Case Doors and Sidelites are available with 3/8", 1/2", 5/8" or 3/4" (10, 12, 16 or 19 mm) glass, either tempered or laminated, in clear, tinted, low-iron, anti-reflective, or specialty glass upon request.



CRL Blumcraft® 1301-SM Series Display Case Doors and Sidelites With Surface Mounted Pivots

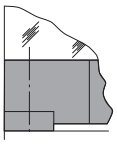
- Surface Mounted Pivots
- Lever Type Cam Lock

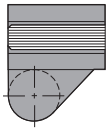
Our 1301-SM Series Display Case Doors and Sidelites are supplied fully glazed with surface mounted pivots and catches for immediate installation into display cases produced by others.

The specially designed surface mount pivots are concealed when the door is in the closed position. An optional Roller Catch/Stop is available for added stability at the top of the door.

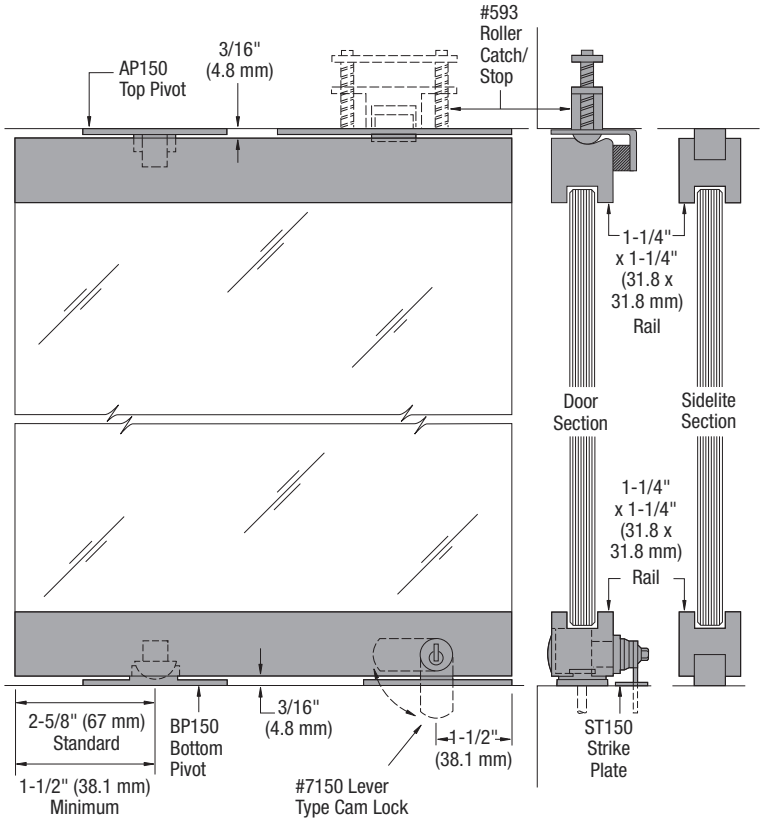
1301-SM Doors are also available with offset pivots to allow for less intrusion of the door into the display area.

1301-SM Sidelites come glazed with matching top and bottom rails to maintain a consistent sightline throughout.


Elevation


Plan View

Offset Pivots



CRL Blumcraft® 1301-CM Series Display Case Doors and Sidelites With Continuous Mounting Bars

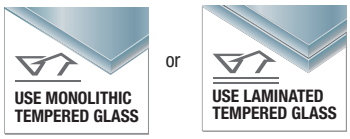
BLUMCRAFT®
A DIVISION OF C.R. LAURENCE CO., INC.

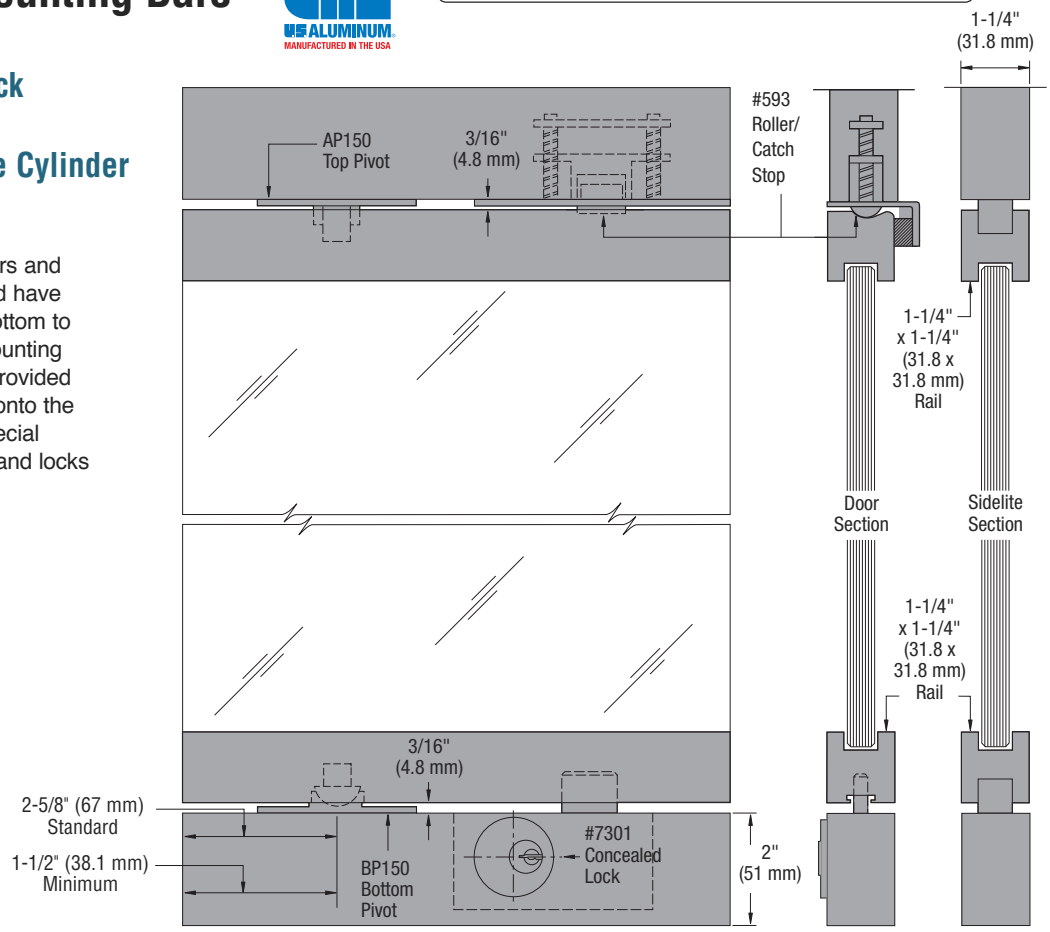
CRL US ALUMINUM MANUFACTURED IN THE USA

- **Concealed Pivots and Lock for Added Security**
- **Accepts Standard Mortise Cylinder**

1301-CM Series Display Case Doors and Sidelites are supplied fully glazed, and have Continuous Mounting Bars top and bottom to conceal the pivots and locks. The mounting bars are installed into display cases provided by others, and then the doors mount onto the bars. This eliminates the need for special prepping and mortising for the pivots and locks into the display case.

MORE INFORMATION crlaurence.com



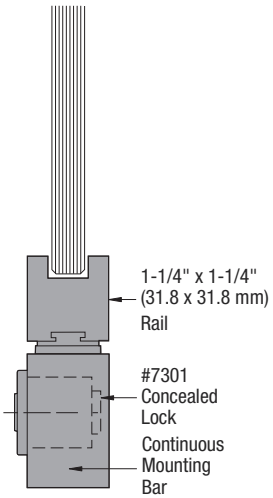


#7301 Concealed Lock Used With Series 1301-CM Display Case Doors and Continuous Mounting Bars

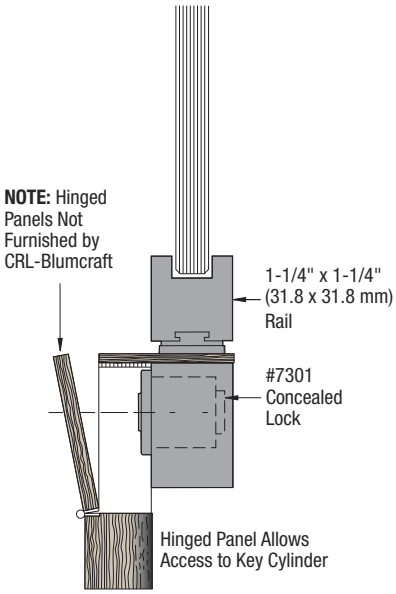
The surfaces of the door rails are kept clear by moving the lock and mortise cylinder into the Continuous Mounting Bar. Locks can be located at top, bottom or both for added security.

1301 Series Display Case Doors and Sidelites are available with 3/8", 1/2", 5/8" or 3/4" (10, 12, 16 or 19 mm) glass, either tempered or laminated, in clear, tinted, low-iron, anti-reflective, or specialty glass upon request.

For additional information contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7700. You can also e-mail us through our web site at **crlaurence.com/support**.



Key Cylinder Flush With Face of Wall Below Case



Hinged Panel Allows Access to Key Cylinder

CRL Showcases, Trophy Cases, and Bulletin Board Cases

MORE INFORMATION
crlaurence.com

- **Available With Hinged or Sliding Doors**
- **Ideal for Schools, Retail, or Businesses**
- **Stock Sizes Available With Custom Sizes and Finishes on Request**

CRL's Showcases, Trophy Cases, and Bulletin Board Cases are uniquely designed and quality made. Available with continuous hinge swinging doors or sliding doors, these aluminum frame cases are perfect for schools, libraries, businesses or even residential use for displaying scholastic, business or personal collectibles. These beautifully designed cases are shipped to you knocked down. You can choose from anodized finish options or powder coated paint. Cases are designed to be glazed with tempered glass (not included).

For additional information, visit **crlaurence.com/showcases** or contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 5275. You can also e-mail us through our web site at **crlaurence.com/support**.



Retail Showcase on Pedestal Base



Retail Showcase on Legs



Trophy Case With Sliding Doors on Pedestal Base

Trophy Case With Hinged Door Mounted on Pedestal Base

USE MONOLITHIC TEMPERED GLASS



Wall Mounted Bulletin Board Case

CRL Custom Showcase Frames





In store planning and design, there is often a need for a custom showcase to display jewelry, collectibles or items you want to feature or merchandise in a special way. We can provide limitless showcase designs and options to focus maximum attention on your display.

CRL's Aluminum Showcase Frames are available in standard configurations or we can fabricate to your exact specifications. Our Custom Aluminum Frame Showcases are not only the ultimate in terms of design and quality, but they can be fabricated and shipped to you in lead times that are superior to anything the industry can provide.

For additional information visit **crlaurence.com/custom-showcases** or contact our Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 288-1281 International, and ask for Ext. 5275. You can also e-mail us through our web site at **crlaurence.com/support**.





What Style Do I Need?

The questions you need to ask are: How much space do I have available? What products are to be displayed? Would sliding doors or hinged doors be best? After answering these questions, refer to the frame styles below.

How Long Will it Take to Assemble the Showcase?

Usually from one to two hours.

Are All the Parts and Pieces Identified?

All similar parts are wrapped together and easily identified in the assembly instructions.

What Tools Will I Need?

A Phillips screwdriver is all that you will require.



What About the Glass?

You supply the tempered glass. Glass size information is packed to arrive with your Custom Showcase Frame. If glass sizes are needed in advance, they can be sent to you as soon as your order is entered with our Manufacturing Division. C.R. Laurence recommends that tempered glass be used with all Custom Showcase Frames.

MORE CHOICES
crlaurence.com



Newport



Gibraltar



Avalon



Celtic



Triangle



Wood End



Clover



Hexagon



Octagon

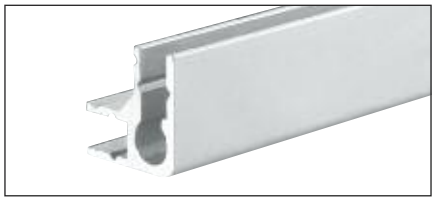
CRL Custom Showcase Components

MORE CHOICES crlaurence.com

• CRL Custom Top Quality Aluminum Extrusions to Fabricate Your Own Custom Showcases

CRL has all the required Extrusions and Components to build your own showcase to the exact dimensions you require. The extrusions are of the highest available quality and are in stock in the most popular finishes. Our experts can assist you in selecting all the necessary components to enable you to fabricate your custom showcase quickly and correctly. Please contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 5275. You can also email us through our web site at **crlaurence.com/support** for assistance in selecting the showcase design that will best fit your needs. For our full line of showcase Extrusions and Components, please go to **crlaurence.com/custom-showcases**.

Front Upright Extrusion



CAT. NO. D3015A

90 Degree Upright Extrusion



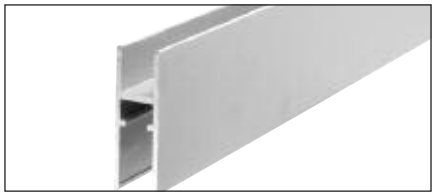
CAT. NO. D7015A

Front Top Rail Extrusion



CAT. NO. D3112A

H-Bar Extrusion



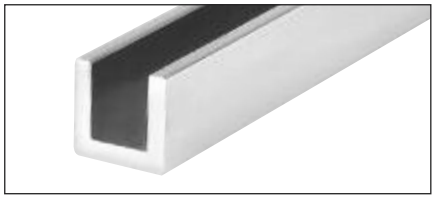
CAT. NO. LK610A

Double Channel Extrusion



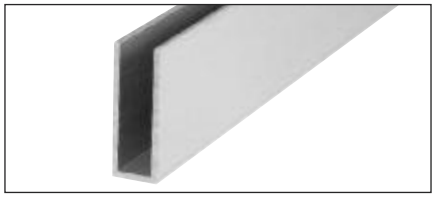
CAT. NO. D603A

Single Channel Extrusion



CAT. NO. D3021A

Channel Extrusion



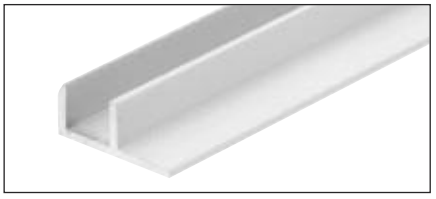
CAT. NO. D626A

Door Jamb Extrusion



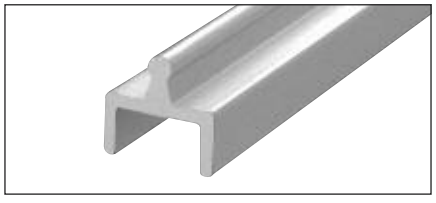
CAT. NO. D7016A

Showcase "F" Extrusion



CAT. NO. D3106A

Single Rail Extrusion



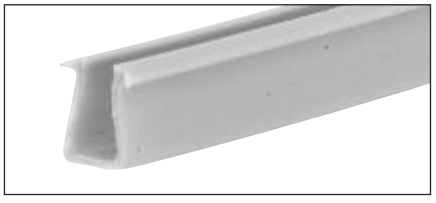
CAT. NO. D601A

Lower Track Extrusion



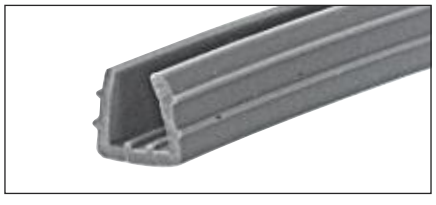
CAT. NO. D3103A

Semi-Rigid Showcase Vinyl



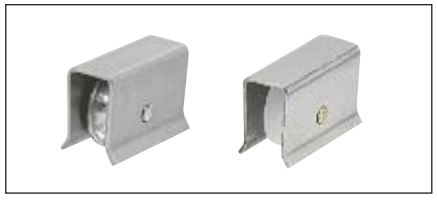
CAT. NO. D781S

Showcase Track Vinyl



CAT. NO. DV765M

Wheel Assemblies for Showcases



CAT. NO. D649/D650

Showcase H-Bar End Cap

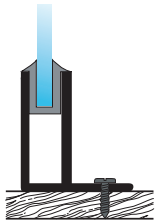


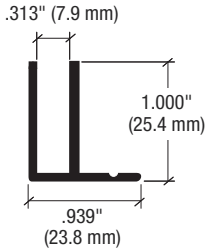
CAT. NO. D334A

CRL Fixed Glass Framing

- Used to Frame Glass Flush to the Surface in Fixed Openings
- Designed for Up to 1/4" (6 mm) Glass
- Cut to Your Own Size

CRL Fixed Framing secures fixed glass into an existing opening, allowing the glass to be flush with the surface. Easy to fabricate and install. To fasten miter cut ends around glass use Cat. No. D662WS Corner and Screws. For Screws only order Cat. No. D122A, minimum order is 100 each.









CAT. NO. D662WS
Corner with Screws
Minimum order: 1 each



CAT. NO. 662
Corner Only
Minimum order: 1 each



CAT. NO. 658
Miter Corner Only
Minimum order: 1 each

CAT. NO.	LENGTH	FINISH
D1675A	12'-0" (3.66 m)	Satin Anodized
D1675DU	12'-0" (3.66 m)	Duranodic Bronze
D1675GA	12'-0" (3.66 m)	Gold Anodized

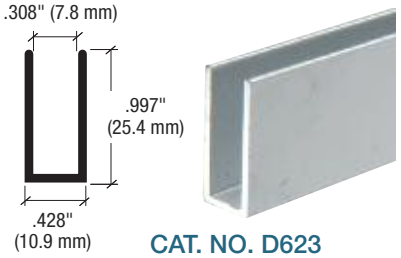
Minimum order: 1 stock length.

CRL Universal Framing

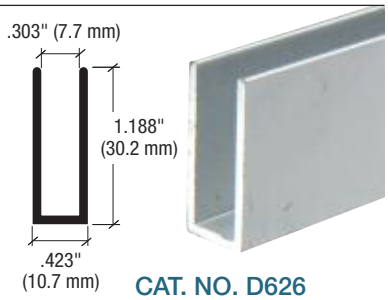
- Used to Make Hinged Doors or Fixed Frames for 1/4" (6 mm) Materials
- Three Finishes Available

CRL Universal Framing Extrusions may be used for framing smaller hinged glass doors for showcases, corkboard displays, and shadow box frames. Glaze with CRL Vinyl shown on pages DW134-DW135. Uses Cat. No. D662WS Corner and Screws, sold separately.





CAT. NO. D623
1" (25.4 mm) Face Height



CAT. NO. D626
1-3/16" (30.17 mm) Face Height

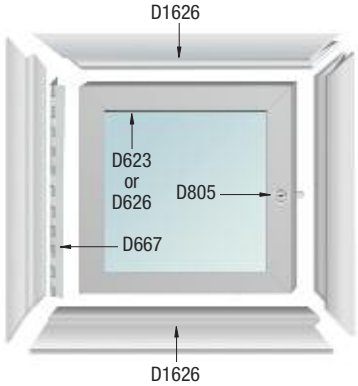
CAT. NO.	CAT. NO.	LENGTH	FINISH
D623A	D626A	12'-0" (3.66 m)	Satin Anodized
D623DU	D626DU	12'-0" (3.66 m)	Duranodic Bronze
D623GA	D626GA	12'-0" (3.66 m)	Gold Anodized

Minimum order: 1 stock length.

CRL Hinged Door Framing and Components

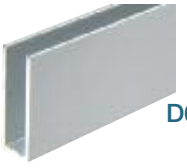
- Used to Make Small Hinged Doors for 1/4" (6 mm) Glass or Other Materials
- Simply Cut to Size, Assemble Frame, and Mount

CRL Hinged Door Framing and Components allow you to make your own easy-to-assemble hinged doors for showcases, displays, wall mounted bulletin boards, etc.

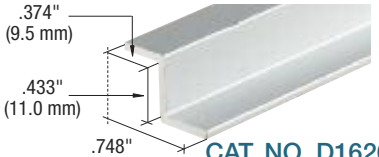




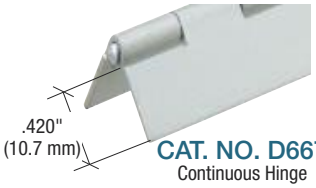
CAT. NO. D805
Cam Lock
(See page GG132)



CAT. NO.
D623 OR D626
Universal Framing
(See above)



CAT. NO. D1626
Z-Bar



CAT. NO. D667
Continuous Hinge

CAT. NO.	DESCRIPTION	LENGTH	FINISH
D1626A	Z-Bar	12'-0" (3.66 m)	Satin Anodized
D1626DU	Z-Bar	12'-0" (3.66 m)	Duranodic Bronze
6D667A	Hinge	6'-0" (1.83 m)	Satin Anodized
D667BRZ	Hinge	6'-0" (1.83 m)	Bronze

Minimum order: 1 stock length.

MORE CHOICES crlaurence.com

All finishes and shapes can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than 10 combined lengths. Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for U.P.S. A Cutting Charge will apply. Visit crlaurence.com/showcase-extrusions for a complete selection of Aluminum Track Conponents.

CRL Hinges for Showcases and Glass Cabinet Doors

MORE CHOICES crlaurence.com

CRL has Hinges for just about any type of project. Small and medium sized Hinges with set screws that require no glass fabrication; Glass-to-Wall, Glass-to-Glass, and Pivot Hinges for heavy glass doors; and many other Hinges for just about any application involving glass doors on displays and cabinets. Most CRL Hinges are available in both chrome and brass finishes, and those made for heavy glass applications are available in many more. Our complete line of Hinges can be viewed on our web site at crlaurence.com/showcase-hinges.

CRL Nickel on Steel Piano Hinges

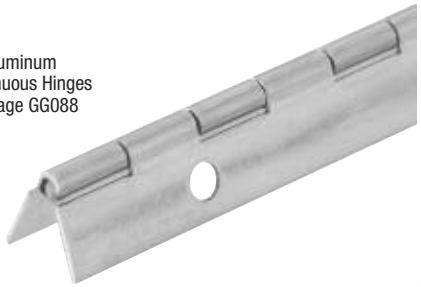
- Ideal for Hanging Cabinet Doors
- Countersunk Holes
- Available in Three Widths
- Attractive Nickel Finish

This CRL Nickel on Steel Piano Hinge can be used for unlimited projects related to doors, wood, mirror, and glass. Recommended for hinged mirror doors supported by a wood backing. Also used as a general purpose hinge on cabinets, chests, and other products. The hinges are fabricated using .040 gauge steel, and have countersunk holes on 2" (50.8 mm) centers.

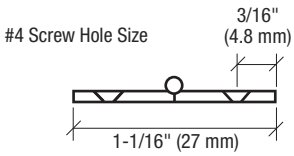
CAT. NO.	GAUGE	OPEN WIDTH	WINGS	STOCK LENGTH
1716NS	.040	1-1/16" (27 mm)	17/32" (13.5 mm)	6' (1.83 m)
2416NS	.040	1-1/2" (38.1 mm)	3/4" (19 mm)	6' (1.83 m)
3200NS	.040	2" (50.8 mm)	1" (25.4 mm)	6' (1.83 m)

Minimum order: 1 each. All Nickel on Steel Piano Hinges can be combined for quantity pricing.
Packing charge added on orders of less than 10 stock lengths.

For Aluminum Continuous Hinges See Page GG088

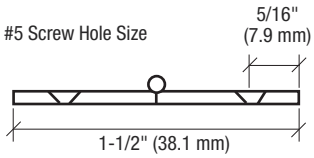


CAT. NO. 1716NS



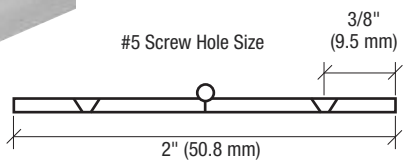


CAT. NO. 2416NS





CAT. NO. 3200NS



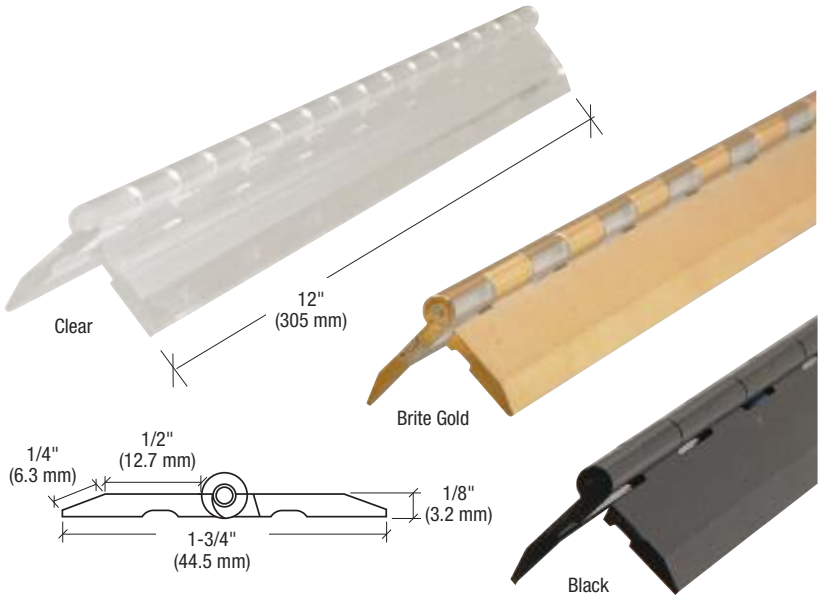
CRL Acrylic Continuous Hinges

- No Drilling or Riveting Required
- Stock 12" Sections Can Be Cut or Pieced Together to Create Any Length Desired

CRL Acrylic Continuous Hinges are the perfect replacement for metal hinges that require drilling or additional fabrication to install. Available in Clear, Black and Brite Gold, Acrylic Continuous Hinges can be secured in place using acrylic adhesive. Polished beveled edges provide a neat appearing, finished look. **NOTE:** Maximum weight per 12" (305 mm) Hinge is 5 pounds (2.2 kg).

CAT. NO.	FINISH	WIDTH	LENGTH
12AHC	Clear	1-3/4" (44.5 mm)	12" (305 mm)
12AHBL	Black	1-3/4" (44.5 mm)	12" (305 mm)
12AHBG	Brite Gold	1-3/4" (44.5 mm)	12" (305 mm)

Minimum order: 1 each. Finishes can be combined for quantity pricing.



TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Showcase Pivot Hinges

- For 3/16" and 1/4" (5 and 6 mm) Glass
- No Holes or Cut-Outs Required

USE MONOLITHIC TEMPERED GLASS

The maximum recommended door width is 22" (559 mm). Maximum weight should not exceed 25 lbs. (11.3 kg). Minimum clearance required is 1/4" (6.3 mm) top and 1/4" (6.3 mm) bottom. One set top and bottom per pack.



Front View



Rear View

CAT. NO.	GLASS SIZE	FINISH
EH232	3/16" (5 mm)	Chrome
EH234	3/16" (5 mm)	Brass
EH236	1/4" (6 mm)	Chrome
EH238	1/4" (6 mm)	Brass

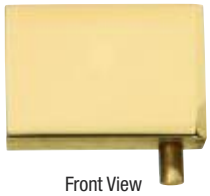
Minimum order: 1 pack. All Showcase Hinges can be combined for quantity pricing.

CRL Glass Door Pivot Hinges

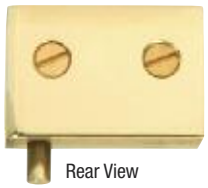
- For 1/4" to 5/16" (6 to 8 mm) Glass
- No Holes or Cut-Outs Required

USE MONOLITHIC TEMPERED GLASS

The maximum recommended door width is 14" (356 mm) for Standard Hinges and 20" (508 mm) for Wide Hinges. Maximum weight should not exceed 18 lbs. (8.2 kg) for Standard Series and 28 lbs. (12.7 kg) for Wide Series. One set top and bottom per pack.



Front View



Rear View

STANDARD CAT. NO.	WIDE CAT. NO.	FINISH
EH224	EH324	Chrome
EH225	---	Brushed Nickel
EH226	EH326	Brass
---	EH328	Satin Chrome

Minimum order: 1 pack. All Showcase Hinges can be combined for quantity pricing.

CRL Flush Mount Cabinet Pivot Hinges

- For 1/4" to 5/16" (6 to 8 mm) Glass
- Requires One Hole and One Cut-Out

USE MONOLITHIC TEMPERED GLASS

The maximum recommended door width is 24" (610 mm). The recommended maximum weight of the door should not exceed 50 lbs. (22.7 kg). Minimum clearance required is 1/8" (3.2 mm) top and 1/8" (3.2 mm) bottom. One set top and bottom per pack.



Front View



Rear View

CAT. NO.	FINISH
FA55BR	Brass
FA55CH	Chrome
FA55SC	Satin Chrome

Minimum order: 1 pack. All Showcase Hinges can be combined for quantity pricing.

CRL Surface Mount Cabinet Pivot Hinges

- For 1/4" to 5/16" (6 to 8 mm) Glass
- Requires One Hole and One Cut-Out

USE MONOLITHIC TEMPERED GLASS

The maximum recommended door width is 24" (610 mm). The recommended maximum weight of the door should not exceed 50 lbs. (22.7 kg). Minimum clearance required is 1/4" (6.3 mm) top and 1/4" (6.3 mm) bottom. One set top and bottom per pack.



Front View



Rear View

CAT. NO.	FINISH
FA50BR	Brass
FA50CH	Chrome
FA50SC	Satin Chrome

Minimum order: 1 pack. All Showcase Hinges can be combined for quantity pricing.

CRL Single Wall-to-Glass Hinges

- One 1/2" (12 mm) Hole Required

USE MONOLITHIC TEMPERED GLASS

The maximum recommended width is 14" (356 mm) and maximum weight should not exceed 10 lbs. (4.5 kg). Two per pack.



Front View



Rear View

CAT. NO.	FINISH
EH260	Brass
EH262	Chrome

Minimum order: 1 pack. All Showcase Hinges can be combined for quantity pricing.

CRL Square Corner Hinges

- One 9/16" (14 mm) Hole Required

USE MONOLITHIC TEMPERED GLASS

The maximum recommended width is 24" (610 mm) and maximum weight should not exceed 50 lbs. (22.7 kg). Two per pack.



Front View



Rear View

CAT. NO.	FINISH
EH84	Chrome
EH86	Brass

Minimum order: 1 pack. All Showcase Hinges can be combined for quantity pricing.

NOTE: For additional product dimensions and specifications go to **crlaurence.com/showcase-hinges**

CRL Double Wall-to-Glass Hinges

- **For 1/4" to 5/16" (6 to 8 mm) Glass**
- **Two 1/2" (12 mm) Holes Required**

The maximum recommended door width is 22" (559 mm). Maximum weight should not exceed 30 lbs. (13.6 kg). Two per pack.



Front View



Rear View

USE MONOLITHIC TEMPERED GLASS

CAT. NO.	FINISH
EH246	Chrome
EH244	Brass

Minimum order: 1 pack. All Showcase Hinges can be combined for quantity pricing.

CRL Half Round Style Hinges

- **For 1/4" to 5/16" (6 to 8 mm) Glass**
- **One 1/2" (12 mm) Hole Required**

The maximum recommended width is 24" (610 mm) and maximum weight should not exceed 50 lbs. (22.7 kg). Two per pack.



Front View



Rear View

USE MONOLITHIC TEMPERED GLASS

CAT. NO.	FINISH
EH184	Chrome
EH185	Satin Chrome
EH186	Brass

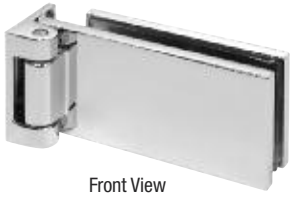
Minimum order: 1 pack. All Showcase Hinges can be combined for quantity pricing.

CRL Offset Pivot Hinges

MORE CHOICES crlaurence.com

- **For 5/16" to 3/8" (8 to 10 mm) Glass**
- **Two 5/8" (16 mm) Holes Required**

The maximum recommended door width is 32" (813 mm) using two hinges, and 36" (914 mm) using three hinges. Maximum weight should not exceed 96 lbs. (43 kg) using two hinges, and 140 lbs. (63 kg) using three hinges. One per pack.



Front View



Rear View

USE MONOLITHIC TEMPERED GLASS

CAT. NO.	FINISH
FA044CH	Chrome
FA044BR	Brass

Minimum order: 1 pack. All Showcase Hinges can be combined for quantity pricing.

CRL 90 Degree Glass-to-Glass Hinges

- **For 1/4" to 5/16" (6 to 8 mm) Glass**
- **Four 1/2" (12 mm) Holes Required**

The maximum recommended door width is 22" (559 mm). Maximum weight should not exceed 30 lbs. (13.6 kg). Two per pack.



Front View



Rear View

USE MONOLITHIC TEMPERED GLASS

CAT. NO.	FINISH
EH254	Chrome
EH252	Brass

Minimum order: 1 pack. All Showcase Hinges can be combined for quantity pricing.

CRL 90 Degree Glass-to-Glass Hinges

- **For 1/4" (6 mm) Glass**
- **Two 1/2" (12 mm) Holes Required**

The maximum recommended door width is 18" (457 mm). Maximum weight should not exceed 24 lbs. (10.9 kg). One per pack.



Front View



Rear View

USE MONOLITHIC TEMPERED GLASS

CAT. NO.	FINISH
EH136	Chrome
EH138	Brass

Minimum order: 1 pack. All Showcase Hinges can be combined for quantity pricing.

CRL 180 Degree Glass-to-Glass Hinges

- **For 1/4" to 5/16" (6 to 8 mm) Glass**
- **Four 1/2" (12 mm) Holes Required**

The maximum recommended door width is 22" (559 mm). Maximum weight should not exceed 30 lbs. (13.6 kg). Two per pack.



Front View



Rear View

USE MONOLITHIC TEMPERED GLASS

CAT. NO.	FINISH
EH242	Chrome
EH240	Brass

Minimum order: 1 pack. All Showcase Hinges can be combined for quantity pricing.

NOTE: For additional product dimensions and specifications go to **crlaurence.com/showcase-hinges**

CRL Mini Wall Mount Set Screw Hinges

USE MONOLITHIC TEMPERED GLASS

- For 3/16" and 1/4" (5 and 6 mm) Glass
- No Holes or Cut-Outs Required

The maximum recommended door width is 16" (406 mm). Maximum weight should not exceed 8 lbs. (3.6 kg). Two per pack with matching finish wood screws provided.



Front View



Rear View

CAT. NO.	FINISH
EH172	Chrome
EH174	Brass

Minimum order: 1 pack. All Showcase Hinges can be combined for quantity pricing.

CRL Small Wall Mount Set Screw Hinges

USE MONOLITHIC TEMPERED GLASS

- For 1/4" to 5/16" (6 to 8 mm) Glass
- No Holes or Cut-Outs Required

The maximum recommended door width is 16" (406 mm). Maximum weight should not exceed 8 lbs. (3.6 kg). Two per pack with matching finish wood screws.



Front View



Rear View

CAT. NO.	FINISH
EH72	Chrome
EH74	Brass

Minimum order: 1 pack. All Showcase Hinges can be combined for quantity pricing.

CRL Mini Glass-to-Glass Set Screw Inswing Hinges

USE MONOLITHIC TEMPERED GLASS

- For 3/16" and 1/4" (5 and 6 mm) Glass
- No Holes or Cut-Outs Required

The maximum recommended door width is 16" (406 mm). Maximum weight should not exceed 8 lbs. (3.6 kg). Two per pack.



Front View



Rear View

CAT. NO.	FINISH
EH180	Chrome
EH182	Brass

Minimum order: 1 pack. All Showcase Hinges can be combined for quantity pricing.

CRL Mini Glass-to-Glass Set Screw Outswing Hinges

USE MONOLITHIC TEMPERED GLASS

- For 3/16" and 1/4" (5 and 6 mm) Thick Glass
- No Holes or Cut-Outs Required

The maximum recommended door width is 16" (406 mm). Maximum weight should not exceed 8 lbs. (3.6 kg). Two per pack.



Front View



Rear View

CAT. NO.	FINISH
EH188	Chrome
EH190	Brass

Minimum order: 1 pack.

CRL Large Wall Mount Set Screw Hinges

USE MONOLITHIC TEMPERED GLASS

- For 3/16" to 5/16" (5 to 8 mm) Glass
- No Holes or Cut-Outs Required

The maximum recommended door width is 18" (457 mm). Maximum weight should not exceed 20 lbs. (9 kg). Two per pack with matching finish wood screws.



Front View



Rear View

CAT. NO.	FINISH
EH168	Chrome
EH170	Brass

Minimum order: 1 pack. All Showcase Hinges can be combined for quantity pricing.

CRL Large Glass-to-Glass Set Screw Outswing Hinges

USE MONOLITHIC TEMPERED GLASS

- For 1/4" to 5/16" (6 to 8 mm) Glass
- No Holes or Cut-Outs Required

The maximum recommended width is 18" (457 mm). Maximum weight should not exceed 20 lbs. (9 kg). Two per pack.



Front View



Rear View

CAT. NO.	FINISH
EH192	Chrome
EH194	Brass

Minimum order: 1 pack. All Showcase Hinges can be combined for quantity pricing.

NOTE: For additional product dimensions and specifications go to **crlaurence.com/showcase-hinges**

CRL European Style Glass Door Hinges

- For 3/16" to 1/4" (5 to 6 mm) Glass
- Opens a Full 90 Degrees

Our European Style Hinges for surface or flush mounting of glass cabinet doors open a full 90 degrees to allow full frontal access to the interior. Accommodating 3/16" to 1/4" (5 to 6 mm) thick glass, they require a 26 mm hole for installation. Common Mounting Plate and Hinge Cover Plate fit either Overlay or Inset Type Hinges. Two Glass Cover Plate finishes fit either Hinge. The entire system is designed for easy installation. Minor adjustments for a precise fit can be made without moving the entire Hinge.

CRL Overlay Hinge





Overlay Hinge allows glass to overlap opening of cabinet. Mounts to EH122 Mounting Plate (below). One per package.

CAT. NO.	DESCRIPTION
EH202	Overlay Hinge

Minimum order: 1 each. Hinges can be combined for quantity pricing.

CRL Inset Hinge

MORE CHOICES crlaurence.com





Inset Hinge allows for flush mounting of glass in cabinet opening. Mounts to EH122 Mounting Plate (below). One per package.

CAT. NO.	DESCRIPTION
EH204	Inset Hinge

Minimum order: 1 each. Hinges can be combined for quantity pricing.

CRL Mounting Plate



Mounting Plate to secure European Style Overlay or Inset Hinge to cabinet wall. One per package.

CAT. NO.	DESCRIPTION
EH122	Mounting Plate

Minimum order: 1 pack.

CRL Mounting Plate



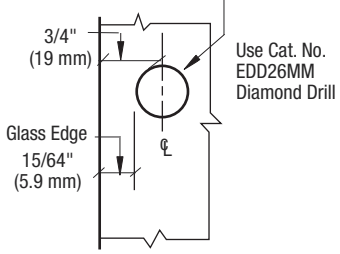
Black plastic Hinge Cover Plate snaps on to mounting arm of Overlay or Inset Hinges. One per package.

CAT. NO.	DESCRIPTION
EH120	Hinge Cover Plate

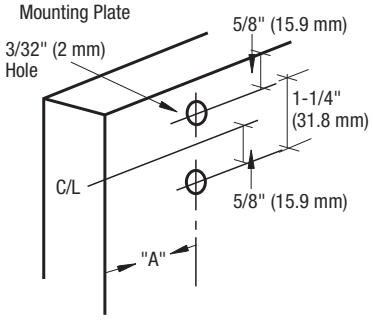
Minimum order: 1 pack.

Installation Instructions

1. Drill 26 mm hole in glass



2. Drill cabinet for EH122 Mounting Plate



"A" INSET

Overlay Hinge = 1-29/64" (36.9 mm)
Inset Hinge = 1-29/64" (36.9 mm)
Plus Glass Thickness

CRL Mounting Plate



Glass Cover Plates hide thru-glass portion of Overlay or Inset Hinges. One per package.

CAT. NO.	DESCRIPTION
EH156	Chrome Cover Plate
EH158	Brass Cover Plate

Minimum order: 1 pack.



SUGGESTED GUIDELINE FOR HINGE INSTALLATION

DOOR HEIGHT	NO. OF HINGES REQUIRED	MAXIMUM DOOR WEIGHT*
36" (914 mm)	2	20 Lbs (9.1 kg)
60" (1524 mm)	3	32 Lbs (14.5 kg)
84" (2133 mm)	4	45 Lbs (20.4 kg)
96" (2438 mm)	5	51 Lbs (23.1 kg)

*** NOTE:** Maximum Door Width is 24" (610 mm)

TOLL FREE Phone: (800) 421-6144
Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL Stereo Cabinet Hinges and Accessories

MORE INFORMATION crlaurence.com

USE MONOLITHIC TEMPERED GLASS

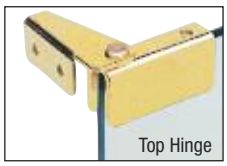
• Precision Machined and Quality Finished Hinges Designed for 3/16" (5 mm) Glass

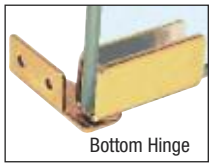
CRL's Stereo Cabinet Hardware is specifically designed for the fabrication of cabinets used for electronic components, china or collectibles. All of the hardware is manufactured with precision to ensure a precise fit and years of service. To view our full line of Stereo Cabinet Hinges and Accessories go to **crlaurence.com/displays**.





Standard Mount Hinges





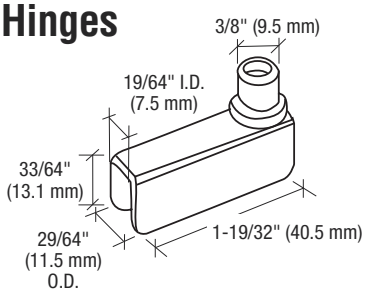
Recess Mount Hinges





Surface Mount Hinges

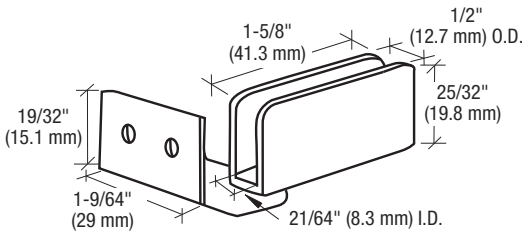
CRL Standard Mount Hinges



CAT. NO.	FINISH	QTY/PKG
GDH5BL	Black	1 Pair
GDH5BR	Brass	1 Pair
GDH5CH	Chrome	1 Pair

Minimum order: 1 pair. All Stereo Cabinet Hinges can be combined for quantity pricing.

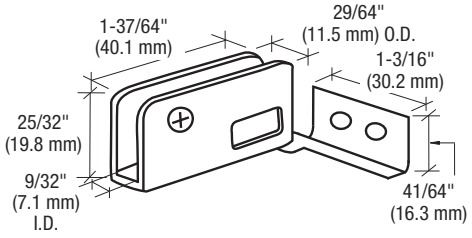
CRL Recess Mount Hinges



CAT. NO.	FINISH	QTY/PKG
GDH86BL	Black	1 Pair
GDH86BR	Brass	1 Pair
GDH86CH	Chrome	1 Pair

Minimum order: 1 pair. All Stereo Cabinet Hinges can be combined for quantity pricing.

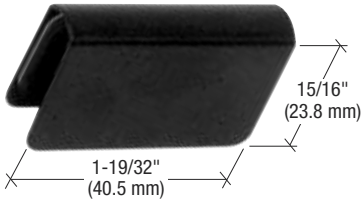
CRL Surface Mount Hinges



CAT. NO.	FINISH	QTY/PKG
GDH96BL	Black	1 Pair
GDH96BR	Brass	1 Pair
GDH96CH	Chrome	1 Pair

Minimum order: 1 pair. All Stereo Cabinet Hinges can be combined for quantity pricing.

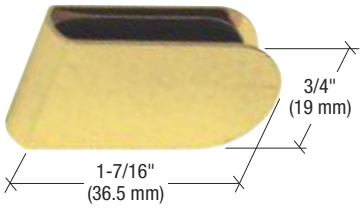
Rectangular Strike Plates



CAT. NO.	FINISH	QTY/PKG
GDH7BL	Black	1
GDH7BR	Brass	1
GDH7CH	Chrome	1

Minimum order: 1 each. Can be combined with all Stereo Cabinet Hardware for quantity pricing.

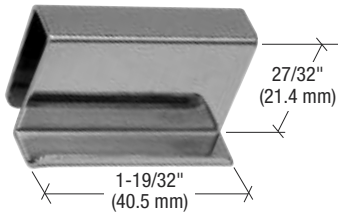
Rounded Edge Strike Plates



CAT. NO.	FINISH	QTY/PKG
GDH90BR	Brass	1
GDH90CH	Chrome	1

Minimum order: 1 each. Can be combined with all Stereo Cabinet Hardware for quantity pricing.

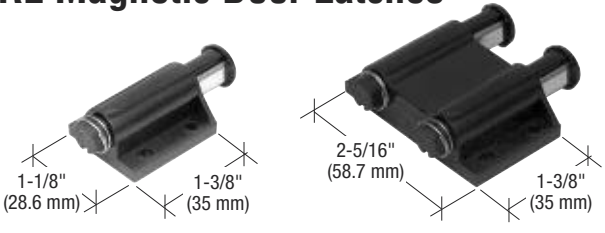
Finger Grip Strike Plates



CAT. NO.	FINISH	QTY/PKG
GDH60BL	Black	1
GDH60BR	Brass	1
GDH60CH	Chrome	1

Minimum order: 1 each. Can be combined with all Stereo Cabinet Hardware for quantity pricing.

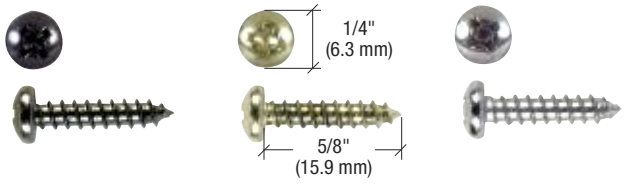
CRL Magnetic Door Latches



CAT. NO.	FINISH	TYPE	QTY/PKG
GDH11BL	Black	Single	1
GDH22BL	Black	Double	1

Minimum order: 1 each. Can be combined with all Stereo Cabinet Hardware for quantity pricing.

CRL Mounting Screws



CAT. NO.	FINISH	QTY/PKG
GDHSCBL	Black	50
GDHSCBR	Brass	50
GDHSCCH	Chrome	50

Minimum order: 1 pack (50 each). Can be combined with all Stereo Cabinet Hardware for quantity pricing.

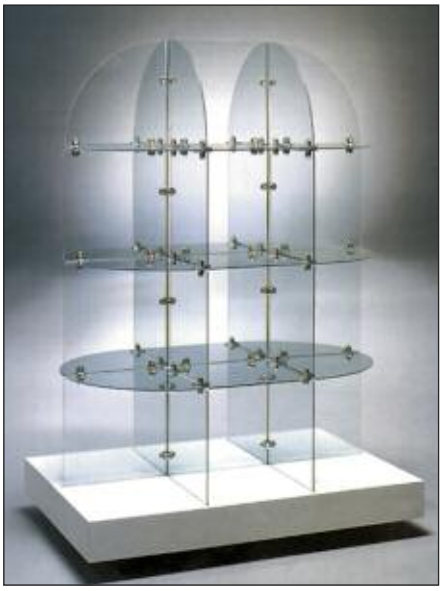
CRL Tempered Glass Display Systems and Glass Connectors



CAT. NO. BB1103W
12-Cube Display With White Base



CAT. NO. BB1101W
Rotating Display With White Base



CAT. NO. BB1104W
Double-Sided Display With White Base

- **Easy to Assemble or Reconfigure Displays for Use in Retail Stores, Homes or Offices**
- **Design Your Own Fixture or Select From Many Standard Configurations**
- **White or Black Bases Available**

USE MONOLITHIC TEMPERED GLASS

MORE CHOICES
crlaurence.com







CRL Tempered Glass Displays are available in several options. Select from our Packaged Displays, which come complete with tempered glass, connectors plus a base. Select from many different styles of tempered glass cube units, or design your own display using the many choices of tempered glass shapes and sizes available from CRL. Just add CRL's Diecast Metal Z-Line Connectors or our Clear Plastic Display Connectors and you're ready to get started.

Tempered glass has long been preferred for retail displays due to its strength and practicality. Simply assemble your glass display in the configuration of your choice and you will have an attractive and functional display or storage unit that will give you many years of useful service.

For additional information go to **crlaurence.com/glass-displays** or contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International and ask for Ext. 5275. You can also e-mail us through our web site at **crlaurence.com/support**.





CRL Z-Line Metal Display Connectors and Plastic Display Connectors for Use With Tempered Glass

CRL Z-Line Display Connectors

- For 1/8" to 3/16" (3 to 5 mm) Tempered Glass

USE MONOLITHIC TEMPERED GLASS

CRL Two-Way 90 Degree Display Connectors



Two-Way 90 Degree Connectors are used for connecting vertical and horizontal corners of display cubes.

CAT. NO.	FINISH
ZLC2BR	Brass
ZLC2CH	Chrome

Minimum order: 1 each. All Z-Line Connectors can be combined for quantity pricing.

CRL "T" Style Three-Way 90 Degree Display Connectors



Three-Way 90 Degree Connectors are used for connecting three panels at a 90 degree angle.

CAT. NO.	FINISH
ZLC3BR	Brass
ZLC3CH	Chrome

Minimum order: 1 each. All Z-Line Connectors can be combined for quantity pricing.

CRL Four-Way 90 Degree Display Connectors



Four-Way 90 Degree Connectors are used for connecting multiple panels in larger display cubes.

CAT. NO.	FINISH
ZLC4BR	Brass
ZLC4CH	Chrome

Minimum order: 1 each. All Z-Line Connectors can be combined for quantity pricing.

CRL Hinge Display Connectors



Hinge Connectors are used for putting hinged doors on display cubes.

CAT. NO.	FINISH
ZLC5BR	Brass
ZLC5CH	Chrome

Minimum order: 1 each. All Z-Line Connectors can be combined for quantity pricing.

NOTE: View our complete line of Z-Line Glass Connectors at **crlaurence.com/glass-connectors**



CRL Anodized Aluminum Glass Connectors

- Lightweight and Strong

CRL Aluminum Two-Way 90 Degree Connectors

MORE CHOICES crlaurence.com



Two-Way 90 Degree Connectors are used for connecting vertical and horizontal corners of display cubes.

CAT. NO.	FINISH
E214A	Chrome
E214GA	Gold

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

CRL Aluminum "T" Style Three-Way 90 Degree Connectors

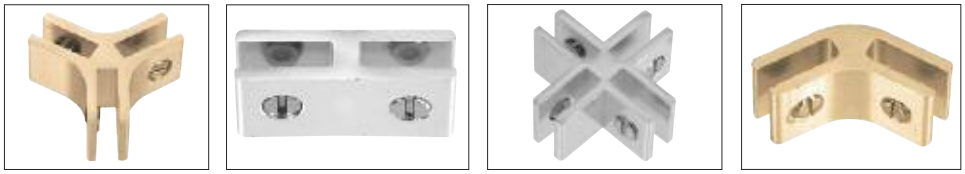


Three-Way 90 Degree Connectors are used for connecting three panels at a 90 degree angle.

CAT. NO.	FINISH
E314A	Chrome
E314GA	Gold

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

NOTE: View our complete line of Aluminum Glass Connectors at **crlaurence.com/glass-connectors**



CRL Standard Heavy Glass Furniture Connectors

MORE CHOICES crlaurence.com

USE MONOLITHIC TEMPERED GLASS

• Ideal for Glass Furniture Manufacturers

These CRL Anodized Heavy Glass Connectors for 3/8", 1/2", and 3/4" (10, 12, and 19 mm) glass are the perfect solution for connecting panels on glass tables, display stands, and lamp pedestals. These Connectors give the furniture designer or display builder unlimited flexibility in terms of product variations and the price point for these connectors is extremely attractive. Tempered glass is recommended.

CRL Standard Two-Way 90 Degree Glass Connectors

Use for connecting two panels together at a 90 degree angle. Great for making heavy glass furniture and display cubes.

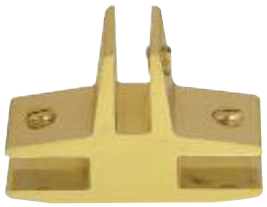


CAT. NO.	GLASS THICKNESS	ANODIZED FINISH
E238A	3/8" (10 mm)	Chrome
E238GA	3/8" (10 mm)	Gold
E212A	1/2" (12 mm)	Chrome
E212GA	1/2" (12 mm	Gold

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.

CRL Standard Three-Way 90 Degree Glass Connectors

Use for connecting three panels together at a 90 degree angle. Ideal for furniture and high tech displays.



CAT. NO.	GLASS THICKNESS	ANODIZED FINISH
E738A	3/8" (10 mm)	Chrome
E738GA	3/8" (10 mm)	Gold

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.

CRL Deluxe Two-Way 90 Degree Glass Connectors

Use for connecting two panels together at a 90 degree angle. Great for making heavy glass furniture and display cubes.



CAT. NO.	GLASS THICKNESS	FINISH
GFC2901CH	1/2" (12 mm)	Chrome
GFC2901BR	1/2" (12 mm)	Brass
GFC6901CH	3/4" (19 mm)	Chrome
GFC6901BR	3/4" (19 mm)	Brass

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.

CRL Tempered Glass for Displays



CRL makes designing and building glass cube displays very simple by providing the most popular sizes and shapes of 3/16" (5 mm) Tempered Glass. Squares, rectangles, and quarter-rounds are available to complete just about any glass cube configuration. Visit **crlaurence.com/displays** for additional shapes and sizes.

CAT. NO.	SHAPE	SIZE	QTY/CASE
TGR1212	Square	12" x 12" (305 x 305 mm)	10
TGQ12	Quarter Round	12" (305 mm) Radius	10

Minimum order: 1 case. Shapes and sizes can be combined for quantity pricing.

CRL Clear Heavy Glass Top Vinyl

• Green Tinted to Blend With Glass

Place this specially designed Top Vinyl on glass or panel uprights to protect and support heavy furniture tops. Its green tint blends with the glass edge to create an inconspicuous cushion.



CAT. NO. TV38
3/8" (10 mm) Glass



CAT. NO. TV12
1/2" (12 mm) Glass



CAT. NO. TV34
3/4" (19 mm) Glass

1/2" CUT PIECES

CAT. NO.	GLASS THICKNESS	QTY/PKG
TV38	3/8" (10 mm)	100
TV12	1/2" (12 mm)	100
TV34	3/4" (19 mm)	100

Minimum order: 100 each. Sizes can be combined for quantity pricing.

100 FOOT ROLLS

CAT. NO.	GLASS THICKNESS	ROLL LENGTH
TV38C	3/8" (10 mm)	100' (30.5 m)
TV12C	1/2" (12 mm)	100' (30.5 m)
TV34C	3/4" (19 mm)	100' (30.5 m)

Minimum order: 1 roll. Sizes can be combined for quantity pricing.

CRL Clear Plastic Display Connectors

USE MONOLITHIC TEMPERED GLASS

MORE CHOICES crlaurence.com

- **Use With 3/16" (5 mm) Glass to Create an Unlimited Variety of Functional and Decorative Displays**

These 1-1/4" (32 mm) wide clear plastic connectors secure 3/16" (5 mm) tempered glass or mirror in an unlimited variety of configurations, giving you design freedom to arrange and rearrange as you desire. Minimum order is one each.



Two-Way
CAT. NO. CPDC2



Three-Way
CAT. NO. CPDC3



Four-Way
CAT. NO. CPDC4

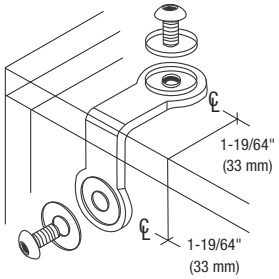
CRL Deluxe Glass Corner Connectors

- **For Tempered Glass Up to 3/8" (10 mm) Thick**
- **Chrome Finish**

CRL Deluxe Two-Way Corner Connector

GLASS FAB



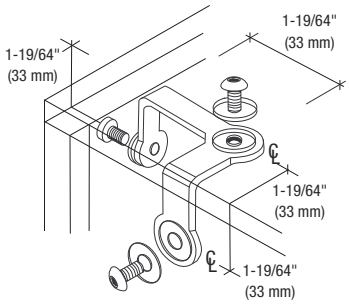


CAT. NO. 3107CH
Minimum order is 1 each

CRL Deluxe Three-Way Corner Connector

GLASS FAB





CAT. NO. 3108CH
Minimum order is 1 each

CRL Cushy Corners

- **Decorative Protection for Glass Table Tops**
- **Can Be Used on 1/4" to 3/4" (6 to 19 mm) Thick Glass**
- **Removable and Reusable**

These CRL Cushy Corners offer protection against bumps and bruises from sharp corners of glass table tops, desk tops, and cabinet corners. The soft cushioned styles of Cushy Corners come in four designs (Shell, Southwest, Contempo, and Floral) in packages of four. These decorative corners are especially helpful in homes with toddlers, and will not damage furniture surfaces. Easy to apply with concealed adhesive transfer strips and can be easily removed for cleaning. Transparent light blue tint.

CAT. NO.	DESCRIPTION	QTY/PKG
C6050	Shell Pattern	4
C6060	Floral Pattern	4
C6070	Southwest Pattern	4
C6080	Contempo Pattern	4

Minimum order: 1 package. Styles can be combined for quantity pricing.





Shell Pattern



Floral Pattern

Southwest Pattern



Contempo Pattern

NOTE: For 1/4" to 1/2" (6 to 12 mm) glass, use one Cushy Corner on the top. For 3/4" (19 mm) glass, "sandwich" the glass with one Cushy Corner on the top and one on the bottom of the corner.

CRL Cable Display System for 1/4" to 5/16" (6 to 8 mm) Glass

USE MONOLITHIC TEMPERED GLASS

- **Frameless Look Highlights Displayed Objects Without Distractions**
- **Wide Variety of Components Allow Limitless Design Choices**

CRL's Cable Display System is an ideal option for high-tech retail displays or residential interiors. We have all of the components needed to install the Cable Display of your own design into ceilings, floors, wood bases or concrete. Create dramatic effects with 1/4" to 5/16" (6 to 8 mm) glass shelves, or use other materials of equal thickness - it's up to you.

Shelf Brackets are available in either fixed or adjustable positions, providing the flexibility to display merchandise on horizontal surfaces, or signage/graphic arts in a vertical position. Brackets are quickly and easily repositioned so you can change the look and function of the display as often as you like.



CAT. NO. CB92
Fixed Single Shelf Bracket
Chrome Finish



CAT. NO. CB96
Fixed Double Shelf Bracket
Chrome Finish



CAT. NO. CB108
Drilled Glass Shelf Bracket
Chrome Finish

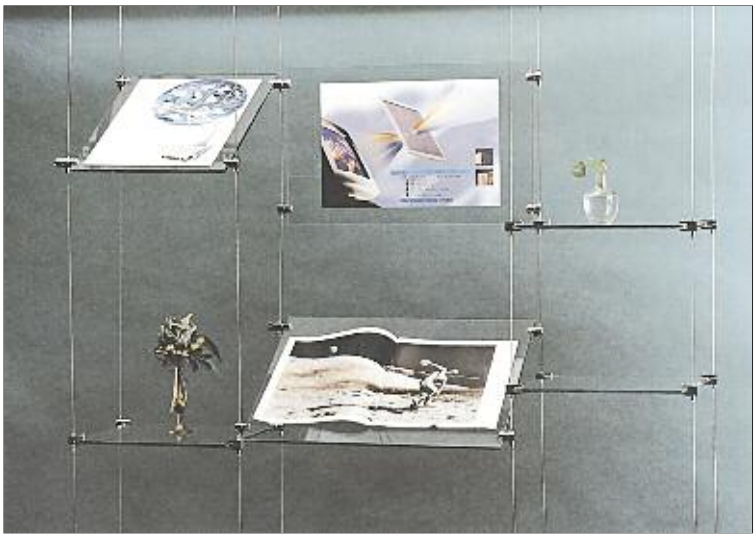


CAT. NO. CB88
Long Round Floor Base Fitting
Chrome Finish



CAT. NO. CB100
Adjustable Single Shelf Bracket
Chrome Finish

MORE INFORMATION crlaurence.com



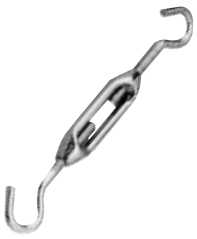
Installed Cable Shelf System



CAT. NO. CB84
Short Round Floor Base Fitting
Chrome Finish



CAT. NO. CB104
Adjustable Double Shelf Bracket
Nickel Plated Finish



CAT. NO. CB116
Cable Turn Buckle
Chrome Finish



CAT. NO. CB70
Stainless Steel Cable
118" (3 m) Long



CAT. NO. CB112
Hanger Pipe Base Fitting
Chrome Finish



CAT. NO. CB118
Cable Loop Securing Clamp
Nickel Plated Finish



CAT. NO. CB80
Fixed Base Floor Fitting
Chrome Finish

Minimum order: 1 each. All Cable System Components can be combined for quantity pricing.
NOTE: For additional Cable System selections please reference our web site at **crlaurence.com/cable-displays**

CRL Cable System for 1/4" to 3/8" (6 to 10 mm) Glass



- **Easy to Install and Adjust**
- **High Quality Components**
- **Works With 1/4" to 3/8" (6 to 10 mm) Materials**

CRL's Cable System and Components for 1/4" to 3/8" (6 to 10 mm) glass offers all the options you will need for ceiling-to-floor suspension, shelving installations, hanging vertical panels, signage or retail displays. This versatile system is easily installed and adjusted. The elegantly designed components are fabricated from brass then are nickel plated, which provides compatibility with other fixtures or amenities in the office, home or retail environment. These CRL Display Systems represent cable technology in its finest form.



Ceiling-to-Floor Cable Installation

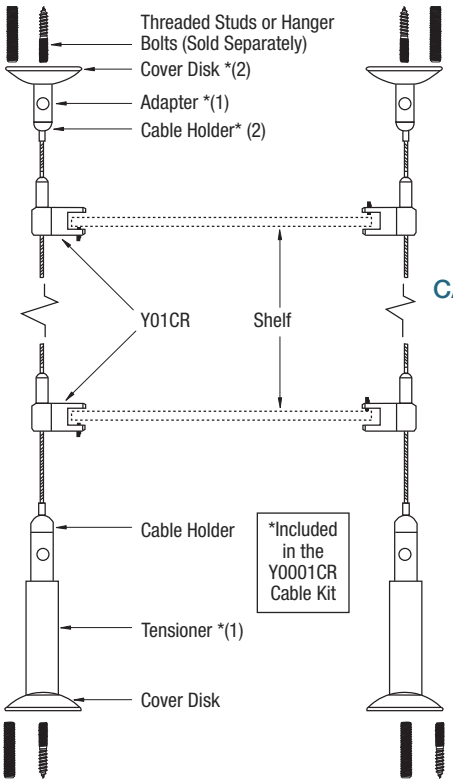
Weight Capacity: Four cables, securely and properly anchored to ceiling beams or studs have a maximum weight capacity of 300 pounds (136 kg). Each Single Connector is rated at 20 pounds (9 kg), Double Connectors are rated at 10 pounds (4.5 kg). Due to the diversified variety of applications, weight limitations for the Cable Systems are dependent upon ceiling, wall or substrate anchoring.

CRL Ceiling-to-Floor Cable Kit

- **Shelving Cable System That Can Be Quickly and Easily Installed and Reconfigured**
- **Stainless Steel Cable and Nickel Plated Components**

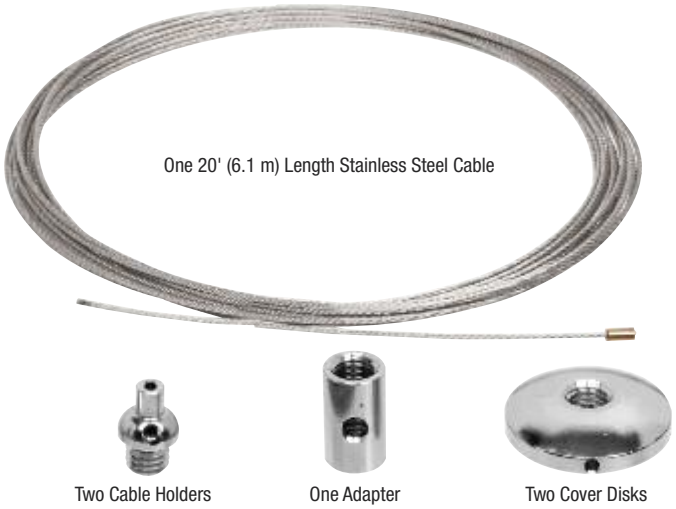
Contains all of the basic cable components between the ceiling and floor or base: One 20 foot (6.1 m) length of Cable, one Tensioner, one Adapter, two Cable Holders, and two Cover Disks. Hanger Bolts or Threaded Studs for ceiling or floor attachment must be ordered separately. Shelf Connectors must also be ordered separately. Minimum order is one each.

How It Works



CAT. NO. Y0001CR

CRL Y0001CR Cable Kit Contains:



Minimum order: 1 each. All Cable System Components can be combined for quantity pricing.
NOTE: For additional Cable System selections go to **crlaurence.com/cable-displays**

CRL Wall Mounted Vertical Cable System Kit

USE MONOLITHIC TEMPERED GLASS

- **Elegantly Display Artwork or Signage**
- **Easily Installed and Adjusted**

CRL's Wall Mounted Vertical Cable System for 3/8" (10 mm) glass is designed to display signage, artwork or decorative panels. This Cable System is easily installed and adjusted. It is ideal for use in the office, home or retail environment. The components are fabricated from brass and are nickel plated. Two Wall Mounted Kits are required for mounting panels.

Weight Capacity: Each Wall Mounted Cable System, securely and properly anchored to wall studs or substrates, have a maximum weight capacity of 50 lbs. (22.7 kg).



Wall Mounted Cable Installation

CRL Y0002CR Cable Kit Contains:

One 10 foot (3.05 m) length of 1.5 mm Cable, two Hanger Bolts, two Cover Disks, two Elbow Holders, two Cable Tensioners, one Comfort Tensioner, one Threaded Stud. Y01CR and Y02CR Connectors are not included. Minimum order is one each.

MORE INFORMATION crlaurence.com



Two Cable Tensioners



Two Elbow Holders



One Threader Stud



One Comfort Tensioner



Two Wood Anchors

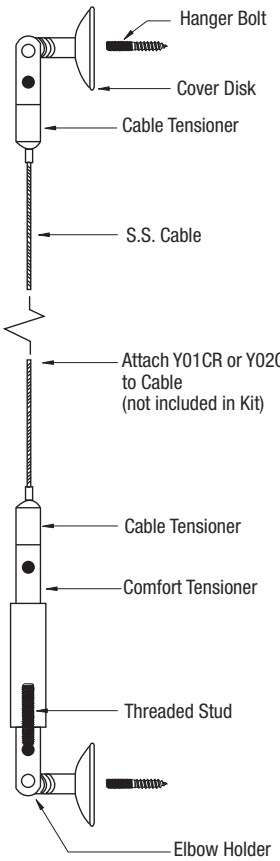


Two Cover Disks



One 10' (3.05 m) Length Stainless Steel Cable

How It Works



CAT. NO. Y0002CR

Minimum order: 1 each. All Cable System Components can be combined for quantity pricing.



CAT. NO. Y01CR
CRL Single-Sided Shelf Connector

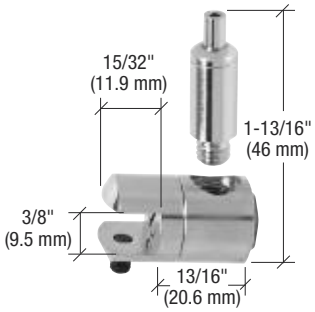


CAT. NO. Y02CR
CRL Double-Sided Shelf Connector

NOTE: Single or Double Sided Connectors must be ordered separately.

CRL Single-Sided Shelf Connector

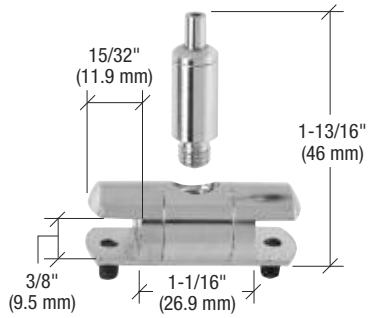
The CRL Single-Sided Connector is designed for a maximum glass thickness of 3/8" (10 mm), and is used in single shelf or panel installations. Each Single-Sided Connector has a maximum weight capacity of 20 pounds (9 kg).



CAT. NO. Y01CR

CRL Double-Sided Shelf Connector

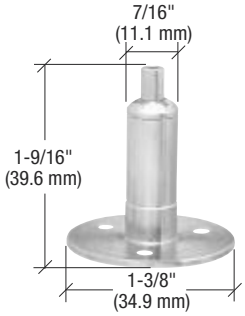
CRL's Double-Sided Connector is designed for a maximum glass thickness of 3/8" (10 mm), and is used when side-by-side shelves are required. Each Double-Sided Connector has a maximum weight capacity of 10 pounds (4.5 kg).



CAT. NO. Y02CR

CRL Drill-Thru Shelf Support

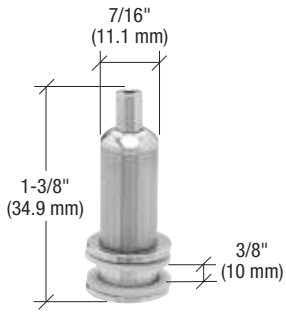
The CRL Drill-Thru Shelf Support is designed for 3/8" (10 mm) Glass, and requires a 1/2" (12.7 mm) drilled hole in the shelf, and is easily adjusted either up and down on the Cable. Each Drill-Thru Shelf Support has a maximum weight capacity of 20 pounds (9 kg).



CAT. NO. Y03CR

CRL Thru-Glass Shelf Holder

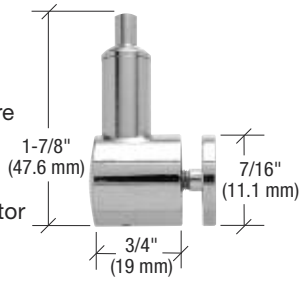
Designed for 3/8" (10 mm) glass shelving, the Thru-Glass Shelf Holder requires a 7/16" (11 mm) hole in the glass. Each Shelf Holder has a maximum weight capacity of 20 pounds (9 kg).



CAT. NO. Y05CR

CRL Vertical Panel Connector

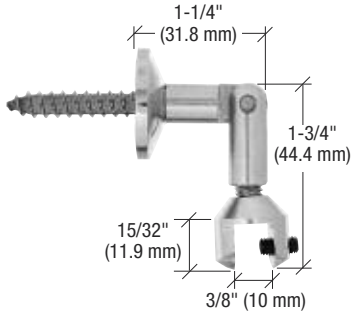
CRL's Vertical Panel Connectors are the ideal choice when Cables are designed to be installed behind the panel. Glass or panel fabrication requires a minimum 1/4" (6 mm) diameter hole. Each Panel Connector has a maximum weight capacity of 20 pounds (9 kg) for 1/4" to 5/16" (6 to 8 mm) panels, and 10 pounds (4.5 kg) for 3/8" (10 mm) panels.



CAT. NO. Y04CR

CRL Vertical Wall Panel Hanger

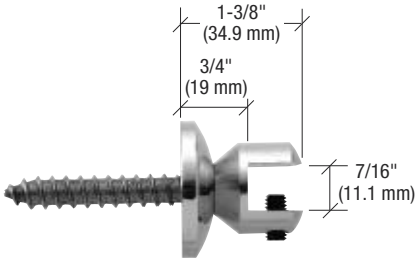
CRL's Vertical Wall Panel Hangers are designed for lightweight 1/4" to 3/8" (6 to 10 mm) signs or panels. The Panel Hanger has a maximum weight capacity of 20 pounds (9 kg).



CAT. NO. Y07CR

CRL Horizontal Wall Anchor

CRL's Horizontal Wall Anchors are designed to attach and support Cable System shelves to a wall or substrate. The Wall Anchor has a weight capacity of 20 pounds (9 kg).

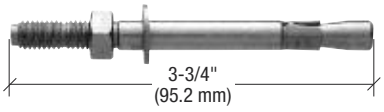


CAT. NO. Y06CR

CRL Concrete Anchor for 3/8" Cable System

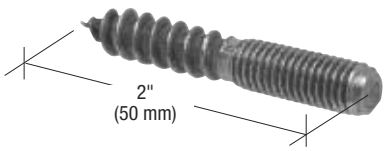
MORE CHOICES crlaurence.com

When it becomes necessary to install the CRL 3/8" (10 mm) Cable System into a concrete floor or wall, the Concrete Anchor is designed with an M8 thread which will attach to the Cable System Base Fitting.



CAT. NO. Y38CA

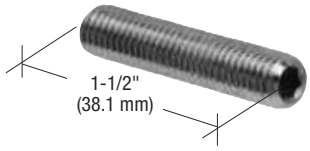
CRL Dual Threaded Screw



The CRL M8 x 50 mm Dual Threaded Screw is used when installing the Cable System into a wood or laminate base or ceiling support. The threaded portion of the screw is attached to the Cover Disk and Adapter.

CAT. NO. Y0010

CRL Threaded Stud



The CRL M8 x 40 mm Threaded Stud is used when installing the Cable System into metal at the ceiling or base. Half of the Stud is threaded into the ceiling or floor metal support, the other half is attached to the Cover Disk and Adapter.

CAT. NO. Y0020

Minimum order: 1 each. All Cable System Components can be combined for quantity pricing.
NOTE: Please refer to CRL web site for other Cable or Rod Display options at crlaurence.com/cable-displays

CRL Cable Systems for 3/8" to 1/2" (10 to 12 mm) Glass



- **An Ideal System for 1/2" (12 mm) Shelving**
- **High Quality in Appearance and Material**

CRL's Cable System for 1/2" (12 mm) glass is also the ideal system for use with large size 3/8" (10 mm) shelving installations that are too heavy for CRL's Cable Display System for 3/8" Glass. The 4 mm Stainless Steel Cable and Stainless Steel Components are innovative both in design and technology. This system is extremely versatile and can easily be installed for shelving or for hanging vertical panels. Select from a variety of connectors and components, each one unique and functional. For additional information, go to **crlaurence.com/cable-displays** or contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 5275. You can also e-mail us through our web site at **crlaurence.com/support**.



Ceiling-to-Floor Cable Installation

CRL Cable Kit for 3/8" to 1/2" (10 to 12 mm) Glass

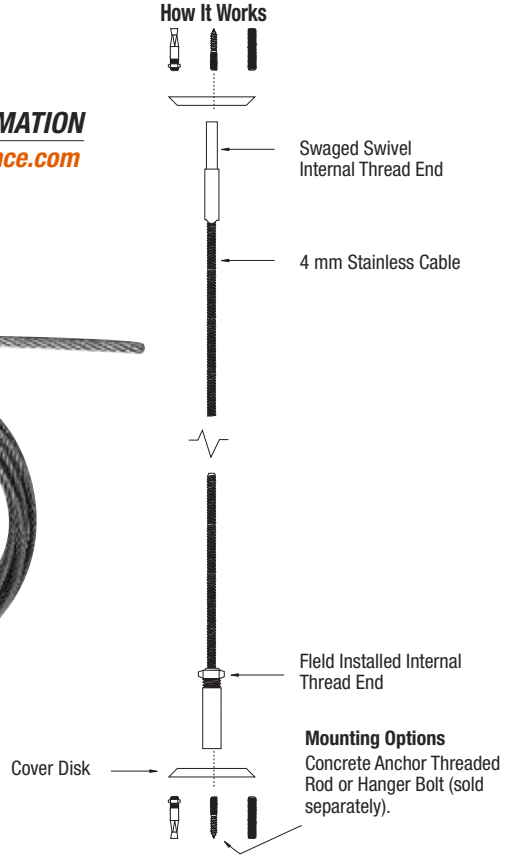
- **Designed for Heavy Glass Shelves**
- **Horizontal and Vertical Applications**

CRL's Cable Kit for 3/8" to 1/2" (10 to 12 mm) glass is fabricated from high quality 316 stainless steel. Used either indoors or outdoors, this system offers all the necessary components for any project design. The Kit contains: One 15 foot (4.5 m) length of Stainless Steel Cable with Top Swivel Fitting, one Bottom Anchor and two Cover Disks. Shelf Connectors and attachment hardware must be purchased separately. Minimum order is one each.

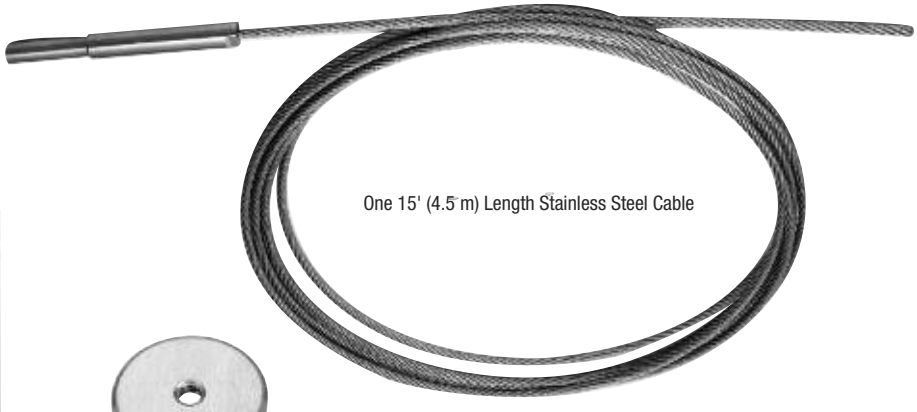
Weight Capacity: Each Cable is rated at 1600 pounds (725.7 kg), and each Connector has a maximum weight capacity of 35 pounds (15.9 kg). Due to the diversity of applications, weight limitations for the Cable Systems are dependent upon ceiling, wall or substrate anchoring.

MORE INFORMATION crlaurence.com

How It Works



CRL Y0003CR Cable Kit Contains:





One Bottom Anchor



Two Cover Disks

CAT. NO. Y0003CR

CRL Horizontal Shelf Connector

- Easily Adjust Shelf Height

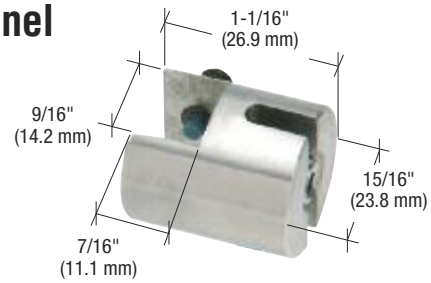


Designed for 1/2" (12 mm) glass single shelf installations, this Stainless Steel Connector can be securely positioned on the 4 mm Cable by tightening the set screw against the Cable. A nylon tipped screw holds the glass firmly in place. The weight capacity for the Horizontal Connector is 35 pounds (15.9 kg).

CAT. NO. Y031CR

CRL Vertical Panel Connector

- Display Panel in Vertical Position



These Connectors, constructed of 316 stainless steel, are designed to hold 3/8" to 1/2" (10 to 12 mm) panels in a vertical position. The Connectors clamp onto the sides of the panel, and are held in place with nylon tipped set screws. The weight capacity for the Vertical Connector is 35 pounds (15.9 kg).
NOTE: For 3/8" (10 mm) thick glass, you must order Cat. No. Y03S Screw (M6 x 1/2") and replace screw in connector.

CAT. NO. Y032CR

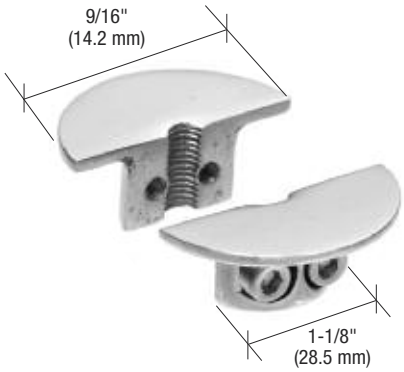
CRL Drill-Thru Shelf Support

- Provides "Frameless" Look



Trim Ring

CAT. NO. Y033TR

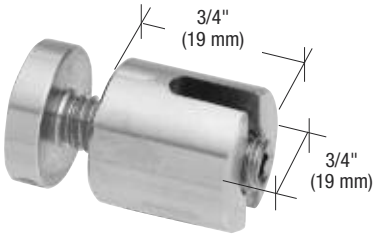


CRL's Drill-Thru Shelf Support for 1/2" (12 mm) glass shelves is a two-part Stainless Steel Clamp that is attached to the Cable with two socket head screws. The Drill-Thru Support requires a 1/2" (12 mm) diameter hole for the cable. The weight capacity for each Drill-Thru Shelf Support is 175 pounds (79.4 kg).

CAT. NO. Y033CR

CRL Drill-Thru Connector for Vertical Panels

- Hang Vertical Panels Safely and Securely

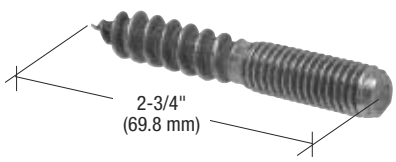


MORE CHOICES
crlaurence.com

CRL's Drill-Thru Connectors are the ideal product for hanging 3/8" to 1/2" (10 to 12 mm) glass panels in a high moisture environment where clamping onto the edges of the glass is not the most secure method. The Connector package contains two caps, one for 3/8" (10 mm) and one for 1/2" (12 mm) panels. Drilling 1/2" (12 mm) holes in the glass is required. The weight capacity for each Drill-Thru Connector is 35 pounds (15.9 kg).

CAT. NO. Y034CR

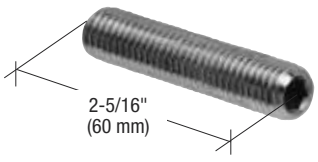
CRL Dual Threaded Screw



Used when installing the 1/2" (12 mm) Cable Kit into wood at the ceiling or floor. Half the screw is M6 thread and half is wood thread. The M6 thread portion is connected through the Cover Disks to the cable end fittings.

CAT. NO. Y0310

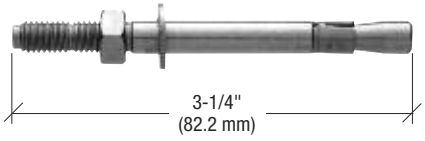
CRL Threaded Stud



Used when installing a 1/2" (12 mm) Cable Kit to metal. The overall length of the Stud is 60 mm. The thread size is M6. Half of the Stud is threaded into the metal ceiling or floor metal support, and the other half connected through the Cover Disks to the cable end fittings.

CAT. NO. Y0320

CRL Concrete Anchor



When it becomes necessary to install the 1/2" (12 mm) Cable System into concrete, the Concrete Anchor has an M6 threaded end which attaches through the Cover Disk into the cable end fittings. The Concrete Anchor can be installed by drilling a 1/4" (6 mm) diameter hole 2" (51 mm) deep into the concrete. Tapping the top of the Anchor with a hammer will securely fasten the Anchor into the concrete.

CAT. NO. Y12CA

Minimum order: 1 each. All Cable System Components can be combined for quantity pricing.
NOTE: Please refer to CRL web site for other Cable or Rod Display options at crlaurence.com/cable-displays

CRL Rod Display System for 3/8" Glass

USE MONOLITHIC TEMPERED GLASS

- Versatile Floor-to-Ceiling Display System
- Satin Chrome Components
- Works With 1/4" to 3/8" (6 to 10 mm) Material

MORE CHOICES crlaurence.com



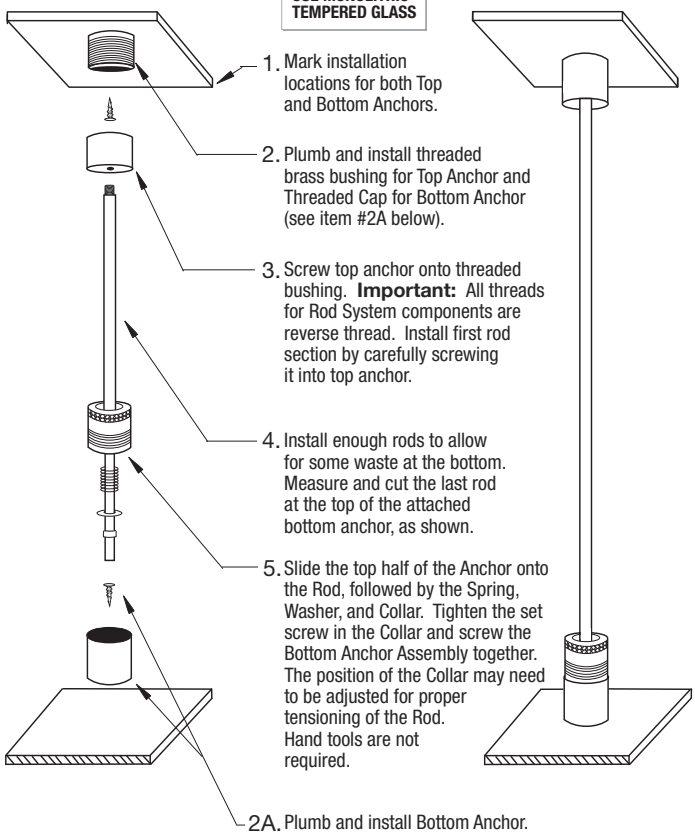
The Rod Display is an ideal system for use in retail, commercial or residential applications. This easily installed system is stable when installed to ceiling and floor, and can be used as a shelving unit or for vertical panels. Rod Displays are also used to suspend shelving in display cases or cabinets.

CRL's Rod Display System is designed using satin chrome 6 mm Stainless Steel Rods and machined brass fittings. The rods are available in three different lengths. Each rod section has threaded internal and external ends which enable the rods to screw together to achieve the designed length.

Weight Capacity: The maximum recommended load for each length of rod, either individual or screwed together, is 150 pounds (68 kg). Each rod Support or Connector will hold 25 pounds (11.3 kg).

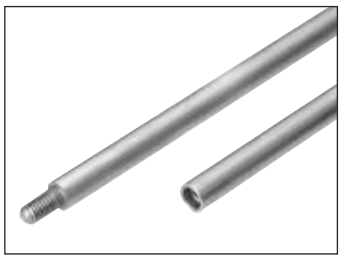
How-It-Works

USE MONOLITHIC TEMPERED GLASS



CRL 6 mm Rods

- Available in Three Lengths
- Satin Chrome Finish



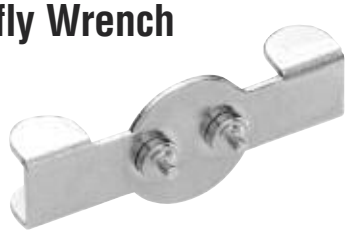
Thread Size: 4 mm

CRL 6 mm Rods are designed to be used individually or together. Each Rod has threaded external and internal ends that screw together to achieve the desired length. The Rods can be cut to the exact height required, and are attached to the ceiling and floor or top and bottom of the showcase using CRL's Rod Anchor Set.

CAT. NO.	LENGTH
062050*	19-1/2" (.5 m)
062100	39" (1 m)
062150	59" (1.5 m)

Minimum order: 1 each. *062050 has an external thread at one end and a finished end at the other.

CRL Butterfly Wrench



Use the convenient Butterfly Wrench for making height adjustments on the Rod for Cat. No. 061912S Vertical Supports. The two protrusions in the wrench fit perfectly into the back of both Rod System Fittings, and makes tightening and loosening an easy process. Minimum order is one each.

CAT. NO. 061W

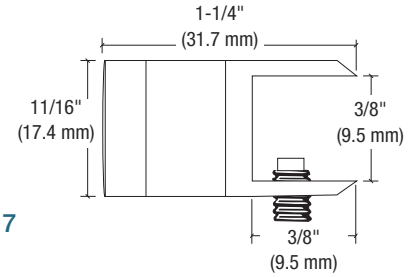
CRL Single Connector

- **Allows Shelves to Be Easily Repositioned**
- **Can Be Used Horizontally or Vertically**

This satin chrome Single Connector is used in single shelf applications. The Connector can be rotated to any angle desired and locked into place with a set screw. The Connector is secured to the Rod using Cat. No. 061W Butterfly Wrench, and has a maximum weight capacity of 25 pounds (11.3 kg). Minimum order is one each



CAT. NO. 061917
Finish: Satin Chrome



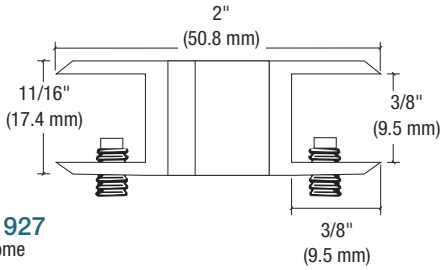
CRL Double Connector

- **Shelves Can Be Easily Repositioned and Rotated for Horizontal or Vertical Applications**

The Double Connector is designed to be used in side-by-side designs. Each side can be independently rotated to the desired angle and locked into place with a set screw. The Double Connector has a maximum weight capacity of 25 pounds (11.3 kg). Minimum order is one each.



CAT. NO. 061927
Finish: Satin Chrome



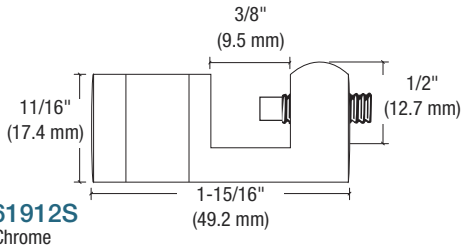
CRL Vertical Support

- **Designed to Hold Vertical Panels**

The Vertical Support is the ideal connector for displaying 1/4" to 3/8" (6 to 10 mm) vertical panels. The Support is located to the desired height on the Rod and secured in place using the Cat. No. 061W Butterfly Wrench. The maximum weight capacity is 25 pounds (11.3 kg). CRL's Cat. No. 071963 Cover Cap is available to provide a finished appearance (see below). Minimum order is one each.



CAT. NO. 061912S
Finish: Satin Chrome



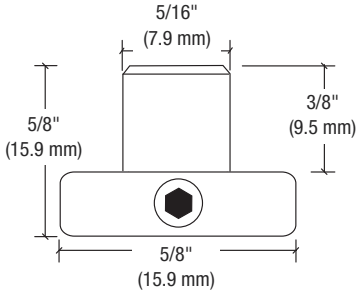
CRL Drill-Thru Support

- **Supports Drilled Shelves**

CRL's satin chrome Drill-Thru Support is designed to hold shelves in a horizontal fixed position and is used in single shelf applications. The Drill-Thru Support requires a 3/8" (10 mm) drilled hole in the glass, is easily adjusted to the desired height on the Rod, and then locked into place by tightening the set screw in the Support. The maximum recommended weight capacity is 25 pounds (11.3 kg). Minimum order is one each.



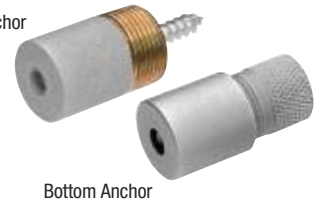
CAT. NO. 061000
Finish: Satin Chrome



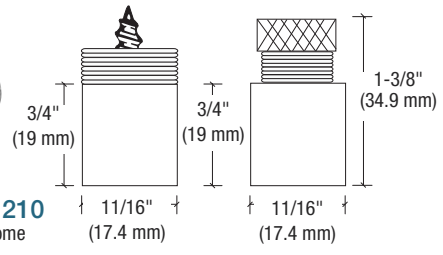
CRL Rod Anchor Set

- **Used With CRL 6 mm Rods**

CRL's Rod Anchor Set consists of top and bottom fittings that attach to the Rod ends. The satin chrome Anchor Sets do not come with screws or fasteners to attach the Anchors to either the ceiling or floor. The top and bottom fittings have 3/16" (5 mm) diameter holes to accommodate your choice of screws or fasteners. Minimum order is one each.



CAT. NO. 061210
Finish: Satin Chrome



CRL Cover Cap for Vertical Support

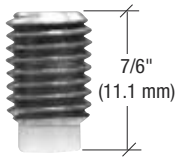
The Cover Cap is designed to be used with the Vertical Support Connector when it is important to provide a finished appearance. Minimum order is one each.



CAT. NO. 071963
Finish: Satin Chrome

CRL Rod System Set Screws for 1/4" Panels

Each of the Rod System Connectors come with screws to attach 3/8" (10 mm) panels. If 1/4" (6 mm) panels are intended for use with this system, these Set Screws are long enough to properly clamp the panel in the Connector. Minimum order is one each.



CAT. NO. 072317

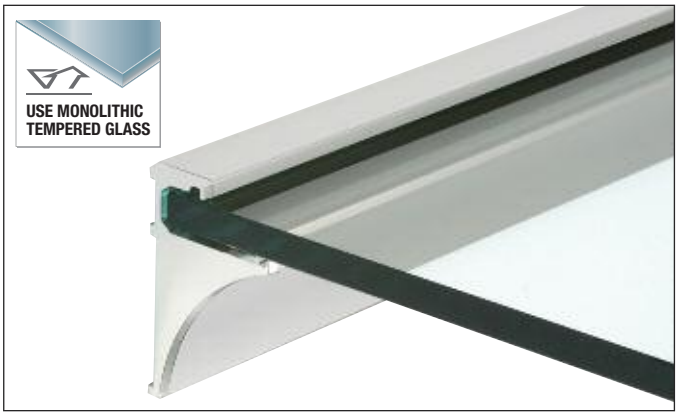
CRL Aluminum Shelving Extrusions for Glass

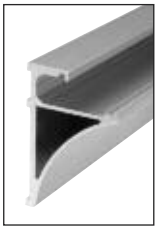
MORE INFORMATION crlaurence.com

- For 1/4" and 3/8" (6 and 10 mm) Thick Glass
- Available in Four Lengths and Finishes
- Easy to Install

CRL Aluminum Shelf Extrusions are designed to support glass shelves without a lot of visible metal. The cleat easily attaches to studs with screws, and can support a shelf with a maximum projection of 12" (305 mm). Offered in 96" (2.4 m) long Extrusions, so now you are no longer limited to "standard size" shelves. The Extrusions may be easily cut to size, and by installing matching End Caps the shelves make for a beautiful presentation.

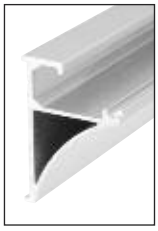
Available for both 1/4" and 3/8" (6 and 10 mm) thick glass, the Extrusions come in the following finishes: brite anodized, brite gold anodized, brushed nickel, and white. 18", 24", and 36" (457, 610, and 914 mm) long Shelf Kits come with one pair of matching plastic End Caps. All lengths come with Thermal Plastic Rubber (TPR) Strips to cushion the glass.




Brite Anodized


Brite Gold Anodized


Brushed Nickel


White

18" (457 MM) SHELF KITS

1/4" (6 MM) GLASS CAT. NO.	FINISH	3/8" (10 MM) GLASS CAT. NO.
SE1418BA	Brite Anodized	SE3818BA
SE1418BGA	Brite Gold Anodized	SE3818BGA
SE1418BN	Brushed Nickel	SE3818BN
SE1418W	White	SE3818W

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.

24" (610 MM) SHELF KITS

1/4" (6 MM) GLASS CAT. NO.	FINISH	3/8" (10 MM) GLASS CAT. NO.
SE1424BA	Brite Anodized	SE3824BA
SE1424BGA	Brite Gold Anodized	SE3824BGA
SE1424BN	Brushed Nickel	SE3824BN
SE1424W	White	SE3824W

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.

36" (914 MM) SHELF KITS

1/4" (6 MM) GLASS CAT. NO.	FINISH	3/8" (10 MM) GLASS CAT. NO.
SE1436BA	Brite Anodized	SE3836BA
SE1436BGA	Brite Gold Anodized	SE3836BGA
SE1436BN	Brushed Nickel	SE3836BN
SE1436W	White	SE3836W

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.

96" (2.4 M) EXTRUSIONS ONLY

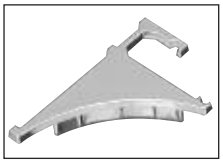
1/4" (6 MM) GLASS CAT. NO.	FINISH	3/8" (10 MM) GLASS CAT. NO.
SE1496BA	Brite Anodized	SE3896BA
SE1496BGA	Brite Gold Anodized	SE3896BGA
SE1496BN	Brushed Nickel	SE3896BN
SE1496W	White	SE3896W

Minimum order: 1 each. 96" Long Extrusions do not come with End Caps, which must be ordered separately (see below).

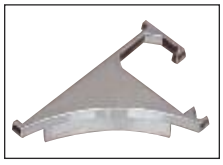
CRL End Caps for Aluminum Shelving Extrusions

- Cover Exposed Edges of Our Aluminum Shelving Extrusions
- Formed and Shaped to Fit, Ready to Install

CRL End Caps for Aluminum Shelving Extrusions protect the exposed edge and provide a beautiful finished product. Available for both sizes of Aluminum Shelving Extrusions, End Caps are made of injection molded plastic, and easily install with Cat. No. RTV408C Clear Silicone (see page SF008). One pair per package.


1/4" End Cap in Brite Anodized


1/4" End Cap in Brite Gold Anodized


3/8" End Cap in Brushed Nickel


3/8" End Cap in White



1/4" (6 MM) GLASS CAT. NO.	FINISH TO MATCH	3/8" (10 MM) GLASS CAT. NO.
END14BA	Brite Anodized	END38BA
END14BGA	Brite Gold Anodized	END38BGA
END14BN	Brushed Nickel	END38BN
END14W	White	END38W

Minimum order: 1 pair. Finishes can be combined fro quantity pricing.

CRL Complete Glass Shelving Kits

MORE CHOICES crlaurence.com

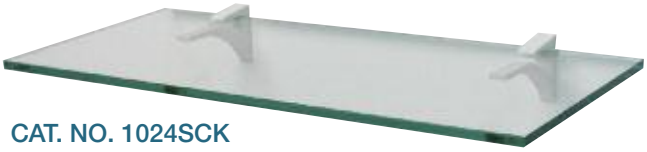
CRL Tempered Glass Shelving Systems are available in many configurations, options and finishes. Shown below are but a few of CRL's many shelving selections. Most of CRL's Shelf Systems are available in attractive boxes suitable for retail. All the glass shelves are tempered for safety and have highly polished edges and rounded corners. CRL has a Shelf System to fit your specific design requirements. To review all of CRL's shelving products, please visit our web site at **crlaurence.com/shelf-hardware**.



CAT. NO. 89CHR31618



CAT. NO. GEN812CH



CAT. NO. 1024SCK



CAT. NO. 624BHK



CAT. NO. 1024K

CRL Corner Shelf Clip Kits

• Installs With Just One Screw





The 3/8" (10 mm) tempered glass comes with a brite, flat polished edge all around. Each Kit contains: one clip, 3/8" (10 mm) tempered glass, mounting tape, spacer tabs, a screw, and installation instructions.

CAT. NO.	GLASS SIZE	SHELF COLOR	ANCHOR FINISH
1010SCK	10" x 10" (254 x 254 mm)	Clear	Satin Chrome
1212SCK	12" x 12" (305 x 305 mm)	Clear	Satin Chrome

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.

CRL KV Corner Glass Shelf Kits

• 1/4" (6 mm) Tempered Glass Shelf



Each Kit comes in attractive packaging that will capture the attention of your retail customers and spell out the benefits of these innovative Shelf Kits. They practically sell themselves.

CAT. NO.	GLASS SIZE	SHELF COLOR	ANCHOR FINISH
89BRC1212	12" x 12" (305 x 305 mm)	Clear	Brass
89CHRC1212	12" x 12" (305 x 305 mm)	Clear	Chrome
89WHC1212	12" x 12" (305 x 305 mm)	Clear	White
89BLKC1212	12" x 12" (305 x 305 mm)	Clear	Black

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.

CRL Aluminum Shelf Brackets

- Three Beautiful Finishes for 3/8" to 1/2" (10 to 12 mm) and 5/8" to 3/4" (16 to 19 mm) Thick Shelves
- Will Support Shelves Up to 12" (305 mm) Deep
- One Pair Holds Up to 80 Pounds (36 kg)

These CRL Aluminum Shelf Brackets will accommodate tempered glass or wood shelves up to 1/2" or 3/4" (12 or 19 mm) thick. The design of the bracket provides support on the top edge and underneath, and will hold up to 80 pounds (36 kg) per pair. Each pack contains two Brackets, mounting tape, spacer tabs, screws, and installation instructions.


Chrome


White


Black



CAT. NO.	FINISH	SHELF THICKNESS	QTY/PKG
SC5CH	Chrome	3/8" to 1/2" (10 to 12 mm)	2
SC5BL	Black	3/8" to 1/2" (10 to 12 mm)	2
SC5W	White	3/8" to 1/2" (10 to 12 mm)	2
SC75CH	Chrome	5/8" to 3/4" (16 to 19 mm)	2
SC75BL	Black	5/8" to 3/4" (16 to 19 mm)	2
SC75W	White	5/8" to 3/4" (16 to 19 mm)	2

Minimum order: 1 pack. All Brackets can be combined for quantity pricing.

CRL Designer Aluminum Shelf Brackets

- Ornate Curved Design
- Will Support Shelves Up to 12" (305 mm) Deep
- One Pair Holds Up to 80 Pounds (36 kg)



These Designer Brackets will accommodate tempered glass or wood shelves up to 1/2" or 3/4" (12 or 19 mm) thick. The design of the Bracket provides support on the top edge and underneath, and will hold up to 80 pounds (36 kg). Each pack contains two Brackets, mounting tape, spacer tabs, screws, and installation instructions.


Chrome


White


Black

CAT. NO.	FINISH	SHELF THICKNESS	QTY/PKG
CC5CH	Chrome	3/8" to 1/2" (10 to 12 mm)	2
CC5BL	Black	3/8" to 1/2" (10 to 12 mm)	2
CC5W	White	3/8" to 1/2" (10 to 12 mm)	2
CC75CH	Chrome	5/8" to 3/4" (16 to 19 mm)	2
CC75BL	Black	5/8" to 3/4" (16 to 19 mm)	2
CC75W	White	5/8" to 3/4" (16 to 19 mm)	2

Minimum order: 1 pack. All Brackets can be combined for quantity pricing.

CRL Aluminum Display Shelf Brackets

- Two Finishes for 3/16" to 1/4" (5 to 6 mm) Thick Shelves
- No Drilling of Glass Required


Chrome Anodized


Gold Anodized

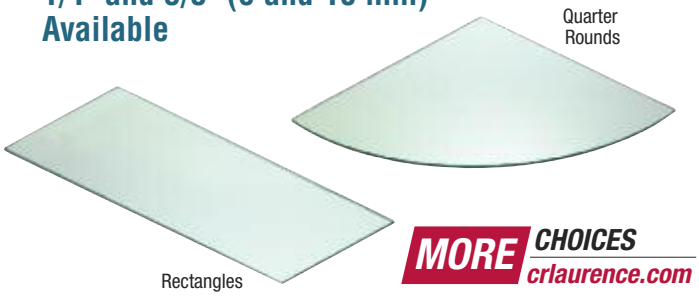
This CRL Anodized Aluminum Display Bracket is ideally suited for lightweight display items. The maximum shelf protrusion from the wall should not exceed 8" (203 mm).

CAT. NO.	FINISH	SHELF THICKNESS	QTY/PKG
E106A	Chrome Anodized	3/16" to 1/4" (5 to 6 mm)	1
E106GA	Gold Anodized	3/16" to 1/4" (5 to 6 mm)	1

Minimum order: 1 pack. All Brackets can be combined for quantity pricing.

CRL Tempered Glass for Shelves

- 1/4" and 3/8" (6 and 10 mm) Available



CRL makes designing and building glass shelves very simple by providing the most popular sizes and shapes of 1/4" and 3/8" (6 and 10 mm) tempered glass. Rectangles, quarter-rounds, and half-rounds are available to complete just about any glass shelf project. Visit **crlaurence.com/glass-shelves** for additional shapes and sizes.

3/8" (10 MM) TEMPERED GLASS

CAT. NO.	SHAPE	SIZE	QTY/CASE
38TGR524	Rectangle	5" x 24" (127 x 610 mm)	5
38TGQ12	Quarter Round	12" (305 mm) Radius	5

Minimum order: 1 case. Shapes and sizes can be combined for quantity pricing.

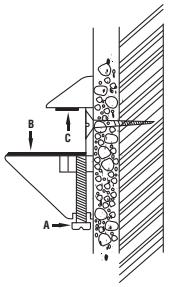
CRL Adjustable Shelf Brackets

MORE CHOICES crlaurence.com

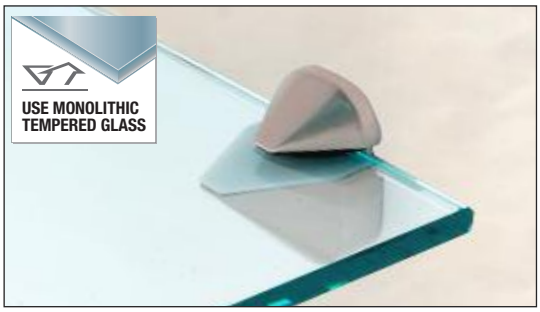
- For Glass or Wood Shelves 1/8" to 15/16" (3 to 24 mm) Thick
- Works With Shelves Up to 12" (305 mm) Deep (Protrusion From Wall)

CRL Regular Size Adjustable Shelf Brackets are designed to work with 1/8" to 15/16" (3 to 24 mm) thick glass or wood shelves up to 10" (254 mm) deep. Heavy-Duty Adjustable Shelf Brackets work with 1/2" to 15/16" (12 to 24 mm) thick glass or wood shelves up to 12" (305 mm) deep.

The Brackets are secured with one screw (included) to the substrate. An adjustment screw is also included to accommodate various shelf glass thicknesses. Maximum recommended weight per pair of DL631 Brackets when correctly installed is 44 pounds (20 kg). Maximum recommended weight per pair of DL661 Brackets correctly installed is 50 pounds (23 kg).



A = Adjustment Screw
B = Plastic Cap
C = Foam Cushion



REGULAR CAT. NO.	HEAVY-DUTY CAT. NO.	FINISH
DL631CH	DL661CH	Chrome
DL631BR	DL661BR	Brass
DL631BL	DL661BL	Black
DL631BN	DL661BN	Brushed Nickel
DL631SC	DL661SC	Satin Chrome
DL631W	DL661W	White

Minimum order: DL631 Series 1 pair. DL661 Series 1 each. Finishes can be combined for quantity pricing.

Regular



Side View



Front View


Bottom View

Heavy-Duty



Side View



Front View


Bottom View

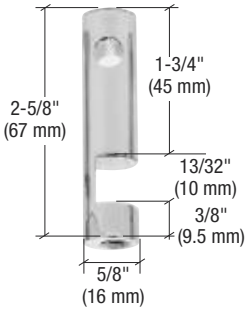
CRL Shelf Rod and Supports

- Create Beautiful and Safe Glass Shelves
- Available in Our Three Most Popular Finishes

Designed for use with 1/4" to 3/8" (6 to 10 mm) thick tempered glass, CRL's Shelf Rods and Supports are used to create beautiful glass shelves with an extra safety factor. The 24" or 36" (610 or 914 mm) long hollow Rods can be used as is, or cut-to-size. The attractively designed Supports can be attached to the shelf wherever required to create a truly unique look. Set screws hold them tight to the glass. The Rods come in packs of six each, Supports are sold individually.











LEFT HAND ROD SUPPORT		CENTER ROD SUPPORT		RIGHT HAND ROD SUPPORT	
CAT. NO.	FINISH	CAT. NO.	FINISH	CAT. NO.	FINISH
RDB1CH	Polished Chrome	RDB2CH	Polished Chrome	RDB3CH	Polished Chrome
RDB1BR	Polished Brass	RDB2BR	Polished Brass	RDB3BR	Polished Brass
RDB1BN	Brushed Nickel	RDB2BN	Brushed Nickel	RDB3BN	Brushed Nickel

Minimum order: 1 each. All Rod Supports can be combined for quantity pricing.

24" (610 MM) ROD		36" (914 MM) ROD	
CAT. NO.	FINISH	CAT. NO.	FINISH
RD24CH	Polished Chrome	RD36CH	Polished Chrome
RD24BR	Polished Brass	RD36BR	Polished Brass
RD24BN	Brushed Nickel	RD36BN	Brushed Nickel

Minimum order: 1 pack of six. Sizes and finishes can be combined for quantity pricing.

CRL Slot Mount Standoffs

- **For 1/4", 3/8" and 1/2" (6, 10, and 12 mm) Thick Material**

CRL Slot Mount Standoffs are designed to be mounted either vertically or horizontally, and can be used for installing shelves without drilling holes in the material. The nylon tip set screws hold panels firmly in place without damaging panel material or glass. This 1-1/4" (31.8 mm) diameter Slot Mount Standoff is available to hold 1/4", 3/8" and 1/2" (6, 10, and 12 mm) thick material. Maximum recommended shelf projection from the wall is 5" (127 mm) when Standoff is anchored to the wall stud.

MORE INFORMATION crlaurence.com



Slot Mount Standoff Assemblies Consist of:
1 Each Standoff
1 Each Nylon Tip Set Screw
1 Each Clear Gasket



BRASS CAT. NO.	CHROME CAT. NO.	SATIN CHROME CAT. NO.	BRUSHED STAINLESS CAT. NO.	GUN METAL CAT. NO.	MATERIAL THICKNESS
SM14BR	SM14CH	SM14SC	SM14BS	SM14GM	1/4" (6 mm)
SM38BR	SM38CH	SM38SC	SM38BS	SM38GM	3/8" (10 mm)
SM12BR	SM12CH	SM12SC	SM12BS	SM12GM	1/2" (12 mm)

Minimum order: 1 each. All Standoffs can be combined for quantity pricing.



CRL Solid Brass Shelf Clamps

- **For 1/4" to 3/8" (6 to 10 mm) Thick Glass**
- **No Glass Fabrication Required**
- **Available In Three Styles and Up to Eight Finishes**



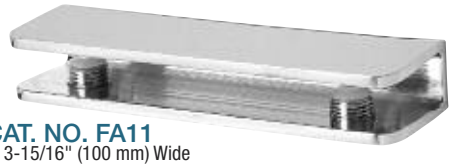
CRL Solid Brass Shelf Clamps can be used to secure a shelf for lightweight articles. Clamps should be secured to wall with screws (not included) in studs, or with Molly-type anchors. Nylon tip brass set screws secure the glass. Maximum 5" (127 mm) glass protrusion from wall is recommended. Clamps will hold 1/4" to 3/8" (6 to 10 mm) tempered glass, with no glass fabrication required.



CAT. NO. FA10
Size: 1-1/8" (28.6 mm) Wide x 1" (25.4 mm) Deep



CAT. NO. FA12
Size: 1-15/16" (49.2 mm) Wide x 1" (25.4 mm) Deep



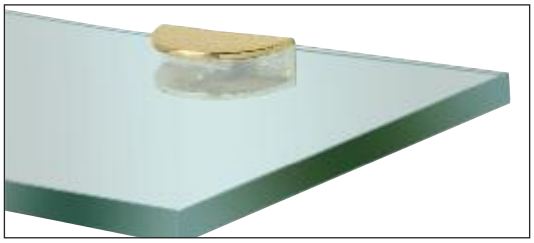
CAT. NO. FA11
Size: 3-15/16" (100 mm) Wide x 1" (25.4 mm) Deep

CAT. NO.	FINISH
FA10CH	Chrome
FA10BR	Brass
FA10BC0	Brushed Copper
FA10BN	Brushed Nickel
FA10PN	Polished Nickel
FA10SC	Satin Chrome
FA10SB	Satin Brass
FA10UBR	Ultra Brass

CAT. NO.	FINISH
FA11CH	Chrome
FA11BR	Brass
FA11BN	Brushed Nickel
FA11PN	Polished Nickel
FA11SB	Satin Brass

CAT. NO.	FINISH
FA12CH	Chrome
FA12BR	Brass
FA120RB	Oil Rubbed Bronze
FA12BN	Brushed Nickel
FA12SB	Satin Brass
FA12SC	Satin Chrome

Minimum order: 1 each. All Clamps can be combined for quantity pricing.

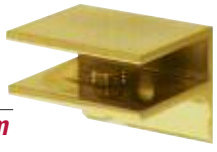


CRL Shelf Clamps With Support Leg

- **For 1/4" to 3/8" (6 to 10 mm) Thick Glass**
- **Support Leg for Extra Strength**

MORE CHOICES crlaurence.com

CRL Solid Brass Shelf Clamps with Support Leg can be used to secure a shelf for lightweight articles. Clamps should be secured to wall with screws (not included) in studs, or with Molly-type anchors. Nylon tip brass tension screws secure the glass. Maximum 5" (127 mm) glass protrusion from wall is recommended. Clamps will hold 1/4" to 3/8" (6 to 10 mm) tempered glass, with no glass fabrication required. "F" shape gives an extra 1/2" (12 mm) support against the wall. One Clamp per pack.



CAT. NO. EH132/EH134
Size: 1-9/16" (40 mm) Wide x 1-3/16" (30 mm) Deep



CAT. NO. EH124/EH126
Size: 1-15/16" (49 mm) Wide x 15/16" (24 mm) Deep



CAT. NO. EH128/EH130
Size: 3-15/16" (100 mm) Wide x 1-3/16" (30 mm) Deep

CAT. NO.	FINISH
EH132	Chrome
EH134	Brass

CAT. NO.	FINISH
EH124	Chrome
EH126	Brass

CAT. NO.	FINISH
EH128	Chrome
EH130	Brass

Minimum order: 1 pack. All Clamps can be combined for quantity pricing.

CRL No-Drill Round Glass Shelf Clamps

- Solid Brass With Chrome or Gold Plated Finishes
- For 3/8" and 1/2" (10 and 12 mm) Thick Tempered Glass


Chrome


Gold



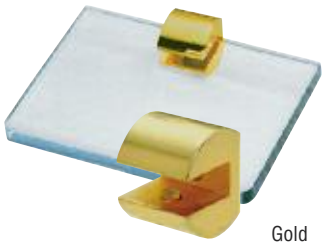
CRL No-Drill Glass Shelf Clamps are made of solid brass with a beautiful chrome or gold plated finish. They make mounting small glass shelves directly to walls or inside cabinets easy because nylon set screws secure the glass, so absolutely no glass drilling is required. The Round Clamps come in two diameters, 25/32" and 15/16" (19.8 and 23.8 mm) for 3/8" and 1/2" (10 and 12 mm) tempered glass. Maximum shelf protrusion from the wall is 5" (127 mm). Shelf Clamps are also suitable for use with small acrylic or wood shelves. All Clamps have a single mounting hole. Sold one per package.

CAT. NO.	FINISH	DIAMETER	GLASS THICKNESS
1020CHR	Chrome	25/32" (19.8 mm)	3/8" (10 mm)
1020GP	Gold	25/32" (19.8 mm)	3/8" (10 mm)
1222CHR	Chrome	15/16" (23.8 mm)	1/2" (12 mm)
1222GP	Gold	15/16" (23.8 mm)	1/2" (12 mm)

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.

CRL No-Drill Long Glass Shelf Clamps

- Solid Brass With Chrome or Gold Plated Finishes
- For 3/8" and 1/2" (10 and 12 mm) Thick Tempered Glass


Gold




Chrome

CRL No-Drill Glass Shelf Clamps are made of solid brass with a beautiful chrome or gold plated finish. They make mounting small glass shelves directly to walls or inside cabinets easy because nylon set screws secure the glass, so absolutely no glass drilling is required. The Long Clamps are available in two lengths, 1-1/4"and 2-3/4" (32 and 70 mm) for 3/8" and 1/2" (10 and 12 mm) tempered glass. Maximum shelf protrusion from the wall is 5" (127 mm). Shelf Clamps are also suitable for use with small acrylic or wood shelves.

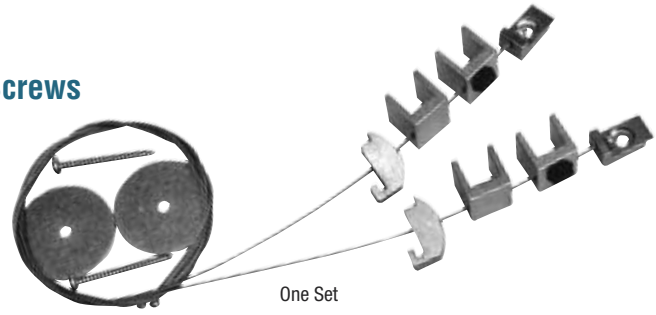
CAT. NO.	FINISH	LENGTH	GLASS THICKNESS
1230CHR	Chrome	1-1/4" (32 mm)	3/8" (10 mm)
1230GP	Gold	1-1/4" (32 mm)	3/8" (10 mm)
1270CHR	Chrome	2-3/4" (70 mm)	3/8" (10 mm)
1270GP	Gold	2-3/4" (70 mm)	3/8" (10 mm)
1430CHR	Chrome	1-1/4" (32 mm)	1/2" (12 mm)
1430GP	Gold	1-1/4" (32 mm)	1/2" (12 mm)
1470CHR	Chrome	2-3/4" (70 mm)	1/2" (12 mm)
1470GP	Gold	2-3/4" (70 mm)	1/2" (12 mm)

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.

CRL Cable Shelf Brackets

MORE INFORMATION crlaurence.com

- Put Up a Shelf With Only Two Screws
- Works on Any Shelf Up to 16" (406 mm) Deep
- Strong; Holds Up to 100 Pounds (45 kg)


One Set



CRL's Cable Shelf Bracket will help provide low-cost, high-style storage. They can hold any shelving material including wood, tempered glass, and marble. They can also be used for utility shelving. The brackets come in natural aluminum or anodized black finish and are available for 3/8" to 1/2" (10 to 12 mm) and 5/8" to 3/4" (16 to 19 mm) thick shelves. Constructed of stainless steel cable and aluminum fittings which help to hold up to 100 pounds (45 kg). The design supports the front and rear of the shelf in suspension. Includes a pair of brackets, round back plates, two screws, plastic tabs, and instructions.

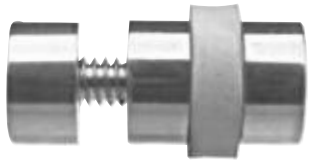
- Two Sizes and Finishes to Choose From

CAT. NO.	SHELF THICKNESS	FINISH
CSB5	3/8" - 1/2" (10-12 mm)	Aluminum
CSB5B	3/8" - 1/2" (10-12 mm)	Black
CSB75	5/8" - 3/4" (16-19 mm)	Aluminum
CSB75B	5/8" - 3/4" (16-19 mm)	Black

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.

CRL Glass Shelf Rests

- Intended for Use With 1/4" to 1/2" (6 to 12 mm) Thick Tempered Glass Shelves
- Install in Glass, Wood or Metal Panels to Support Shelves



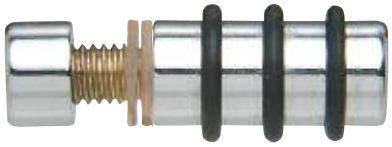
Chrome

CAT. NO.	FINISH
GSR600BR	Brass
GSR600CH	Chrome

Minimum order: 1 each. Finishes can be combined for quantity pricing.
NOTE: Requires a 1/4" (6 mm) diameter hole in side panel.

CRL Single Glass Shelf Supports

- For 3/16" to 3/8" (5 to 10 mm) Thick Tempered Glass
- Available in Three Finishes
- Rubber Rings Cushion Glass



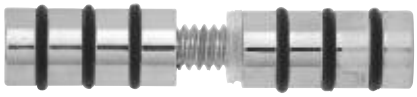
Chrome

CAT. NO.	FINISH
3110CH	Chrome
3110GP	Gold Plated
3110BL	Black

Minimum order: 1 each. All Shelf Supports can be combined for quantity pricing. **NOTE:** Requires a 1/4" (6 mm) diameter hole in side panel.

CRL Double Glass Shelf Supports

- For Adjoining Tempered Glass Shelves
- Available in Three Finishes
- Rubber Rings Cushion Glass



Chrome

CAT. NO.	FINISH
3109CH	Chrome
3109GP	Gold Plated
3109BL	Black

Minimum order: 1 each. All Shelf Supports can be combined for quantity pricing. **NOTE:** Requires a 1/4" (6 mm) diameter hole in side panel.

CRL Shelf Connectors

- For 1/4" to 1/2" (6 to 12 mm) Thick Shelving Material
- Connects Tempered Glass, Acrylic or Wood Shelves to Side Panel



CAT. NO.	FINISH
3106BL	Black
3106CH	Chrome

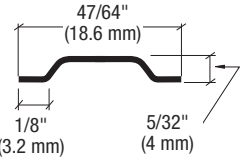
Minimum order: 1 each. All Shelf Connectors can be combined for quantity pricing. **NOTE:** Requires a 1/4" (6 mm) diameter hole in side panel.

MORE CHOICES
crlaurence.com

CRL Surface Mount Standards

- Shelving is Fully Adjustable

CRL's Bright Zinc Surface Mount Standards are the modern support for adjustable shelving in place of wood ratchets or boring holes for metal shelf pins. Easily installed without grooving the wood. Shelves are instantly adjustable every 1/2" (12.7 mm).





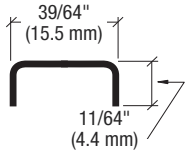
CAT. NO.	FINISH	LENGTH
KV23336	Bright Zinc	36" (914 mm)
KV23348	Bright Zinc	48" (1219 mm)
KV23360	Bright Zinc	60" (1524 mm)
KV23372	Bright Zinc	72" (1829 mm)

Minimum order: 1 each. All Standards can be combined for quantity pricing.

CRL Flush or Surface Mount Standards

- Provides Option to Mount on Surface or Set in Flush

This narrow Standard shows less metal and is not as conspicuous as wider standards. Mounting screw holes are spaced 6" (152 mm) on center. Shelves are instantly adjustable every 1/2" (12.7 mm).





CAT. NO.	FINISH	LENGTH
KV25536	Bright Zinc	36" (914 mm)
KV25548	Bright Zinc	48" (1219 mm)
KV25560	Bright Zinc	60" (1524 mm)
KV25572	Bright Zinc	72" (1829 mm)

Minimum order: 1 each. All Standards can be combined for quantity pricing.

CRL Shelf Supports for Surface and Flush Mount Standards



CAT. NO. KV237
1" Shelf Support for Use With KV233 Standards
Minimum order: 20 each.



CAT. NO. KV239
7/8" Shelf Support for Use With KV233 and KV255 Standards
Minimum order: 20 each.



CAT. NO. KV256
3/4" Shelf Support for Use With KV233 and KV255 Standards
Minimum order: 20 each.

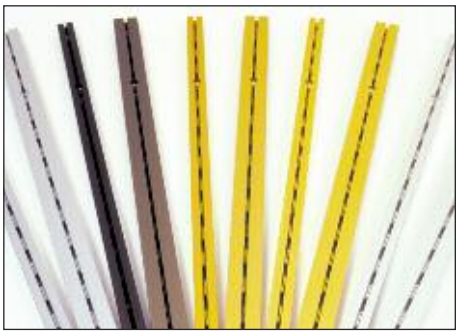


CAT. NO. KV256R
3/4" Shelf Support With Rubber Cushion for Use With KV233 and KV255 Standards
Minimum order: 20 each.

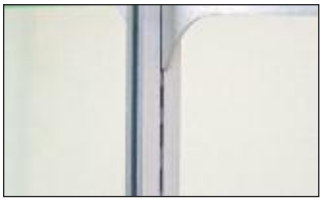
CRL Aluminum Mirror and Wall Mount Standards

- **Available in Three Standard Lengths: 36", 48", and 72" (914, 1219, and 1829 mm)**
- **Discreet Narrow Bracket Holes**

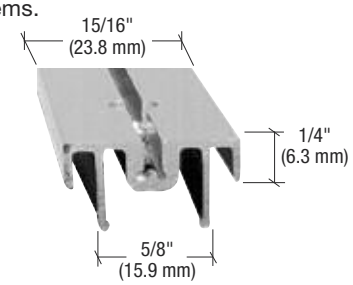
CRL US ALUMINUM MANUFACTURED IN THE USA

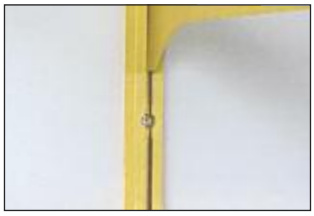


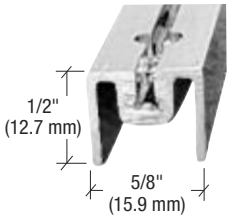
CRL Aluminum Standards are available in two styles. The 22 Series Mirror Standard is "T" Shaped, and fits between two mirror panels to cover the edges and secure them to the wall. The 322 Series Wall Standard simply secures to the wall. Five finishes and three lengths cover just about any application. Both styles provide attractive glass wall shelving for displaying selected items.



Flanges Hide Mirror Edges







22 SERIES ALUMINUM MIRROR STANDARDS — **12 PER CARTON**

CAT. NO.	LENGTH	FINISH
22A36	36" (914 mm)	Satin Anodized
22A48	48" (1219 mm)	Satin Anodized
22A72	72" (1829 mm)	Satin Anodized
22GA36	36" (914 mm)	Gold Anodized
22GA48	48" (1219 mm)	Gold Anodized
22GA72	72" (1829 mm)	Gold Anodized
22BA36	36" (914 mm)	Brite Anodized
22BA48	48" (1219 mm)	Brite Anodized
22BA72	72" (1829 mm)	Brite Anodized
22BGA36	36" (914 mm)	Brite Gold Anodized
22BGA48	48" (1219 mm)	Brite Gold Anodized
22BGA72	72" (1829 mm)	Brite Gold Anodized
22DU36	36" (914 mm)	Duranodic Bronze
22DU48	48" (1219 mm)	Duranodic Bronze
22DU72	72" (1829 mm)	Duranodic Bronze

Minimum order: 1 each. All Aluminum Standards can be combined for quantity pricing.

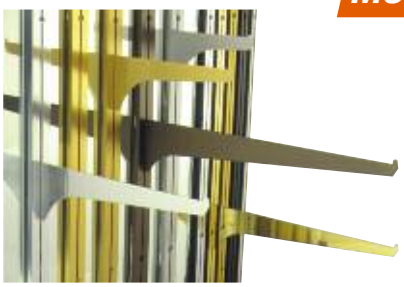
322 SERIES ALUMINUM WALL STANDARDS — **10 PER CARTON**

CAT. NO.	LENGTH	FINISH
322A36	36" (914 mm)	Satin Anodized
322A48	48" (1219 mm)	Satin Anodized
322A72	72" (1829 mm)	Satin Anodized
322GA36	36" (914 mm)	Gold Anodized
322GA48	48" (1219 mm)	Gold Anodized
322GA72	72" (1829 mm)	Gold Anodized
322BA36	36" (914 mm)	Brite Anodized
322BA48	48" (1219 mm)	Brite Anodized
322BA72	72" (1829 mm)	Brite Anodized
322BGA36	36" (914 mm)	Brite Gold Anodized
322BGA48	48" (1219 mm)	Brite Gold Anodized
322BGA72	72" (1829 mm)	Brite Gold Anodized
322DU36	36" (914 mm)	Duranodic Bronze
322DU48	48" (1219 mm)	Duranodic Bronze
322DU72	72" (1829 mm)	Duranodic Bronze

Minimum order: 1 each. All Aluminum Standards can be combined for quantity pricing.

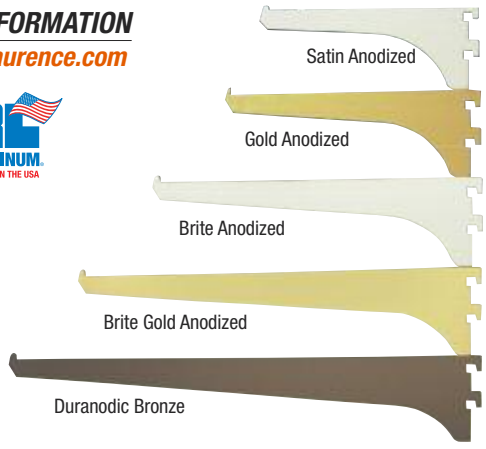
CRL Aluminum Shelf Brackets

- **Fit Our Series 22 and Series 322 Aluminum Standards**
- **Available in Five Finishes and Sizes**



MORE INFORMATION crlaurence.com

CRL US ALUMINUM MANUFACTURED IN THE USA



CRL Aluminum Brackets are available in five finishes and five sizes. They only work in our 22 Series and 322 Series Aluminum Standards. They do not have a back flange, but simply slip into the hidden slots and are secured by lightly tapping down on the Bracket.

SATIN ANODIZED CAT. NO.	GOLD ANODIZED CAT. NO.	BRITE ANODIZED CAT. NO.	BRITE GOLD ANODIZED CAT. NO.	DURANODIC BRONZE CAT. NO.	SIZE	ALUMINUM BRACKET WEIGHT CAPACITIES*
122A4	122GA4	122BA4	122BGA4	122DU4	4" (102 mm)	75 Lbs (34 kg)
122A6	122GA6	122BA6	122BGA6	122DU6	6" (152 mm)	65 Lbs (29 kg)
122A8	122GA8	122BA8	122BGA8	122DU8	8" (203 mm)	55 Lbs (25 kg)
122A10	122GA10	122BA10	122BGA10	122DU10	10" (254 mm)	45 Lbs (20 kg)
122A12	122GA12	122BA12	122BGA12	122DU12	12" (305 mm)	35 Lbs (16 kg)

Minimum order: 1 each. All Aluminum Brackets are packed 25 per carton. Sizes and finishes can be combined for quantity pricing. * The above weights are based on two standards mounted 16" (406 mm) apart with the screws into the wall studs.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

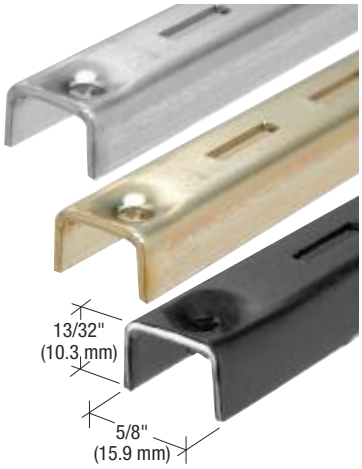
CRL KV Adjustable Steel Standards and Brackets

MORE INFORMATION crlaurence.com

- Steel Components for Strength
- A Downward Tap Secures the Bracket in the Standard

CRL KV Adjustable Steel Standards

CRL KV Adjustable Steel Standards are designed to handle most loads and should be secured directly to the wall studs. Standards have slots to allow 1" (25 mm) adjustments to the brackets.

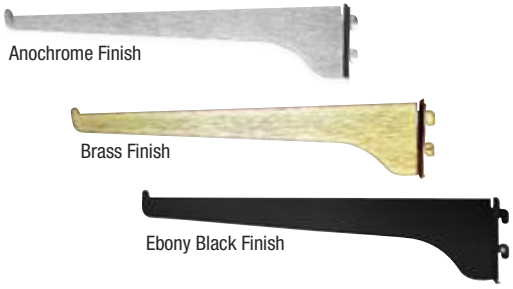


ANOCHROME CAT. NO.	BRASS CAT. NO.	EBONY BLACK CAT. NO.	LENGTH
80A24	80B24	80EB24	24" (610 mm)
80A36	80B36	80EB36	36" (914 mm)
80A48	80B48	80EB48	48" (1219 mm)
80A60	80B60	80EB60	60" (1524 mm)
80A72	80B72	80EB72	72" (1829 mm)
80AS	80BRS	80EBS	# Pack of Mounting Screws

Minimum order: 1 each. All Steel Standards can be combined for quantity pricing. 10 per carton. #50 screws per pack.

CRL KV Adjustable Steel Brackets

CRL KV Adjustable Steel Brackets are used with our 80 Series Adjustable Steel Standards.



ANOCHROME CAT. NO.	BRASS CAT. NO.	EBONY BLACK CAT. NO.	SHELF WIDTH	STEEL BRACKET WEIGHT CAPACITIES*
180A4	---	---	4" (102 mm)	380 Lbs (172 kg)
180A6	180B6	180EB6	6" (152 mm)	360 Lbs (163 kg)
180A8	180B8	180EB8	8" (203 mm)	320 Lbs (145 kg)
180A10	180B10	180EB10	10" (254 mm)	240 Lbs (109 kg)
180A12	180B12	180EB12	12" (305 mm)	190 Lbs (86 kg)
180A14	180B14	---	14" (356 mm)	190 Lbs (86 kg)
180A16	180B16	---	16" (406 mm)	190 Lbs (86 kg)
180A18	---	---	18" (457 mm)	160 Lbs (73 kg)
180A20	---	---	20" (508 mm)	120 Lbs (54 kg)

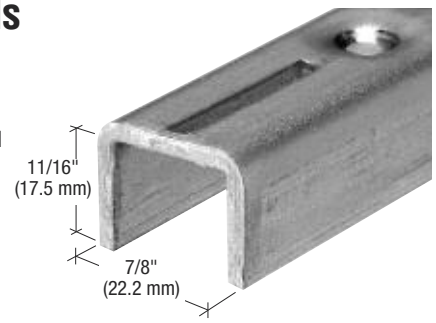
Minimum order: 1 each. All Steel Brackets can be combined for quantity pricing. 10 per carton. *Per pair.

CRL KV Adjustable Heavy-Duty Steel Standards and Brackets

- Heavy-Duty Steel Standards for Heavy Loads
- Heavy-Duty Steel Brackets Specifically to Fit Our 87 Series Heavy-Duty Steel Standards

CRL KV Adjustable Heavy-Duty Steel Standards

CRL KV Adjustable Heavy-Duty Steel Standards are designed to handle heavy loads, and should be secured directly to the studs. Brackets can be adjusted in 2" (51 mm) increments.



ANOCHROME CAT. NO.	LENGTH
87A24	24" (610 mm)
87A36	36" (914 mm)
87A48	48" (1219 mm)
87A60	60" (1524 mm)
87A72	72" (1829 mm)

Minimum order: 1 each. All Steel Standards can be combined for quantity pricing. Five per carton.

CRL KV Adjustable Heavy-Duty Steel Brackets



CRL KV Adjustable Heavy-Duty Steel Brackets are designed to be used with the 87 Series Heavy-Duty Steel Standards. To ensure the Brackets stay in place and the shelving remains stable, every Bracket includes an easy-to-operate lock mechanism.

ANOCHROME CAT. NO.	SHELF WIDTH	H.D. STEEL BRACKET WEIGHT CAPACITIES*
186LLA8	8" (203 mm)	880 Lbs (399 kg)
186LLA10	10" (254 mm)	760 Lbs (345 kg)
187LLA12	12" (305 mm)	1060 Lbs (481 kg)
187LLA14	14" (356 mm)	910 Lbs (413 kg)
187LLA16	16" (406 mm)	720 Lbs (327 kg)
187LLA18	18" (457 mm)	540 Lbs (245 kg)
187LLA20	20" (508 mm)	770 Lbs (349 kg)

Minimum order: 1 each. All Steel Brackets can be combined for quantity pricing. 10 per carton. *Per pair.

CRL Zinc Plated Steel Shelf Support

- Bright Zinc Plated
- Fits Into 1/4" (6 mm) Hole



MORE CHOICES crlaurence.com

CRL Zinc Plated Shelf Supports are intended to be used in glass or wood panels with holes 1/4" (6 mm) in diameter. 100 per box.

CAT. NO.	FINISH
KV333	Bright Zinc Plated Steel

Minimum order: 100 each. All Supports can be combined for quantity pricing.

CRL Plastic Shelf Supports

- Available in Two Colors
- Fits Into 1/4" (6 mm) Hole



Tan

Clear

This CRL Plastic Shelf Support is intended to be used in glass or wood panels with holes measuring 1/4" (6 mm) in diameter. 100 per box.

CAT. NO.	COLOR
KV335	Tan Plastic
KV335CL	Clear Plastic

Minimum order: 100 each. All Supports can be combined for quantity pricing.

CRL Plated Steel Shelf Supports

- Designed to Fit 1/4" (6 mm) Diameter Hole



CAT. NO. KV346



CAT. NO. 3346347



CAT. NO. KV129

CRL Steel Plated Shelf Supports are intended to be used in glass or wood drilled hole panels. Shelf Supports are sold 100 per box. Gray Rubber Cushions to protect the glass are sold separately.

CAT. NO.	FINISH
KV346	Nickel Plated Steel Support
KV346B	Brass Plated Steel Support
KV129	Gray Rubber Cushion
3346347	Vinyl Tip Steel Support

Minimum order: 100 each except No.3346347 (1 box). All Supports can be combined for quantity pricing.

CRL Long Leg Set Screw Glass Clamps

- For 1/4" to 5/16" (6 to 8 mm) Tempered Glass



CRL Long Leg Glass Clamps are great for attaching shelves to walls with their extra long leg for added support. The glass is secured by a plastic tipped set screw. Each clamp is supplied with two wood screws.

CAT. NO.	FINISH	QTY/PKG
EH50	Chrome	1
EH51	Brushed Nickel	1
EH52	Brass	1

Minimum order: 1 pack. All Set Screw Clamps can be combined for quantity pricing.

CRL Short Leg Set Screw Glass Clamps

- For 1/4" to 5/16" (6 to 8 mm) Tempered Glass



CRL Short Leg Glass Clamps are for attaching shelves to walls. They can be attached to any substrate. The glass is secured by a plastic tipped set screw. Each clamp is supplied with two wood screws.

CAT. NO.	FINISH	QTY/PKG
EH46	Chrome	1
EH47	Brushed Nickel	1
EH48	Brass	1

Minimum order: 1 pack. All Set Screw Clamps can be combined for quantity pricing.

CRL Steel Shelf Brackets

- Heavy-Duty for Extra Strength
- Shelf Widths From 4" to 12" (102 to 305 mm)



These heavy-duty Steel Brackets are the right choice for any shelf material, whether it is glass, wood or metal. These sturdy steel Brackets are anochrome finished, and mounted directly to the wall. Complete with screws.

CAT. NO.	SHELF WIDTH
KV2044	4" (102 mm)
KV2046	6" (152 mm)
KV2048	8" (203 mm)
KV20410	10" (254 mm)
KV20412	12" (305 mm)

Minimum order: 1 each. All Brackets can be combined for quantity pricing.

CRL KV Accessories for Steel Standards and Brackets

MORE CHOICES crlaurence.com

CRL Plastic Back Rest



Clear Plastic - Used at back of center of 180 Series Brackets when shelf extends over to the next Bracket.

CAT. NO.	QTY/PKG
KV104P	100

CRL Plastic Back Rest



Clear Plastic - Used at back of center of 180 Series Brackets. Has divider lug for intersections of meeting shelves.

CAT. NO.	QTY/PKG
KV101P	100

CRL Plastic Back Rest



Clear Plastic - Used at back of end of 180 Series Brackets when shelf extends only in one direction.

CAT. NO.	QTY/PKG
KV10412P	100

CRL Plastic Front Rest



Clear Plastic - Used at front of center of 180 Series Brackets when shelf extends over to the next Bracket.

CAT. NO.	QTY/PKG
KV103P	100

CRL Plastic Front Rest



Clear Plastic - Used at front of center of 180 Series Brackets. Has divider lug for intersections of meeting shelves.

CAT. NO.	QTY/PKG
KV102P	100

CRL Plastic Front Rest



Clear Plastic - Used at front of end of 180 Series Bracket when shelf extends in one direction. Right Hand Rest shown.

CAT. NO.	HAND	QTY/PKG
KV10312PLH	Left	100
KV10312PRH	Right	100

CRL Rubber Cushions



Rubber - Used with all Rests on this page. Fits into hole on Rest to cushion glass.

CAT. NO.	QTY/PKG
KV129	100

CRL Metal End Rest



Metal - Used at back of center Brackets when shelf extends only in one direction.

CAT. NO.	QTY/PKG
KV210	100

CRL Metal Center Rest



Metal - Used at back of center Brackets when shelf extends over to the next Bracket.

CAT. NO.	QTY/PKG
KV211	100

CRL Metal Front Rest



Metal - Used at front of center Brackets when shelf extends over to the next Bracket.

CAT. NO.	QTY/PKG
KV212	100

CRL Metal Standard Top Socket



Metal Top Socket used to secure our 80 Series Steel Standards in showcases.

CAT. NO.	TYPE	QTY/PKG
KV137	Top	100

CRL Metal Standard Bottom Socket



Metal Bottom Socket used to secure our 80 Series Steel Standards in showcases.

CAT. NO.	TYPE	QTY/PKG
KV136	Bottom	100

Minimum order: 1 each. All Rests, Cushions, and Sockets can be combined for quantity pricing.

CRL Mini Bulb Style Single-Sided Knobs

MORE CHOICES crlaurence.com

GLASS FAB



- Fits 1/4" to 1/2" (6 to 12 mm) Thick Glass
- Choose From Over 10 Finishes

Ideal for cabinet doors. Knob extends 1" (25.4 mm) from the surface and measures 3/4" (19 mm) in diameter. End Cap protrudes only 1/8" (3.2 mm) from the glass surface. Requires a 1/2" (12 mm) hole in glass for installation. Made of solid brass.

CAT. NO.	FINISH
19MKCH	Chrome
19MKBR	Brass
19MKBN	Brushed Nickel
19MKPN	Polished Nickel
19MKSC	Satin Chrome

Minimum order: 1 each.

CRL Traditional Style Single-Sided Knobs

GLASS FAB



- Fits 1/4" to 1/2" (6 to 12 mm) Thick Glass
- 20 Available Finishes

These Solid Brass Knobs are available in many popular finishes. Overall diameter of knob is 1-9/16" (39.7 mm); overall height is 1" (25.4 mm) from glass. End Cap for Single-Sided Knob stands 1/4" (6 mm) from the door surface. Requires a 1/2" (12 mm) hole in glass for installation.

CAT. NO.	FINISH
SDK200CH	Chrome
SDK200BR	Brass
SDK200BN	Brushed Nickel
SDK200PN	Polished Nickel
SDK200SC	Satin Chrome

Minimum order: 1 each.

CRL Contemporary Style Single-Sided Knobs

GLASS FAB



- Fits 1/4" to 1/2" (6 to 12 mm) Thick Glass
- Over 10 Designer Finishes

CRL Contemporary Style Knobs measure 1-3/16" (30.2 mm) diameter and stand 1-3/16" (30.2 mm) from the door surface. End Cap stands 1/4" (6 mm) from the door surface. Requires a 1/2" (12 mm) hole in glass for installation.

CAT. NO.	FINISH
SDK206CH	Chrome
SDK206BR	Brass
SDK206BN	Brushed Nickel
SDK206PN	Polished Nickel
SDK206SC	Satin Chrome

Minimum order: 1 each.

CRL Cylinder Style Single-Sided Knobs

GLASS FAB



- Fits 1/4" to 1/2" (6 to 12 mm) Thick Glass
- Over 10 Available Finishes

This solid brass CRL Cylinder Style Knob comes in many beautiful finishes. Knobs measure 11/16" (17.5 mm) in diameter and stand 1-3/16" (30.2 mm) from the door surface. Requires a 3/8" (10 mm) hole in glass for installation.

CAT. NO.	FINISH
SDK212CH	Chrome
SDK212BR	Brass
SDK212BN	Brushed Nickel
SDK212PN	Polished Nickel
SDK212SC	Satin Chrome

Minimum order: 1 each.

All Knobs can be combined for quantity pricing. All CRL Single-Sided Knobs are available in a variety of beautiful finishes. See them all at **crlaurence.com/knobs-pulls**.

CRL Crystal Knobs

- Clean, See-Through Appearance
- No Hole Drilling Required

Crystal Knobs provide a clean and transparent look. Knob and door blend together for a see-through appearance. No hole drilling required. Simply adhere Knob with our water clear Cat. No. UV703 UV Adhesive (see page SF070). Minimum order is one each.



CAT. NO. SDK406CR
Contemporary Style Single-Sided Knob
1-15/16" (49.2 mm) Diameter 2-1/16" (52.4 mm) High



CAT. NO. SDK400CR
Traditional Style Single-Sided Knob
1-15/16" (49.2 mm) Diameter 1-13/16" (46 mm) High

CRL Set Screw Pulls

- No-Drill Attachment for 3/16" to 1/4" (5 to 6 mm) Glass
- Plastic Tipped Set Screw



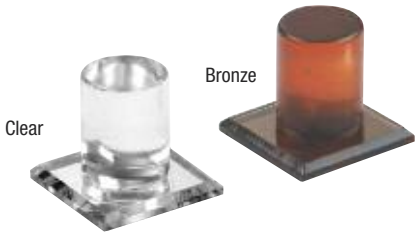
The CRL Set Screw Pulls add function and style to your glass showcases and stereo cabinet installations. Installs easily and quickly with a screwdriver. There's no need to drill an attachment hole so your fabrication costs stay minimal. 2 per pack.

CAT. NO.	FINISH
EH228	Chrome
EH230	Brass

Minimum order: 1 pack. All Knobs can be combined for quantity pricing.

CRL Acrylic Mirror Knobs (Stick-On Type)

- Polished Bevels
- Just Peel and Apply



CRL's Acrylic Mirror Knobs are one of our most popular products for sliding mirror cabinet doors. High quality pressure sensitive adhesive will easily attach to most smooth surfaces. No holes to drill, just peel and apply directly to glass. Base size: 1" x 1" (25.4 x 25.4 mm).

CAT. NO.	COLOR	QTY/PKG
MKC1	Clear	12
MKB2	Bronze	12

Minimum order: 1 each. All Knobs on this page can be combined for quantity pricing.

CRL Acrylic Finger Pull With Screw

- Durable and Long Lasting
- Easy to Install



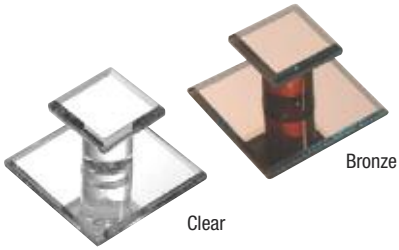
This CRL Clear Acrylic Finger Pull With Screw is an extremely functional door pull designed for cabinets or showcases. The clear acrylic pull is both attractive and very durable. Measures 1" (25.4 mm) long x 3/4" (19 mm) in diameter. Requires a 3/8" (10 mm) hole for installation.

CAT. NO.	COLOR	QTY/PKG
37P	Clear	100 Sets

Minimum order: 1 each. All Knobs on this page can be combined for quantity pricing.

CRL Acrylic Small Mirror Pulls (Stick-On Type)

- Polished Bevels
- Easy to Install



CRL Acrylic Small Mirror Pulls are very easy to install. No holes to drill, just simply peel off the protective paper and apply directly to glass, mirror or non-porous surface. Available in clear or bronze. Base size: 1-3/4" x 1-3/4" (44.5 x 44.5 mm).

CAT. NO.	COLOR	QTY/PKG
SMPC3	Clear	12
SMPB4	Bronze	12

Minimum order: 1 each. All Knobs on this page can be combined for quantity pricing.

CRL Acrylic Whistle Pull

MORE CHOICES crlaurence.com

- Handy Finger Grip
- Screws on Easily



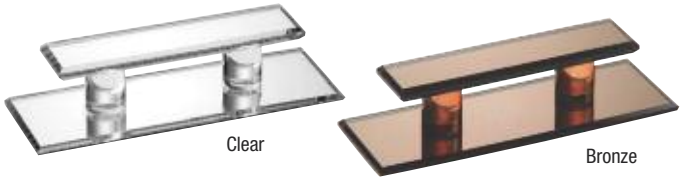
This CRL Acrylic Whistle Pull Knob is perfectly suited for use in tight spaces, on drawers and cabinet doors. Its subtle design and clean, clear acrylic finish complements mirrored surfaces. Measures 1" (25.4 mm) long x 5/8" (15.9 mm) in diameter. Comes with screw.

CAT. NO.	COLOR	QTY/PKG
AP6110	Clear	10

Minimum order: 1 each. All Knobs on this page can be combined for quantity pricing.

CRL Acrylic Large Mirror Pulls (Stick-On Type)

- Polished Bevels



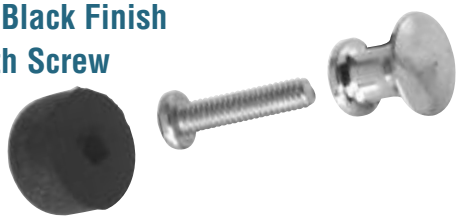
This CRL Acrylic Large Mirror Pull has a 5" x 1-3/4" (127 x 44.5 mm) base with pressure sensitive adhesive for easy application. No holes to drill, simply peel off the protective backing paper and apply directly to glass, mirror or non-porous surface.

CAT. NO.	COLOR	QTY/PKG
LMPC5	Clear	12
LMPB6	Bronze	12

Minimum order: 1 each. All Knobs on this page can be combined for quantity pricing.

CRL Aluminum Knobs

- Aluminum or Black Finish
- Complete With Screw and Bumper



CRL's Aluminum Knobs are available in a pack that includes two sets of aluminum knobs, mounting screws, and rubber bumpers to be attached to the reverse side of one Knob (which keeps the screw head from striking the opposite door). Use a 3/16" (5 mm) drill for installation.

CAT. NO.	FINISH	QTY/PKG
EP19A	Aluminum	1
EP19BL	Black	1

Minimum order: 1 pack. All Knobs on this page can be combined for quantity pricing.

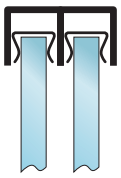
CRL Track Assemblies

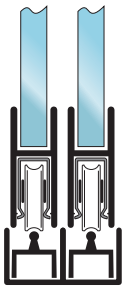
MORE INFORMATION
crlaurence.com



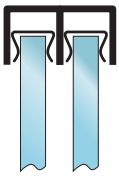
- Pre-Cut Assemblies or 12 Foot (3.66 m) Extrusions So You Can Fabricate Your Own Assemblies
- Available in a Variety of Beautiful Architectural Finishes to Match Most Any Décor

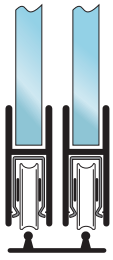






Deluxe Style
Track Assembly





Low Profile
Track Assembly





Security Anti-Lift
Track Assembly

CRL Offers Track Assemblies for Any Requirement:

Medical offices, corporate and business offices, hotel lobbies. They are also used in the construction of display cabinets and showcases, trophy and gun cases.

What Track Assembly is Best for My Project?

CRL offers Track Assemblies that will complement any retail, commercial or residential project. The variety of Track Assemblies offered on the next few pages is the most extensive selection available in the industry. Whether you are a large manufacturer of showcases for retail department stores or a small cabinet shop specializing in custom residential projects, CRL has the style and extrusion profiles to fit your requirements.

Designed for 1/4" (6 mm) glazing, these Track Assemblies are available in three economical pre-cut lengths or full 12 foot (3.66 m) extrusions for larger projects. For showcases or cabinets where the safety of the contents is a concern, our Anti-Lift Track Assemblies can provide an extra measure of security. Whatever your Track Assembly requirements may be, CRL has the products and the solution for any design requirement.

Do CRL Track Assemblies Offer a Choice of Components?

Most customers prefer to have options when designing custom showcases or cabinets. CRL has Track Assemblies for any project, and a large selection of components and accessories that will enhance your design. Upper Channels, Lower Tracks, Wheels, Locks, and Pulls, CRL has the product to achieve any design requisite. The pages in this section will provide you with many alternatives and options for component selection.

What Can I Do If I Need Assistance?

The success of your showcase, cabinet or pass-thru project is very important to CRL. If you would like us to review your showcase specifications, please fax your drawing to CRL Technical Sales at (800) 458-7496. If you need assistance with the selection of Track Assemblies or components, contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International and ask for Ext. 7760. You can send an e-mail to crlaurence.com/support.

CRL Track Assemblies



Installation Using CRL Pre-Cut 36" (914 mm) Track Assembly

CAT. NO. D2301A36

• CRL Provides Many Diversified Styles of Track Assemblies

Our extremely broad range of Rolling Track Assemblies for showcases, cabinets, and pass-thrus gives installers unlimited options to fit their needs.

• Track Assemblies for All Types of Applications

CRL Rolling Track Assemblies have a reputation for durability and dependability, and have been installed in retail stores, schools, medical offices, commercial offices, hospitality as well as residential applications such as curio cabinets, gun cases, and entertainment centers.

• Integrated Options and Accessories

Each and every component of our Rolling Track Assemblies has been designed for ease of assembly and smooth operation. They are built to work with our extensive selection of locks, pulls, knobs, and wheel assemblies, which are stocked in all of CRL's regional service centers.

Component Options for Fabricating CRL Track Assemblies
Go to crlaurence.com/track-assemblies for Our Full Selection

MORE CHOICES crlaurence.com

Upper Channels
(See page GG136)



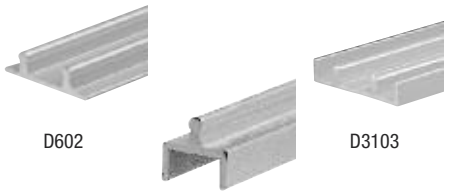
D603 D614 D618



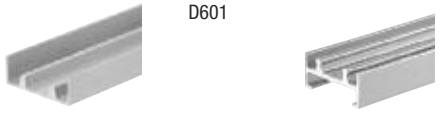
D613 D609 D611

Select from shallow or deep pocket, single or double, lined or unlined, then match with a CRL Lower Track

Lower Tracks
(See page GG139)



D602 D601 D3103



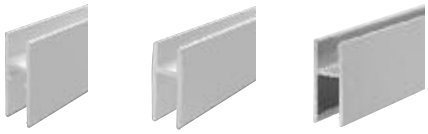
D594 D592

Available in many sizes and styles for recessed or surface mounted installations

H-Bar
(See page GG137)



D610 S710 DV146



LK610 D5610 MC610

Choose from standard type H-Bar or one that provides built-in security

Locks
(See pages GG129-GG135)



2040 KV965 267



D802 0911 TDK7A

CRL has a large selection of Ratchet Locks and Plunger Locks for sliding glass doors

Pulls and Knobs
(See pages GG118-GG119, GG128)



FP86 FP48 D643



EP19 KV836

Choose from acrylic, polished metal or aluminum Pulls and Knobs to match the finish of your showcase or cabinet doors

Wheel Assemblies and Guides
(See pages GG140-GG141)



D649 D650 DV147



D652 D655 TA20

CRL Wheel Assemblies and Guides will provide years of quiet, smooth operating, and reliable service

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Deluxe Pre-Cut Track Assemblies

- Available in Three Convenient Pre-Cut Lengths
- Satin Anodized and Brushed Nickel Finishes



The CRL Deluxe Track Assembly is available in three pre-cut, easy to install lengths. These 36", 48", and 72" (914, 1219, and 1829 mm) assemblies are the perfect solution for your custom project. Cut-to-length extrusions save you installation time and minimize material loss. The H-Bar is cut to permit a 1-1/2" (38.1 mm) overlap. The combination Lower Channel matches the design of the Upper Channel.

CRL Cat. No. D332 End Caps for H-Bar Extrusion can be purchased separately. For dry glazing with 1/4" (6 mm) glass use Cat. No. GC728C Vinyl (sold separately). CRL also has a large selection of Locks available to secure the sliding doors. Please refer to pages GG129-GG135 for CRL Ratchet and Plunger Type Locks.
NOTE: Maximum suggested panel size is 36" W x 48" H (914 x 1219 mm).

CAT. NO.	LENGTH	FINISH
D2301A36	36" (914 mm)	Satin Anodized
D2301BN36	36" (914 mm)	Brushed Nickel
D2301A48	48" (1219 mm)	Satin Anodized
D2301BN48	48" (1219 mm)	Brushed Nickel
D2301A72	72" (1829 mm)	Satin Anodized
D2301BN72	72" (1829 mm)	Brushed Nickel

Minimum order: 1 each. Sizes can be combined for quantity pricing.



General Glass Cutting Guidelines
Glass Height = Opening Height Minus 1-3/8" (35 mm)

CRL Deluxe Rolling Track Assemblies

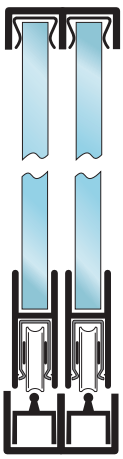
- 12 Ft (3.66 m) Length
- Designed for Quick and Easy Installation
- Available in Up to Six Stock Finishes

MORE CHOICES crlaurence.com



CRL's 12 foot (3.66 m) Deluxe Rolling Track Assemblies are among our most popular systems, and you will find them to be user very friendly and trouble-free. CRL also has a large selection of Locks available to secure the sliding doors. Please refer to pages GG129-GG135 for CRL Ratchet and Plunger Type Locks. For dry glazing with 1/4" (6 mm) glass use Cat. No. GC728C Vinyl (sold separately).
NOTE: Maximum suggested panel size is 36" W x 48" H (914 x 1219 mm).

D2301 Series





CAT. NO. D603
Upper Channel (1)



CAT. NO. D610
H-Bar (2)



CAT. NO. D601
Insert Rails (2)



CAT. NO. D603
Lower Channel (1)



CAT. NO. D652
Top Guides

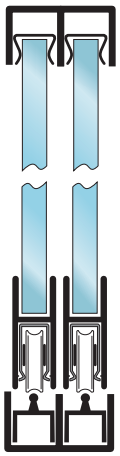


CAT. NO. D650
Nylon Wheels

CAT. NO. WITH D650 NYLON WHEELS	CAT. NO. WITH D649 BALL BEARING WHEELS	LENGTH	FINISH
D2301A	D2301ABB	12' (3.66 m)	Satin Anodized
D2301DU	D2301DUBB	12' (3.66 m)	Duranodic Bronze

Minimum order: 1 each. General Glass Cutting Guidelines: Glass Height = Opening Height Minus 1-3/8" (35 mm). All Track Assemblies can be combined for quantity pricing. Track Assemblies longer than 98" (2.49 m) cannot be shipped UPS. They must ship common carrier, or can be picked up at Will Call in all CRL locations.

D2307 Series





CAT. NO. D613
Deep Upper Channel (1)



CAT. NO. D610
H-Bar (2)



CAT. NO. D601
Insert Rail (2)



CAT. NO. D603
Lower Channel (1)



CAT. NO. D652
Top Guides



CAT. NO. D650
Nylon Wheels

CAT. NO. WITH D650 NYLON WHEELS	CAT. NO. WITH D649 BALL BEARING WHEELS	LENGTH	FINISH
D2307A	D2307ABB	12' (3.66 m)	Satin Anodized
D2307DU	D2307DUBB	12' (3.66 m)	Duranodic Bronze

Minimum order: 1 each. General Glass Cutting Guidelines: Glass Height = Opening Height Minus 1-3/8" (35 mm). All Track Assemblies can be combined for quantity pricing. Track Assemblies longer than 98" (2.49 m) cannot be shipped UPS. They must ship common carrier, or can be picked up at Will Call in all CRL locations.

CRL Low Profile Pre-Cut Track Assemblies

- **Available in Three Convenient Pre-Cut Lengths**
- **Satin Anodized and Brushed Nickel Finishes**

USE MONOLITHIC TEMPERED GLASS

These Low Profile are Track Assemblies available in three popular pre-cut lengths, and are the most efficient way to purchase track systems for your pass-thrus since they minimize waste of materials.

All the Track Assembly components you require are packed in a convenient shipping tube. They are easy to install. The two pieces of H-Bar for the bypassing doors have a 1-1/2" (38.1 mm) overlap. CRL Cat. No. D332 End Caps for the H-Bar can be purchased separately. For dry glazing with 1/4" (6 mm) glass use Cat. No. GC728C Vinyl (sold separately). To provide security, refer to the large selection of CRL Ratchet and Plunger Type Locks on pages GG129-GG135. **NOTE:** Maximum suggested panel size is 36" W x 48" H (914 x 1219 mm).

CAT. NO.	LENGTH	FINISH
D2203A36	36" (914 mm)	Satin Anodized
D2203BN36	36" (914 mm)	Brushed Nickel
D2203A48	48" (1219 mm)	Satin Anodized
D2203BN48	48" (1219 mm)	Brushed Nickel
D2203A72	72" (1829 mm)	Satin Anodized
D2203BN72	72" (1829 mm)	Brushed Nickel

Minimum order: 1 each. Sizes can be combined for quantity pricing.



General Glass Cutting Guidelines
Glass Height = Opening Height Minus 1-1/8" (28.6 mm)

CRL Low Profile Rolling Track Assemblies

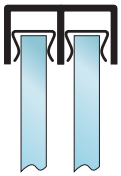
- **12 Ft (3.66 m) Length**
- **Choose From Two Styles of Upper Channel**
- **Available in Up to Six Finishes**

MORE CHOICES crlaurence.com

USE MONOLITHIC TEMPERED GLASS

CRL's 12 foot (3.66 m) Low Profile Rolling Track Assemblies are packaged to contain the Extrusions, Wheels, and Guides you will need to complete your custom project. Choose from either Nylon or Steel Ball Bearing Wheel Assemblies for years of smooth and reliable service. For optional locking hardware see pages GG129-GG135. For dry glazing with 1/4" (6 mm) glass use Cat. No. GC728C Vinyl (sold separately).
NOTE: Maximum suggested panel size is 36" W x 48" H (914 x 1219 mm).

D2203 Series





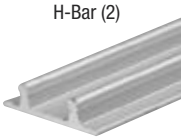
CAT. NO. D603
Upper Channel (1)



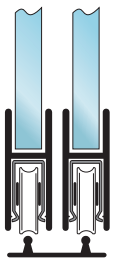
CAT. NO. D610
H-Bar (2)



CAT. NO. D652
Top Guides



CAT. NO. D602
Lower Rail (1)





-OR-



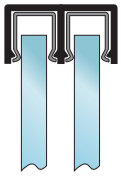
CAT. NO. D650
Nylon Wheels

CAT. NO. D649
Steel Ball Bearing Wheels

CAT. NO. WITH D650 NYLON WHEELS	CAT. NO. WITH D649 BALL BEARING WHEELS	LENGTH	FINISH
D2203A	D2203ABB	12' (3.66 m)	Satin Anodized
D2203DU	D2203DUBB	12' (3.66 m)	Duranodic Bronze

Minimum order: 1 each. General Glass Cutting Guidelines: Glass Height = Opening Height Minus 1-3/8" (35 mm). All Track Assemblies can be combined for quantity pricing. Track Assemblies longer than 98" (2.49 m) cannot be shipped UPS. They must ship common carrier, or can be picked up at Will Call in all CRL locations.

D2204 Series



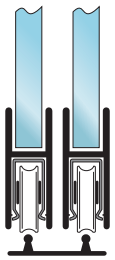
CAT. NO. D609
Upper Channel (1)



CAT. NO. D610
H-Bar (2)



CAT. NO. D602
Lower Rail (1)





-OR-



CAT. NO. D650
Nylon Wheels

CAT. NO. D649
Steel Ball Bearing Wheels

CAT. NO. WITH D650 NYLON WHEELS	CAT. NO. WITH D649 BALL BEARING WHEELS	LENGTH	FINISH
D2204A	D2204ABB	12' (3.66 m)	Satin Anodized
D2204DU	D2204DUBB	12' (3.66 m)	Duranodic Bronze

Minimum order: 1 each. General Glass Cutting Guidelines: Glass Height = Opening Height Minus 1-3/8" (35 mm). All Track Assemblies can be combined for quantity pricing. Track Assemblies longer than 98" (2.49 m) cannot be shipped UPS. They must ship common carrier, or can be picked up at Will Call in all CRL locations.

CRL Continental Style Pre-Cut Security Track Assemblies

MORE INFORMATION
crlaurence.com

- Designed for 3/16" and 1/4" (5 and 6 mm) Glass
- Pre-Cut Assemblies in Three Lengths
- Satin Anodized Finish
- End Cap Lock and Anti-Lift Clip Included

CRL's Continental Style Security Track System is now available in pre-cut, ready to install assemblies that contain all the parts you will need to complete your showcase project. The Continental Track Assembly has a uniquely designed Anti-Lift Clip that prevents removal of the showcase doors when they are in the locked position. This Track Assembly is well designed, efficient, and attractive. These 36", 48", and 72" (914, 1219, and 1829 mm) satin anodized assemblies not only save fabrication labor, but also are more economical due to minimized material waste. CRL End Caps for H-Bar, Cat. No. DV148CH, can be ordered separately (see page GG138).
NOTE: Maximum suggested panel size is 36" W x 48" H (914 x 1219 mm).



Continental Security Showcase Track Assembly shown with Anti-Lift Clip installed

CAT. NO.	LENGTH	FINISH
CTA36A	36" (914 mm)	Satin Anodized
CTA48A	48" (1219 mm)	Satin Anodized
CTA72A	72" (1829 mm)	Satin Anodized

Minimum order: 1 each. Sizes can be combined for quantity pricing.



General Glass Cutting Guidelines
Glass Height = Opening Height Minus 1-1/8" (28.6 mm)

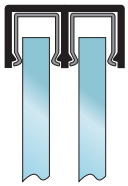
CRL Continental Style Security Rolling Track Assemblies

- 12 Ft (3.66 m) Length
- Perfect When Security is Required for Showcases
- Ready for You to Cut to Size
- End Cap Lock and Anti-Lift Clip Sold Separately

CRL's Continental Series Security Rolling Track Assembly components are conveniently boxed for ease of handling and include 12' (3.66 m) lengths of Upper Channel, Lower Rail, H-Bar, and 12 Wheel Assemblies. The extrusions for this popular Track Assembly can be cut to the size of your custom showcase or cabinet. Cat. No. 0681 Series End Cap Locks and Cat. No. 6306 Anti-Lift Clips are sold separately, and are necessary components to make this track assembly secure. CRL DV144C or DV144M Glazing Vinyl (see page GG141) provides a professional finished appearance, and must be ordered separately.
NOTE: Maximum suggested panel size is 36" W x 48" H (914 x 1219 mm).

CAT. NO.	LENGTH	FINISH
CTA00A	12' (3.66 m)	Satin Anodized

Minimum order: 1 each. General Glass Cutting Guidelines: Glass Height = Opening Height Minus 1-3/8" (35 mm). All Track Assemblies can be combined for quantity pricing. Track Assemblies longer than 98" (2.49 m) cannot be shipped UPS. They must ship common carrier, or can be picked up at Will Call in all CRL locations.





CAT. NO. DV144C
Glazing Vinyl



CAT. NO. D609A
Upper Channel (1)





CAT. NO. DV146A
H-Bar (2)



CAT. NO. D602A
Lower Rail (1)



CAT. NO. 6306
Anti-Lift Clip
(Sold Separately)



CAT. NO. 0681SC
End Cap Lock
(Sold Separately)



CAT. NO. DV147
Nylon Wheel Assembly

CRL Security Anti-Lift Pre-Cut Track Assemblies

USE MONOLITHIC TEMPERED GLASS

- **These Pre-Cut Assemblies are a CRL Exclusive**
- **Anti-Lift H-Bar and Lower Track Provide an Extra Measure of Security**

C.R. Laurence supplies Security Anti-Lift Aluminum Extrusions for the fabrication of Sliding Track Assemblies used in display showcases. They incorporate a design that prevents lift-out, an extra measure of security when used with typical Upper Channel and Ratchet or Plunger Type Locks (see pages GG129-GG135). You can use them with 3/16" to 1/4" (5 to 6 mm) thick glass, and they are no more difficult to install than normal, less secure track assemblies.

For your convenience, CRL has provided ready-to-install Security Track Assemblies in pre-cut lengths of 36", 48", and 72" (914, 1219, and 1829 mm). These assemblies reduce your labor, minimize excess material, and are shipped to you ready to install, with all the required components included. CRL Cat. No. TA30 End Caps for use with Cat. No. S710A Security H-Bar can be ordered separately (see page GG138). **NOTE:** Maximum suggested panel size is 36" W x 48" H (914 x 1219 mm).



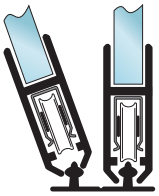
General Glass Cutting Guidelines
Glass Height = Opening Height Minus 1-3/8" (35 mm)

CAT. NO.	LENGTH	FINISH
S710A36	36" (914 mm)	Satin Anodized
S710A48	48" (1219 mm)	Satin Anodized
S710A72	72" (1829 mm)	Satin Anodized

Minimum order: 1 each. Sizes can be combined for quantity pricing.

MORE INFORMATION crlaurence.com







How it Works:

The Security H-Bar can only be installed on the Security Lower Rails by tilting the sliding panel at a 70 degree angle, lifting the Ball Bearing Wheel Assembly on to the Lower Rail, then pushing the sliding panel to a full 90 degrees vertical. This must be done before you mount the Upper Double Channel permanently in the opening.

The Result:

The bottom of the Security H-Bar is shaped so that it cannot be lifted off the specially designed Lower Rails and into the Upper Channel once it has been permanently mounted. This is the basis of this simple, yet effective design.

CRL Security Anti-Lift Rolling Track Assembly

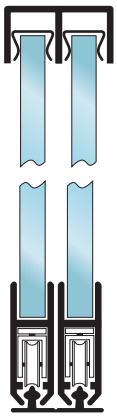
USE MONOLITHIC TEMPERED GLASS

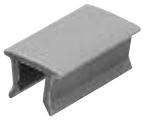
- **12 Ft (3.66 m) Length**
- **Track Extrusions Provide Security and Smooth Operation**

CRL's Security Anti-Lift Rolling Track Assembly includes 12' (3.66 m) lengths of Upper Channel, H-Bar, and Lower Rail, plus Wheel Assemblies and Top Guides. The extrusions for this very popular Track Assembly can be cut to the size of your showcase or cabinet opening. Cat. No. TA11 End Cap Locks (see right), TA30 End Caps (see page GG138), and Cat. No. SDV732 Glazing Vinyl (see page GG141) are components that can all be ordered separately, and will enhance the efficiency and effectiveness of your SecurityTrack Assembly.

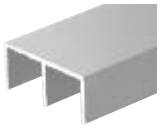
CAT. NO.	LENGTH	FINISH
S700A	12' (3.66 m)	Satin Anodized

Minimum order: 1 each. General Glass Cutting Guidelines: Glass Height = Opening Height Minus 1-3/8" (35 mm). All Track Assemblies can be combined for quantity pricing. Track Assemblies longer than 98" (2.49 m) cannot be shipped UPS. They must ship common carrier, or can be picked up at Will Call in all CRL locations.





CAT. NO. D652
Top Guides



CAT. NO. D603A
Upper Double Channel (1)



CAT. NO. S710A
Security H-Bar (2)



CAT. NO. S702A
Security Lower Rail (1)



CAT. NO. TA11
Optional End Cap Lock



CAT. NO. SDV732
Glazing Vinyl



CAT. NO. TA20
Wheel Assembly (4)

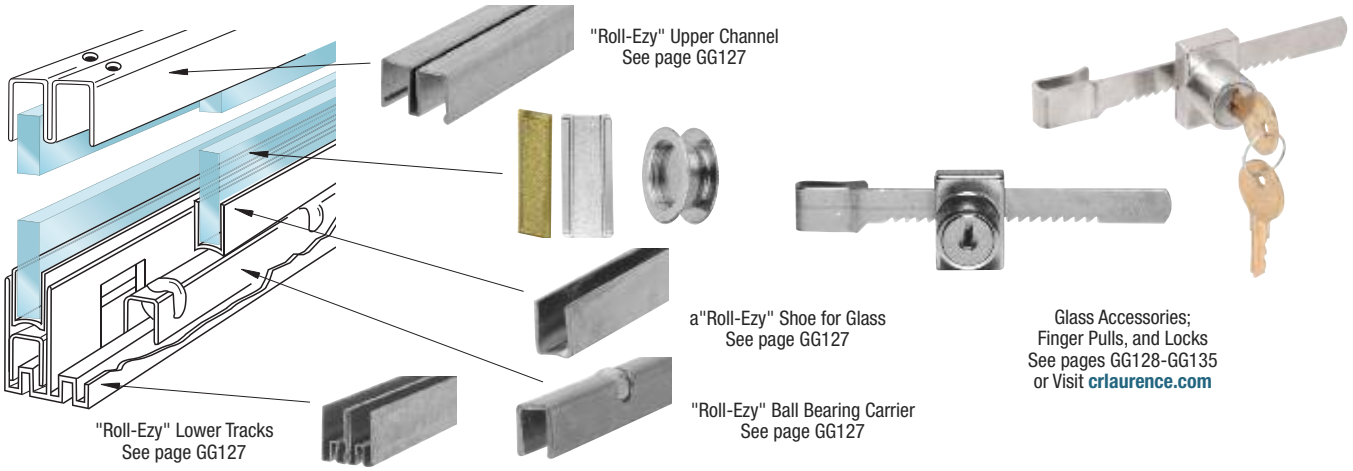
CRL "Roll-Ezy" Steel Track Assemblies and Components for Larger Glass Doors

MORE INFORMATION crlaurence.com

USE MONOLITHIC TEMPERED GLASS

- Zinc Plated Steel Assembly With a Maximum Weight Capacity of 50 Pounds (22.7 kg) per Linear Foot
- Ideal for Larger Door Installations Such as Display, Gun or Trophy Cases
- Intended for Use With 1/4" (6 mm) Glass

CRL "Roll-Ezy" Track Assemblies allow you to customize larger sliding door assemblies to your individual needs. Made from zinc plated steel, these Assemblies are strong enough to handle loads of up to 50 pounds (22.7 kg) per linear foot. The Double Track Assemblies come in 12 foot (3.66 m) stock lengths, and they are also available in pre-cut Kits in lengths of 36", 48", 60", and 72" (914, 1219, 1524, and 1829 mm) for your convenience. CRL also has all the accessories required to complete a project, from the security locks to finger pulls. See the following pages for the complete selection.



CRL Pre-Cut to Size Steel Double Track Assemblies for Bypassing Doors

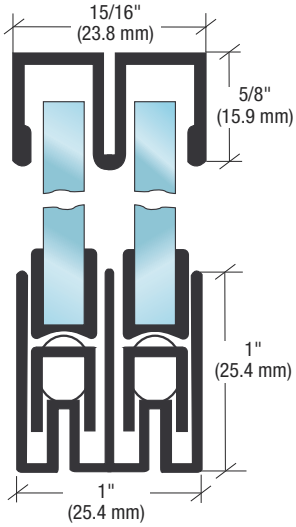
- Zinc Plated Steel Assemblies for Use With 1/4" (6 mm) Glass
- Pre-Cut for Your Convenience
- Easy to Install

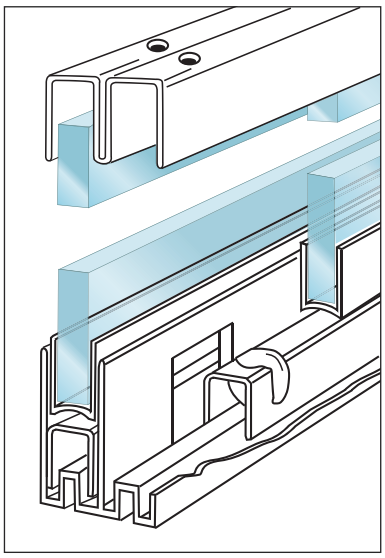
USE MONOLITHIC TEMPERED GLASS

This CRL "Roll-Ezy" Ball Bearing Track Assembly is ideal for installations with bypassing doors. The assembly is easy to install, and once installation is complete the doors roll smoothly with frictionless ball-bearing operation. The design of the assembly is such that it can be cut down to fit the opening.

The assembly is designed for use with 1/4" (6 mm) glass, and is available in four pre-cut sizes for your convenience and to eliminate waste.

Pre-Cut Assemblies include: one piece of KV993 Upper Channel, two pieces of KV995 Shoe for Glass, two pieces of KV997 Ball Bearing Carrier, and one piece of KV999 Lower Track. Cut glass 1-1/4" (32 mm) shorter than height of opening, and allow 1" (25 mm) overlap for doors. **NOTE:** Each sliding panel height not to exceed 2-1/2 times width.





For individual 12 Foot (3.66 m) stock lengths see page GG127.

CAT. NO.	LENGTH	FINISH
KV99236	36" (914 mm)	Zinc Plated Steel
KV99248	48" (1219 mm)	Zinc Plated Steel
KV99260	60" (1524 mm)	Zinc Plated Steel
KV99272	72" (1829 mm)	Zinc Plated Steel

Minimum order: 1 each. Sizes can be combined for quantity pricing.



CAT. NO. KV993
Double Upper Channel



CAT. NO. KV995
Shoe for Glass



CAT. NO. KV997
Ball Bearing Carrier



CAT. NO. KV999
Double Lower Track

CRL Steel Double Track Assembly for By-Passing Doors

- Zinc Plated Steel Components Designed for 1/4" (6 mm) Thick Large Glass Doors
- Cut to Your Own Length
- Easy to Install

This CRL "Roll-Ezy" Ball Bearing Track Assembly is ideal for installations with large by-passing doors. The design of the Assembly is such that it can be cut down to fit the opening. Go to crlaurence.com for fabrication formulas and details.

Assembly includes one 12' (3.66 m) length of each steel component: KV993, KV995, KV997, KV999, and one 6' (1.83 m) length of 997KV6.

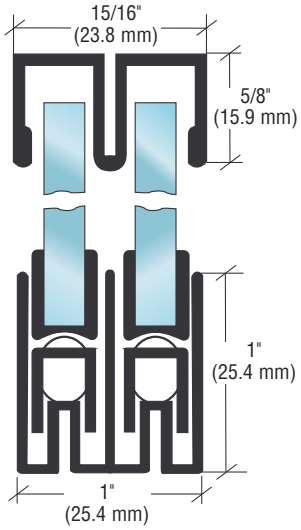
Triple door applications can be accommodated with a combination of our Cat. No. KV992 Double Track and KV892 Single Track Assemblies.

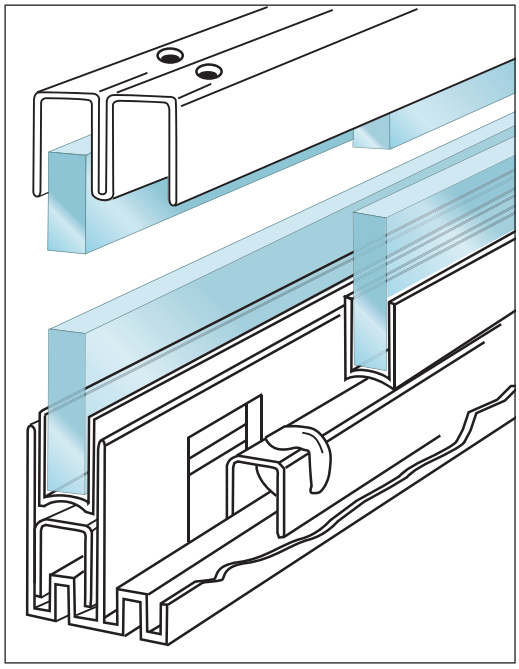
For assistance with Track for Heavy Glass Doors contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7760.

CAT. NO.	LENGTH	FINISH
KV992144	12'- 0" (3.66 m)	Zinc Plated Steel

Minimum order: 1 each. Sizes can be combined for quantity pricing.







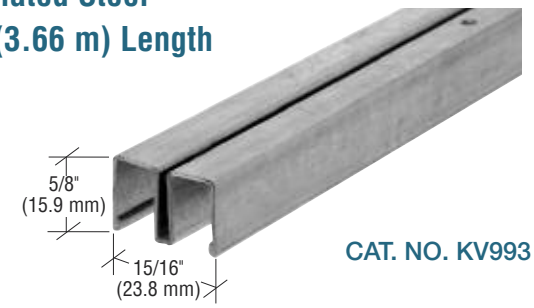
NOTE: Each sliding panel height not to exceed 2-1/2 times width.

CRL 12 Foot Steel Track Components

MORE INFORMATION crlaurence.com

CRL Roll-Ezy Double Upper Channel

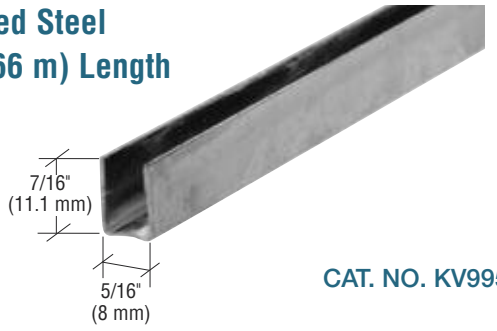
- Zinc Plated Steel
- 12 Ft (3.66 m) Length



CAT. NO. KV993

CRL Roll-Ezy Shoe for Glass Doors

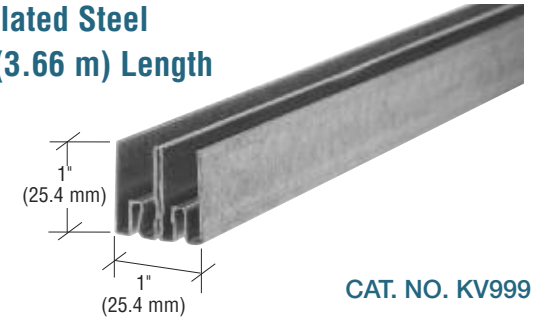
- Zinc Plated Steel
- 12 Ft (3.66 m) Length



CAT. NO. KV995

CRL Roll-Ezy Double Lower Track

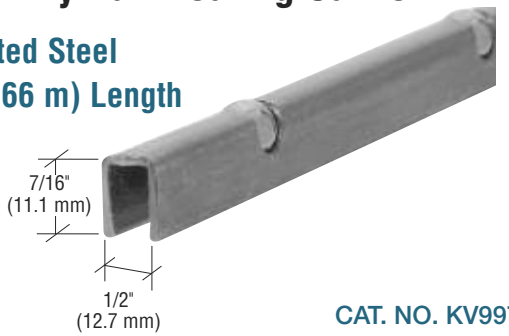
- Zinc Plated Steel
- 12 Ft (3.66 m) Length



CAT. NO. KV999

CRL Roll-Ezy Ball Bearing Carrier

- Zinc Plated Steel
- 12 Ft (3.66 m) Length

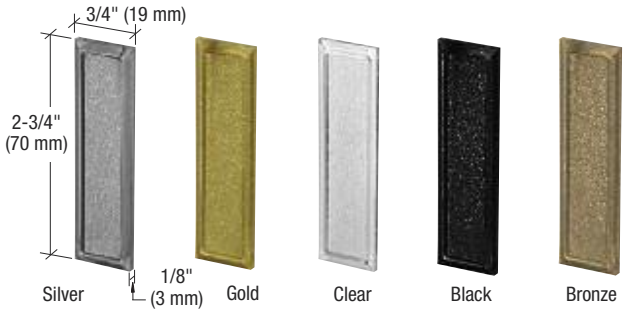


CAT. NO. KV997

Minimum order: 1 stock length. All Roll-Ezy Track can be combined for quantity pricing. Must ship common carrier. A Packing Charge will be added to orders of fewer than five combined lengths.

CRL Stick-On Finger Pulls

- Our Best-Selling Finger Pulls
- Easy to Install, Just Peel and Stick



CAT. NO.	CAT. NO. BULK PACK OF 100	FINISH
FP86	FP86BX	Silver
FP87	FP87BX	Gold
FP88	FP88BX	Clear
FP89	FP89BX	Black
FP90	FP90BX	Bronze

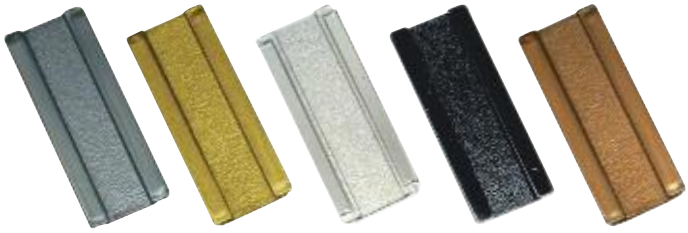
Minimum order: 1 each. Finishes can be combined for quantity pricing. Minimum order for bulk pulls: 1 pack.

CRL Raised Lip Finger Pull

- Recessed Design for Easy Use
- Stick-On Application



1" (25 mm) wide x 2-1/2" (64 mm) long x 1/8" (3 mm) Thick

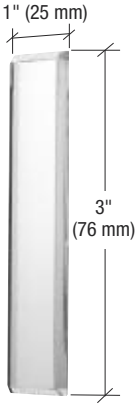


CAT. NO.	FINISH
FP46	Silver
FP47	Gold
FP48	Clear
FP49	Black
FP50	Bronze

Minimum order: 1 each. Finishes can be combined for quantity pricing. Minimum order for bulk pulls: 1 pack.

CRL Acrylic Mirror Stick-On Finger Pull

- Ideal for Sliding Wardrobe or Mirror Cabinet Doors
- Stick-On Application
- Blends With Mirror Doors



CAT. NO. MFPC8
Minimum order: 1 each.

CRL Threaded Finger Pulls

- Easy to Install in Glass From 1/4" to 5/16" (6 to 8 mm) Thick
- Requires a 7/8" (22 mm) Diameter Hole
- Anochrome Finish





CAT. NO. KV836
Minimum order: 1 each.

CRL End Cap Finger Pull for DV146 H-Bar

- Easy to Install - No Drilling Required



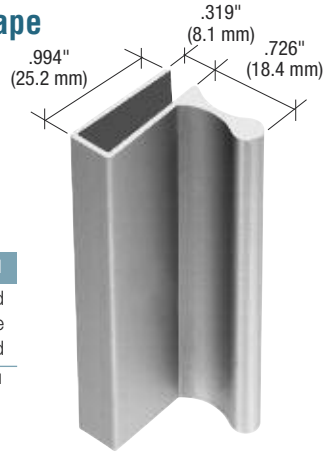
CAT. NO.	FINISH
8575SBR	Satin Brass
8575SCH	Satin Chrome
8575CH	Chrome

Minimum order: 1 each. Finishes can be combined for quantity pricing. Works only with out DV146 H-Bar (see page GG137)

CRL Extruded Aluminum Pulls

- Easy to Install 12' (3.66 m) Length You Cut to Required Size
- For 1/4" (6 mm) Thick Doors
- Press Fit Using Tuff-Pak Tape (see page AU078)

MORE INFORMATION
crlaurence.com

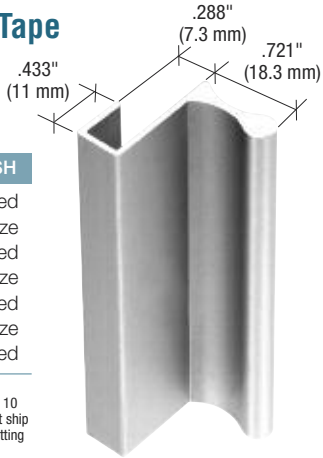


CAT. NO.	LENGTH	FINISH
D639A	12' (3.66 m)	Satin Anodized
D639DU	12' (3.66 m)	Duranodic Bronze
D639GA	12' (3.66 m)	Gold Anodized

Minimum order: 1 each. All finishes and shapes can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than 10 combined lengths. Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for U.P.S. A Cutting Charge will apply.

CRL Extruded Aluminum Pulls

- Available Cut to Size or in Full 12' (3.66 m) Lengths
- For 1/4" (6 mm) Thick Doors
- Press Fit Using Tuff-Pak Tape (see page AU078)



CAT. NO.	LENGTH	FINISH
D643A	3" (76 mm)	Satin Anodized
D643DU	3" (76 mm)	Duranodic Bronze
D646A	6" (152 mm)	Satin Anodized
D646DU	6" (152 mm)	Duranodic Bronze
D640A	12' (3.66 m)	Satin Anodized
D640DU	12' (3.66 m)	Duranodic Bronze
D640GA	12' (3.66 m)	Gold Anodized

Minimum order: 1 each. Finishes can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than 10 combined lengths. Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for U.P.S. A Cutting Charge will apply.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL Locks for Showcases and Cabinets

MORE CHOICES crlaurence.com

- **The Largest Variety**

From economy styles to deluxe models, these Locks are well designed, functional, and easy to install. Every showcase needs security, especially in a high traffic retail environment, and CRL provides every type of Lock option you will need to satisfy your customer's requirements. For our full selection of Glass Door Locks go to **crlaurence.com/locks**.

CRL Sliding Glass Door Lock

- **Special Screw-On Ratchet Bar to Hold Lock Onto 1/4" (6 mm) Thick Glass**

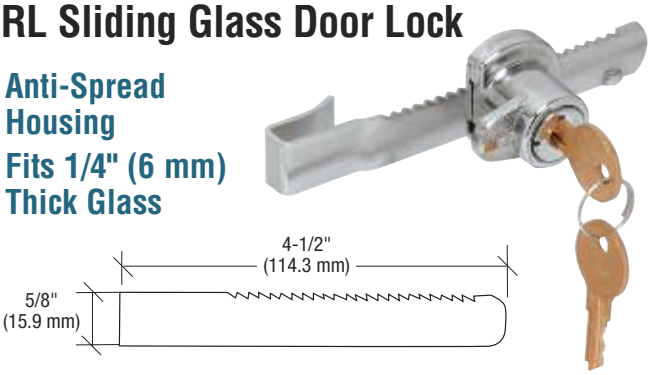


CAT. NO. RANDOM KEYS	CAT. NO. KEYED ALIKE	FINISH
2040	2040KA	Chrome
2045	2045KA	Brass
2040KEY*	2040KEY*	Replacement Key

Minimum order: 1 each. Finishes can be combined for quantity pricing.
***NOTE:** Specify key number when placing order for replacement key.

CRL Sliding Glass Door Lock

- **Anti-Spread Housing**
- **Fits 1/4" (6 mm) Thick Glass**



CAT. NO.	KEYED	FINISH
963L	Randomly	Chrome Plated

Minimum order: 1 each. All Showcase Locks can be combined for quantity pricing.

CRL Glass Showcase Lock

- **Fits Up to 5/16" (8 mm) Thick Glass Doors**

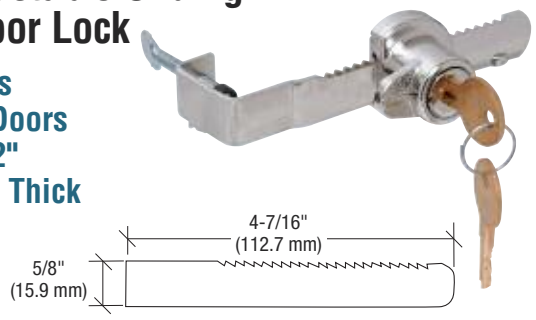


CAT. NO.	KEYED	FINISH
220CHKA	Alike	Chrome

Minimum order: 1 each. All Showcase Locks can be combined for quanitity pricing.

CRL Adjustable Sliding Glass Door Lock

- **For Glass Sliding Doors Up to 1/2" (12 mm) Thick**

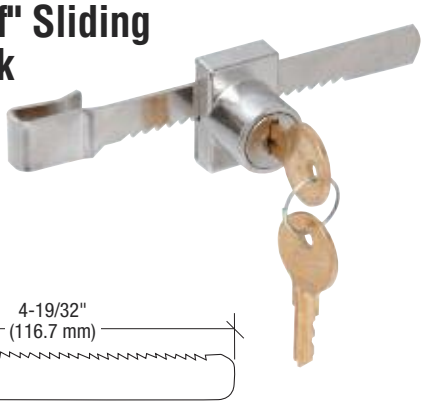


CAT. NO.	KEYED	FINISH
962L	Randomly	Chrome Plated

Minimum order: 1 each. All Showcase Locks can be combined for quantity pricing.

CRL "Pick-Proof" Sliding Glass Door Lock

- **"Pick-Proof" Cylinder**
- **Fits 1/4" (6 mm) Thick Glass**



CAT. NO.	KEYED	FINISH
KV965	Randomly	Chrome Plated

Minimum order: 1 each. All Showcase Locks can be combined for quantity pricing.

CRL Stick-On Showcase Lock

- **Sticks to Glass**
- **Fits Up to 3/8" (10 mm) Thick Glass**



CAT. NO. RANDOM KEYS	CAT. NO. KEYED ALIKE	FINISH
TDK7A	TDK7AKA	Aluminum
TDK7DU	TDK7DUKA	Duranodic Bronze
TDK7GA	TDK7GAKA	Gold Anodized

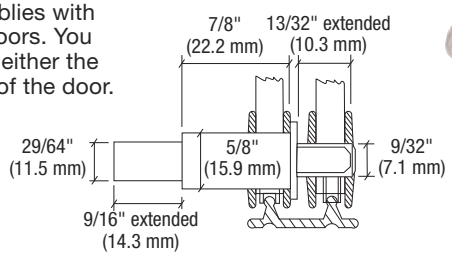
Minimum order: 1 each. All Showcase Locks can be combined for quantity pricing.

CRL Track Plunger Lock

• Spring Activated Plunger Locks Without Key

The CRL Chrome Track Plunger Lock installs easily in track assemblies with sliding glass doors. You can install it in either the top or bottom of the door.





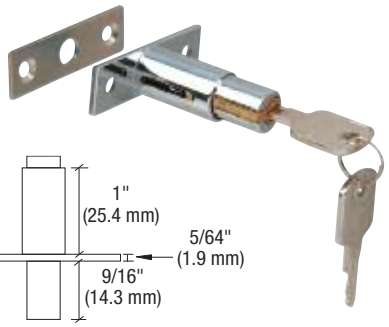
CAT. NO.	KEYED	FINISH
981	Alike	Chrome

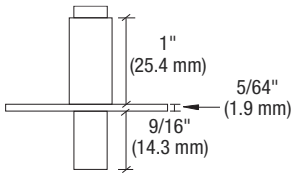
Minimum order: 1 each. All Showcase Locks can be combined for quantity pricing.
Requires 5/8" (16 mm) diameter barrel hole and 3/8" (10 mm) ferrule hole.

CRL Deluxe Plunger Lock

• "Slim-Line" Profile

The slim profile of the Lock simplifies installation. If it is used with our LK610 or KK610 H-Bar no notching of the glass is required.





CAT. NO.	KEYED	FINISH
267BN	Randomly	Nickel Plated
267CH	Randomly	Chrome Plated
267GP	Randomly	Gold Plated

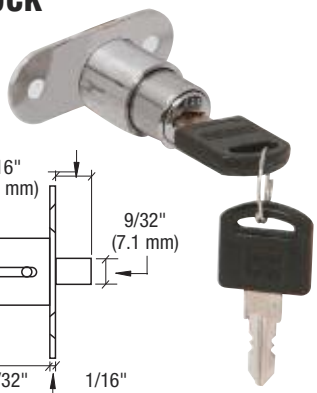
Minimum order: 1 each. All Showcase Locks can be combined for quantity pricing.
Requires 9/16" (15 mm) diameter barrel hole and 5/16" (8 mm) plunger hole.

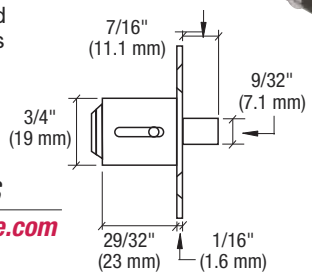
CRL Track Plunger Lock

• No Need to Drill a Hole in Glass

The spring-activated design permits keyless locking by simply pushing the plunger. Lock comes complete with two brass keys.

MORE CHOICES
crlaurence.com





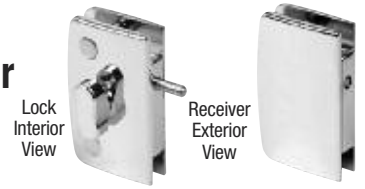
CAT. NO. RANDOM KEYS	CAT. NO. KEYED ALIKE	FINISH
LK54	LK54KA	Nickel Plated
LK55	LK55KA	Brushed Nickel

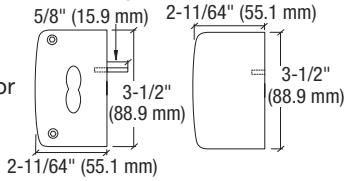
Minimum order: 1 each. All Showcase Locks can be combined for quantity pricing.
Requires 13/16" (20 mm) diameter barrel hole and 5/16" (8 mm) plunger hole.

CRL Glass Door Lock and Receiver

• For 5/16" to 1/2" (8 to 12 mm) Thick Glass

A turn of the thumbturn on the interior side of the Lock changes the color of the exterior indicator. Emergency access is made possible by a low profile screw on the exterior face.





LOCK CAT. NO.	RECEIVER CAT. NO.	FINISH
700CCH	701CCH	Chrome
700CBR	701CBR	Brass
700CBN	701CBN	Brushed Nickel
700C0RB	701C0RB	Oil Rubbed Bronze
700CABR	701CABR	Antique Brass

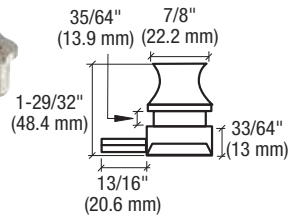
Minimum order: 1 each. Requires Glass Notch and Cutout.

CRL Plunger Lock for 3/8" Glass

• Complete With Matching Finish Plated Keeper

Locks come complete with two brass keys, four washers, and a keeper. Customers needing extra blank keys can order Cat. No. LKEY.





CAT. NO. RANDOM KEYS	CAT. NO. KEYED ALIKE	FINISH
LK338	LK338KA	Chrome
LK340	LK340KA	Gold Plated

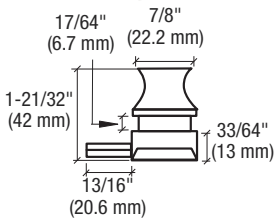
Minimum order: 1 each. All Showcase Locks can be combined for quantity pricing. Requires 1" (25 mm) diameter hole.

CRL Glass Door Cylinder Lock

• For 1/4" (6 mm) Thick Glass

Locks come complete with two brass keys, four washers, and a keeper. Customers needing extra blank keys can order Cat. No. LKEY.





CAT. NO. RANDOM KEYS	CAT. NO. KEYED ALIKE	FINISH
LK38	LK38KA	Chrome
LK40	LK40KA	Gold Plated

Minimum order: 1 each. All Showcase Locks can be combined for quantity pricing. Requires 1" (25 mm) diameter hole.

NOTE: Many more glass door locks are available at **crlaurence.com/locks**.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

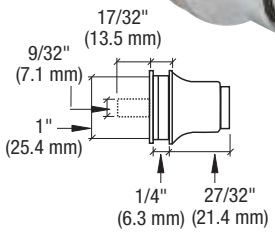
CRL US ALUMINUM

CRL Cabinet Glass Door Lock

- **Works in Cabinets With Bypassing Doors Up to 1/4" (6 mm) Thick**



The plunger can be activated without the key, so it takes only seconds to secure the doors.



CAT. NO. RANDOM KEYS	CAT. NO. KEYED ALIKE	FINISH
LK50	LK50KA	Chrome
LK52	LK52KA	Brass

Minimum order: 1 each. All Showcase Locks can be combined for quantity pricing. Requires 1" (25 mm) diameter hole.

CRL Through-Glass Plunger Lock

- **For 3/16" or 1/4" (5 or 6 mm) Swinging Glass Doors**



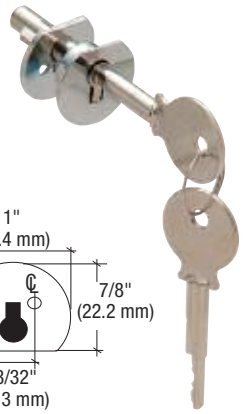
CRL's Through-Glass Plunger Lock will work on swinging doors. A black plastic "press-in keeper" is included, acting as a glass stop and pin receptacle.

CAT. NO. RANDOM KEYS	CAT. NO. KEYED ALIKE	FINISH
0910CH	0910CHKA	Chrome
0910BC	0910BCKA	Black Chrome
0910BR	0910BRKA	Brass

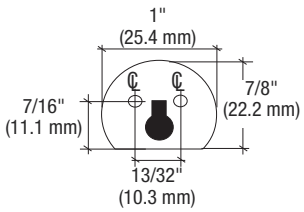
Minimum order: 1 each. Finishes can be combined for quantity pricing. Requires 1" (25 mm) diameter hole.

CRL Universal Plunger Lock

- **For Glass or Wood Doors 1/4" to 1/2" (6 to 12 mm) Thick**



The CRL Universal Plunger Lock is ideal for use in glass, masonite or wood showcase and cabinet doors.

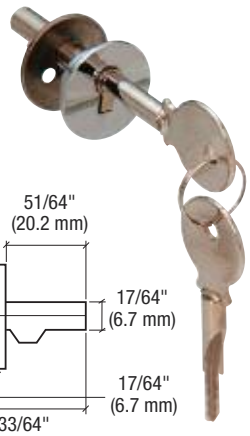


CAT. NO. RANDOM KEYS	CAT. NO. KEYED ALIKE	FINISH
D802C	D802CKA	Chrome
D802BR	---	Brass
D802DU	---	Duranodic Bronze

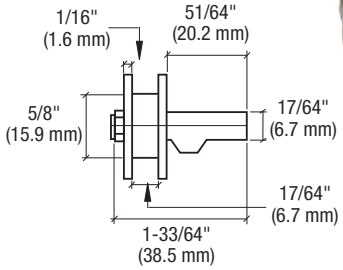
Minimum order: 1 each. All Showcase Locks can be combined for quantity pricing. Requires 11/16" (17 mm) diameter hole.

CRL Sliding Glass Door Lock

- **Fits Up to 1/4" (6 mm) Thick Glass**



The low profile design is favored for showcases where the appearance of locking hardware may be distracting, but security is important.



CAT. NO. RANDOM KEYS	CAT. NO. KEYED ALIKE	FINISH
LK16	LK16KA	Chrome

Minimum order: 1 each. Finishes can be combined for quantity pricing. Requires 11/16" (17 mm) diameter hole.

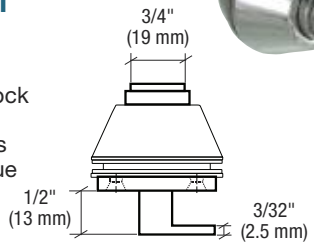
CRL Sliding Door Lock

NEW!

- **For 1/4" (6 mm) Glass Thick**
- **1/2" (12 mm) Long Plunger With "L" Return**
- **Top Security**



This Sliding Door Lock prevents spreading of glass panels to bypass the lock with the unique "L" shaped plunger. Includes two keys.



CAT. NO.	KEYED	FINISH
LK87C	Randomly	Satin Chrome

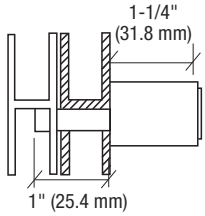
Minimum order: 1 each. All Showcase Locks can be combined for quantity pricing. Requires 1-1/4" (32 mm) diameter hole.

CRL Sliding Door Lock

- **1" (25 mm) Long Plunger Fits All H-Bar Extrusions**



This CRL Sliding Door Lock requires a 5/16" (8 mm) diameter hole, making it easy to install without notching the glass. **NOTE:** B2KEY is the blank key for this lock.



CAT. NO. RANDOM KEYS	CAT. NO. KEYED ALIKE	FINISH
0911BC	0911BCKA	Black Chrome
0911SC	0911SCKA	Satin Chrome

Minimum order: 1 each. All Showcase Locks can be combined for quantity pricing. Requires 5/16" (8 mm) diameter plunger hole.

CRL No-Drill Showcase Lock

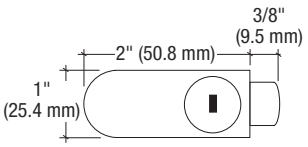
- Just Peel and Stick on Any Swinging Door



Unlock



Lock



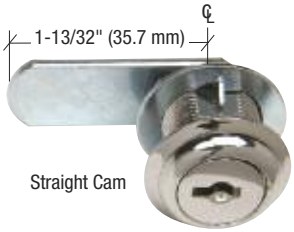
CAT. NO. RANDOM KEYS	CAT. NO. KEYED ALIKE	FINISH
255BN	---	Brushed Nickel
255BRZ	255BRZKA	Bronze
255CH	255CHKA	Chrome
255GP	255GPKA	Gold Plated

Minimum order: 1 each. All Showcase Locks can be combined for quantity pricing.

CRL Cam Lock

- Comes With Both Straight and Offset Cams





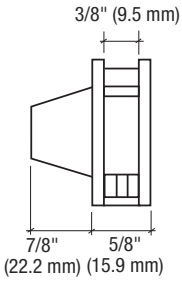
CAT. NO. RANDOM KEYS	CAT. NO. KEYED ALIKE	FINISH
D805CH	D805CHKA	Chrome
D805BN	D805BNKA	Brushed Nickel
D805BRZ	D805BRZKA	Bronze
D805GP	D805GPKA	Gold Plated

Minimum order: 1 each. All Showcase Locks can be combined for quantity pricing. Requires 3/4" (19 mm) diameter hole.

CRL Plunger Lock

- For 1/4" or 3/8" (6 or 10 mm) Thick Glass
- Supplied With Stop Plate



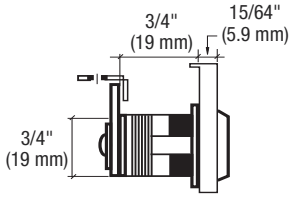


CAT. NO. RANDOM KEYS	CAT. NO. KEYED ALIKE	FINISH
EH100	EH100KA	Brass
EH102	EH102KA	Chrome

Minimum order: 1 each. All Showcase Locks can be combined for quantity pricing. Requires glass notch cut-out.

CRL Round Top Swinging Glass Door Lock

- For 1/4" (6 mm) Thick Glass Doors





MORE CHOICES
crlaurence.com

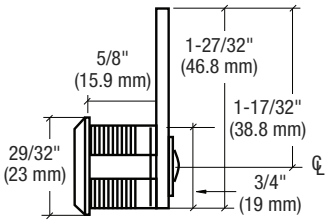
CAT. NO. RANDOM KEYS	CAT. NO. KEYED ALIKE	FINISH
LK34	LK34KA	Chrome
LK36	LK36KA	Brass

Minimum order: 1 each. All Showcase Locks can be combined for quantity pricing. Requires 3/4" (19 mm) diameter hole.

CRL L.H. and R.H. Swinging Door Lock

- For 1/4" (6 mm) Thick Glass Doors





L.H. SWINGING DOOR LOCK

CAT. NO. RANDOM KEYS	CAT. NO. KEYED ALIKE	FINISH
LK18	LK18KA	Chrome
LK20	LK20KA	Brass

R.H. SWINGING DOOR LOCK

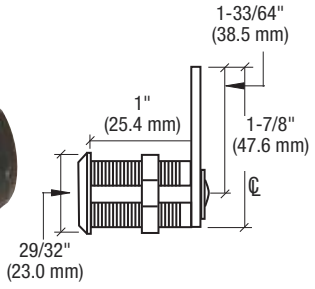
CAT. NO. RANDOM KEYS	CAT. NO. KEYED ALIKE	FINISH
LK22	LK22KA	Chrome
LK24	LK24KA	Brass

Minimum order: 1 each. All Showcase Locks can be combined for quantity pricing. Requires 3/4" (19 mm) diameter hole.

CRL Cam Lock for Wood Doors

- For Use in Wood or Composite Doors Up to 3/4" (19 mm) Thick





CAT. NO. RANDOM KEYS	CAT. NO. KEYED ALIKE	FINISH
LK56	LK56KA	Nickel Plated

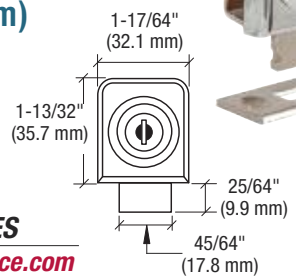
Minimum order: 1 each. All Showcase Locks can be combined for quantity pricing. Requires 3/4" (19 mm) diameter hole.

NOTE: Many more glass door locks are available at **crlaurence.com/locks**.

CRL Single Door Lock for 1/4" Glass

- For 1/4" (6 mm) Thick Single Glass Doors
- No-Drill Installation





MORE CHOICES crlaurence.com

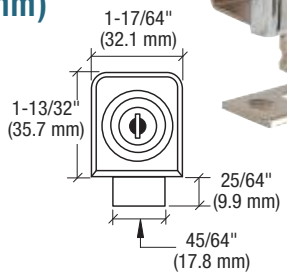
CAT. NO. RANDOM KEYS	CAT. NO. KEYED ALIKE	FINISH
LK42	LK42KA	Chrome
LK44	LK44KA	Gold Plated

Minimum order: 1 each. All Showcase Locks can be combined for quantity pricing.

CRL Single Door Lock for 3/8" Glass

- For 3/8" (10 mm) Thick Single Glass Doors
- No Drill-Installation





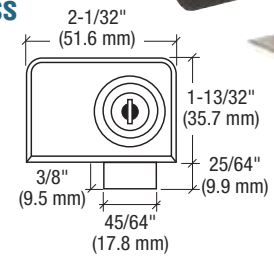
CAT. NO. RANDOM KEYS	CAT. NO. KEYED ALIKE	FINISH
LK342	LK342KA	Chrome
LK344	LK344KA	Gold Plated

Minimum order: 1 each. All Showcase Locks can be combined for quantity pricing.

CRL Clamp-On Lock for 1/4" Double Doors

- For 1/4" (6 mm) Thick Double Swinging Glass Doors
- No Drill-Installation





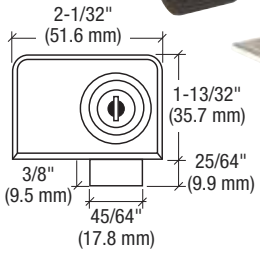
CAT. NO. RANDOM KEYS	CAT. NO. KEYED ALIKE	FINISH
LK46	LK46KA	Chrome
LK48	LK48KA	Gold Plated

Minimum order: 1 each. All Showcase Locks can be combined for quantity pricing.

CRL Clamp-On Lock for 3/8" Double Doors

- For 3/8" (10 mm) Thick Double Swinging Glass Doors
- No Drill-Installation





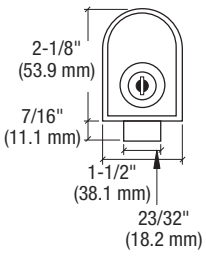
CAT. NO. RANDOM KEYS	CAT. NO. KEYED ALIKE	FINISH
LK346	LK346KA	Chrome
LK348	LK348KA	Gold Plated

Minimum order: 1 each. All Showcase Locks can be combined for quantity pricing.

CRL Cabinet Lock for Hinged Glass Door

- Fits Up to 1/4" (6 mm) Thick Glass
- No Drill-Installation





CAT. NO. RANDOM KEYS	CAT. NO. KEYED ALIKE	FINISH
LK10	LK10KA	Chrome
LK12	LK12KA	Black
LK14	LK14KA	Gold Plated

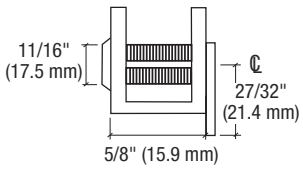
Minimum order: 1 each. All Showcase Locks can be combined for quantity pricing.

CRL Cam Lock With Stop Plate

- For 1/4" to 3/8" (6 to 10 mm) Thick Glass

Tightening is done by means of two plastic tipped screws.





CAT. NO. RANDOM KEYS	CAT. NO. KEYED ALIKE	FINISH
EH96	EH96KA	Brass
EH98	EH98KA	Chrome

Minimum order: 1 each. All Showcase Locks can be combined for quantity pricing. Requires a notch in the glass.

NOTE: Many more glass door locks are available at **crlaurence.com/locks**.

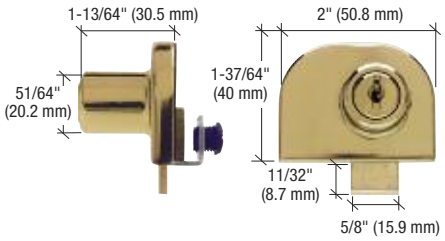
TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL No-Drill Glass Door Locks

- For Single or Double Doors Up to 1/4" (6 mm) Thick
- Three Elegant Finishes
- No Drilling Required

Double Glass Door Lock

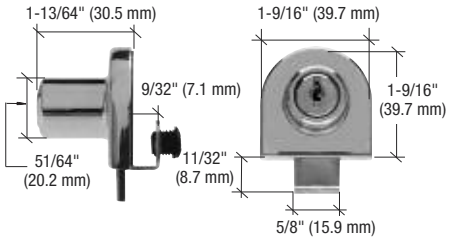


This No-Drill Lock works with double glass doors that meet in the middle. An offset 1/2" (12.7 mm) overlap allows one Lock to hold both doors.

CAT. NO. RANDOM KEYS	CAT. NO. KEYED ALIKE	FINISH
EH212	EH212KA	Chrome
EH214	EH214KA	Black Chrome
EH216	EH216KA	Brass

Minimum order: 1 each. No-Drill Locks can be combined for quantity pricing.

Single Glass Door Lock

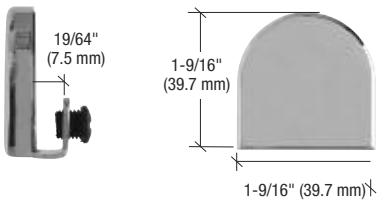


You can mount the Single Door No-Drill Lock on the top or bottom edges of the glass door if used with the jamb-mounted strike plate, or the vertical meeting edge of double glass doors if used with the matching Strike Plate shown at right.

CAT. NO. RANDOM KEYS	CAT. NO. KEYED ALIKE	FINISH
EH206	EH206KA	Chrome
EH208	EH208KA	Black Chrome
EH210	EH210KA	Brass

Minimum order: 1 each. No-Drill Locks can be combined for quantity pricing.

Door Mounted Strike Plate



Use the Door Mounted Strike Plate in tandem with the Single Door No-Drill Lock to secure double glass doors in the middle. Bottom is notched to receive plunger from Single Glass Door Lock.

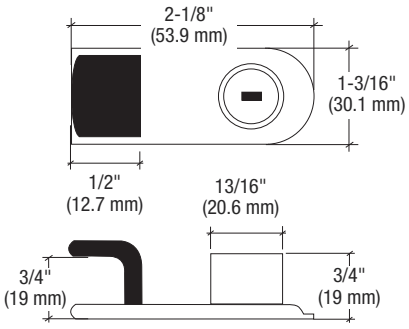
CAT. NO.	FINISH
EH218	Chrome
EH220	Black Chrome
EH222	Brass

Minimum order: 1 each. Strike Plates can be combined for quantity pricing.

CRL "Z" Type SlideGuard Lock

- Glue-On Keyed Lock for Showcases

This Lock operates the same as the Original Type SlideGuard Lock, and bonds permanently to glass or metal with supplied adhesive. The Stop is bent over to a 'Z' configuration to prevent spreading of the glass on showcase installations.





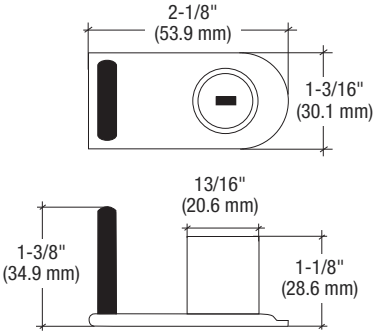
CAT. NO.	FINISH
SLGZ14	Stainless Steel

Minimum order: 1 each. All Showcase Locks can be combined for quantity pricing.

CRL Original Type SlideGuard Lock

- Glue-On Keyed Lock for Sliding Doors and Windows

The receiver portion of this keyed Lock bonds permanently to glass or metal with supplied adhesive. The locking stop plate slides on and is removable with a key.





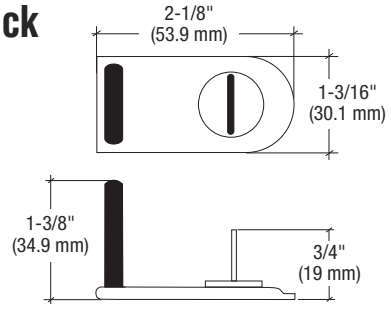
CAT. NO.	FINISH
SLG014	Stainless Steel

Minimum order: 1 each. All Showcase Locks can be combined for quantity pricing.

CRL Thumb Turn Type SlideGuard Lock

- Glue-On Thumb Turn Lock for Sliding Doors and Windows

The stop plate slides on and is removable by rotating the thumb turn. Large 90 degree stop secures sliding doors and windows. Lock is randomly keyed.



MORE CHOICES
crlaurence.com



CAT. NO.	FINISH
SLGT14	Stainless Steel

Minimum order: 1 each. All Showcase Locks can be combined for quantity pricing.

CRL Keymatic Series Showcase and Cabinet Locks

Keymatic Locks combine high security with the ability to select eight different keys to operate each lock. The Master Combination Key allows you to change the Lock to accept any one of the eight keying combinations. This lets you change combinations between shift changes, or in cases where a key might have become lost or stolen. The quick combination change maintains security with no lost time for Lock replacements.

Each Keymatic Lock comes with a Master Combination Change Key (Cat. No. KMKM), and two No. 1 Combination Keys (Cat. No. KMK1) for basic Lock functions. You may change cylinder combinations with the gold colored Master Combination Key to use any of the other seven Combination Keys (Cat. Nos. KMK2-KMK8).

There are four Keymatic Lock varieties, and they all use the exclusive Keymatic Cylinder for superior security and wear resistance. All Keymatic Locks have a U.S.14 bright polished nickel finish. Optional finishes are satin nickel and bright polished brass (available on special order).



CAT. NO. KML13
Door and Drawer
Cam Lock



CAT. NO. KML41
Sliding Door
Plunger Lock



CAT. NO. KML48
Glass Door
Ratchet Lock



CAT. NO. KML41GL
Through-Glass
Plunger Lock

Keymatic Cylinder

16 pin tumblers of stainless steel to resist wear and rounding (eight in the front and eight in the rear).



Captive Keys

Captive keying feature assures the key can only be removed in the locked position.



Keymatic Key Options

With Keymatic you can change the combination to use up to eight different keys to operate the Lock, but only one at a time. **NOTE:** Master Combination Key will not perform Lock functions. It will only change Lock combinations. All Locks are pre-set to No. 1 position.

KEYS FOR ALL KEYMATIC LOCKS

CAT. NO.	DESCRIPTION
KMKM*	Master Combination Change Key
KMK1	No. 1 Combination Key
KMK2	No. 2 Combination Key
KMK3	No. 3 Combination Key
KMK4	No. 4 Combination Key
KMK5	No. 5 Combination Key
KMK6	No. 6 Combination Key
KMK7	No. 7 Combination Key
KMK8	No. 8 Combination Key

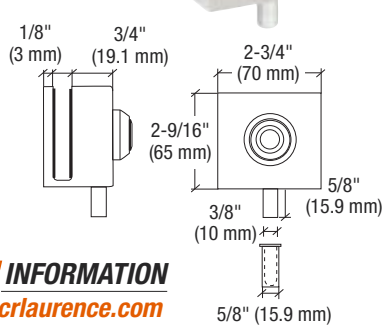
*To reset combination to match available keys, simply insert the Master Combination Change Key in each number position until it frees movement back to the available key positions.

CRL Deluxe Slip-On Showcase Lock for 3/8" and 1/2" Glass

• No Glass Fabrication Required for 3/8" or 1/2" (10 or 12 mm) Thick Glass

This CRL Deluxe Slip-On Showcase Lock is designed for 3/8" and 1/2" (10 and 12 mm) glass, and can be installed without drilling or notching the glass. In the locked position, the plunger recesses into a spring loaded receptacle, which is mounted into the cabinet base. This is a perfect Lock for showcases in a high end retail environment or cabinets containing valuable collectables. The Lock comes complete with a finished keeper and set of three keys.





MORE INFORMATION crlaurence.com

CAT. NO.	GLASS THICKNESS	KEYED	FINISH
03P38	3/8" (10 mm)	Randomly	Chrome
03P12	1/2" (12 mm)	Randomly	Chrome

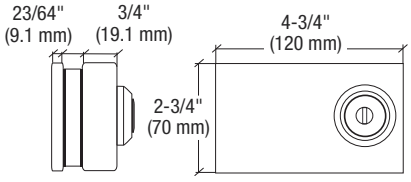
Minimum order: 1 each. All Showcase Locks can be combined for quantity pricing.

CRL Deluxe Patch Lock for 3/8" and 1/2" Glass

• Does Not Require Glass Fabrication for 3/8" or 1/2" (10 or 12 mm) Thick Glass

This CRL Deluxe Patch Lock slips onto 3/8" or 1/2" (10 or 12 mm) glass and affords ease of installation, removal and security, without the necessity of a permanent patch lock. Lock is accessed from one side only by keyed cylinder. Removal of Lock during business hours provides a visually aesthetic frameless appearance. Easy slip-on feature means no glass fabrication is required. Lock is provided with three keys.



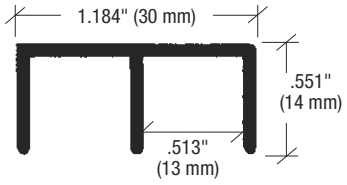


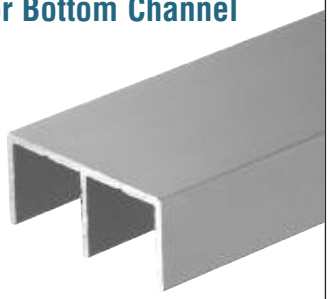
CAT. NO.	GLASS THICKNESS	KEYED	FINISH
01P38	3/8" (10 mm)	Randomly	Chrome
01P12	1/2" (12 mm)	Randomly	Chrome

Minimum order: 1 each. All Showcase Locks can be combined for quantity pricing.

CRL D603 Upper Channel

- Used as Side Jamb, Top or Bottom Channel





12 FOOT (3.66 M) STOCK LENGTH

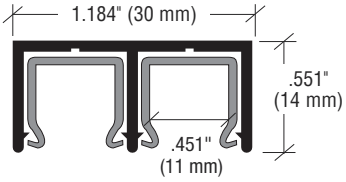
CAT. NO.	FINISH
D603A	Satin Anodized
D603BA	Brite Anodized
D603BGA	Brite Gold Anodized
D603BL	Flat Black

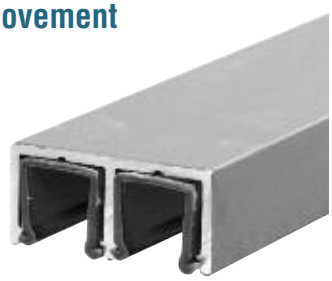
12 FOOT (3.66 M) STOCK LENGTH

CAT. NO.	FINISH
D603BN	Brushed Nickel
D603DU	Duranodic Bronze
D603GA	Gold Anodized

CRL D609 Plastic Lined Upper Channel

- Silent, Smooth Panel Movement



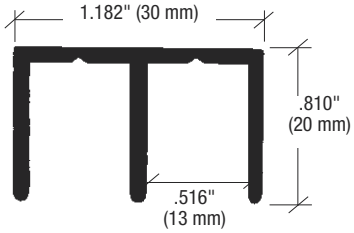


12 FOOT (3.66 M) STOCK LENGTH

CAT. NO.	FINISH
D609A	Satin Anodized
D609BL	Flat Black
D609BN	Brushed Nickel
D609DU	Duranodic Bronze
D609GA	Gold Anodized

CRL D613 Deep Upper Channel

- Used As Side Jamb or Top Channel



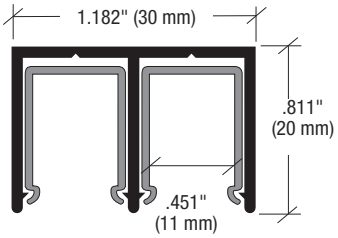


12 FOOT (3.66 M) STOCK LENGTH

CAT. NO.	FINISH
D613A	Satin Anodized
D613BL	Flat Black
D613BN	Brushed Nickel
D613DU	Duranodic Bronze
D613GA	Gold Anodized

CRL D614 Plastic Lined Deep Upper Channel

- Liner Reduces Noise



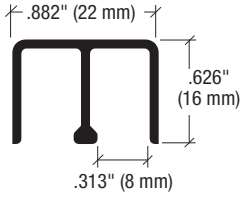


12 FOOT (3.66 M) STOCK LENGTH

CAT. NO.	FINISH
D614A	Satin Anodized
D614DU	Duranodic Bronze
D614GA	Gold Anodized

CRL D618 Upper Channel

- Medium Depth

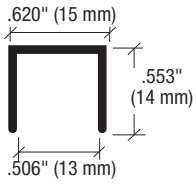




12 FOOT (3.66 M) STOCK LENGTH

CAT. NO.	FINISH
D618A	Satin Anodized
D618DU	Duranodic Bronze
D618GA	Gold Anodized

CRL D604 Single Upper Channel and Side Jamb



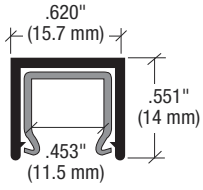


12 FOOT (3.66 M) STOCK LENGTH

CAT. NO.	FINISH
D604A	Satin Anodized
D604BA	Brite Anodized
D604BGA	Brite Gold Anodized
D604BL	Flat Black
D604DU	Duranodic Bronze
D604GA	Gold Anodized

CRL D611 Plastic Lined Single Upper Channel

- Liner Reduces Noise





12 FOOT (3.66 M) STOCK LENGTH

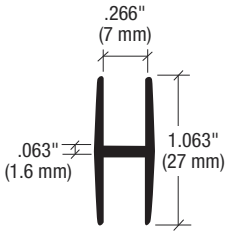
CAT. NO.	FINISH
D611A	Satin Anodized
D611DU	Duranodic Bronze

Minimum order: 1 stock length. All finishes and shapes can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than 10 combined lengths. Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for U.P.S. A Cutting Charge will apply. Visit **crlaurence.com/extrusions** for a complete selection of Aluminum Track Components.

CRL H14 H-Bar Channel

- For 1/4" (6 mm) Thick Glass
- Works With D5650 or D5649 Rollers





12 FOOT (3.66 M) STOCK LENGTH

CAT. NO.	FINISH
H14A	Satin Anodized
H14DU	Duranodic Bronze

See page DW135 for Track Assembly Vinyls.

CRL D610 H-Bar

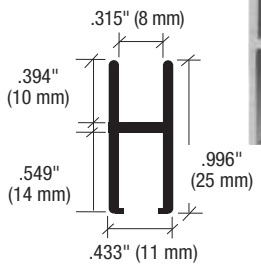
- For 3/16" to 1/4" (5 to 6 mm) Thick Glass
- Works With D650 or D649 Rollers



12 FOOT (3.66 M) STOCK LENGTH

CAT. NO.	FINISH
D610A	Satin Anodized
D610BA	Brite Anodized
D610BN	Brushed Nickel
D610BGA	Brite Gold Anodized
D610BL	Flat Black
D610DU	Duranodic Bronze
D610GA	Gold Anodized

See page GG141 for Track Assembly Vinyls.



CRL LK610 H-Bar

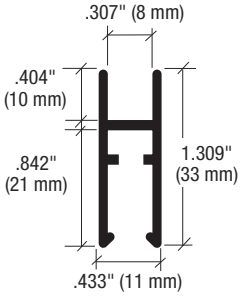
- For 3/16" to 1/4" (5 to 6 mm) Thick Glass
- Works With D650 or D649 Rollers



12 FOOT (3.66 M) STOCK LENGTH

CAT. NO.	FINISH
LK610A	Satin Anodized
LK610BA	Brite Anodized
LK610BGA	Brite Gold Anodized
LK610BL	Flat Black
LK610DU	Duranodic Bronze
LK610GA	Gold Anodized

See page GG141 for Track Assembly Vinyls.



CRL D5610 H-Bar

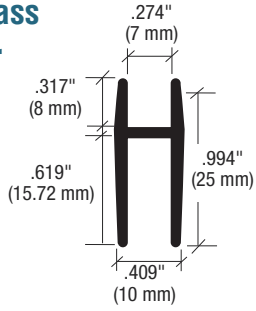
- For 3/16" to 1/4" (5 to 6 mm) Thick Glass
- Works With D5650 or D5649 Rollers



12 FOOT (3.66 M) STOCK LENGTH

CAT. NO.	FINISH
D5610A	Satin Anodized
D5610BL	Flat Black
D5610DU	Duranodic Bronze
D5610GA	Gold Anodized

See page DW134 for Track Assembly Vinyls.



CRL MC610 H-Bar

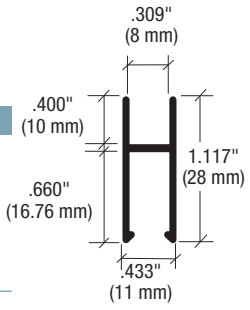
- For 3/16" to 1/4" (5 to 6 mm) Thick Glass
- Works With D650 or D649 Rollers



12 FOOT (3.66 M) STOCK LENGTH

CAT. NO.	FINISH
MC610A	Satin Anodized
MC610BA	Brite Anodized
MC610BGA	Brite Gold Anodized
MC610BL	Flat Black
MC610DU	Duranodic Bronze
MC610GA	Gold Anodized

See page GG141 for Track Assembly Vinyls.



CRL DV146 H-Bar

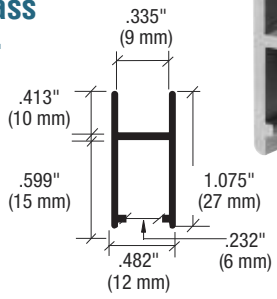
- For 3/16" to 1/4" (5 to 6 mm) Thick Glass
- Works With DV147 or DV147S Rollers



12 FOOT (3.66 M) STOCK LENGTH

CAT. NO.	FINISH
DV146A	Satin Anodized
DV146BA	Brite Anodized
DV146BGA	Brite Gold Anodized

See page GG141 for Track Assembly Vinyls.



CRL S710 Security H-Bar

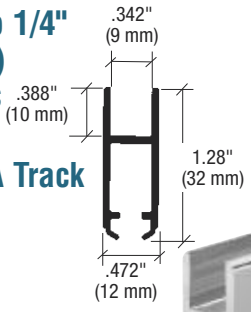
- For 3/16" to 1/4" (5 to 6 mm) Thick Glass
- Works With S702A Track and TA20 Rollers



12 FOOT (3.66 M) STOCK LENGTH

CAT. NO.	FINISH
S710A	Satin Anodized

See page GG141 for Track Assembly Vinyls.



CRL KK610 H-Bar

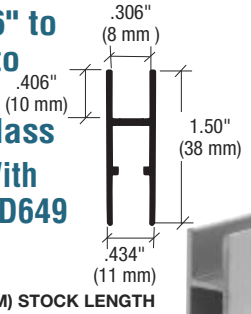
- For 3/16" to 1/4" (5 to 6 mm) Thick Glass
- Works With D650 or D649 Rollers



12 FOOT (3.66 M) STOCK LENGTH

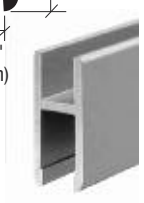
CAT. NO.	FINISH
KK610A	Satin Anodized
KK610BL	Flat Black

See page GG141 for Track Assembly Vinyls.



CRL D1652 Low Profile H-Bar

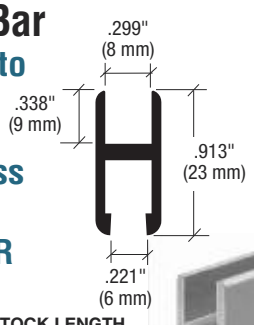
- For 3/16" to 1/4" (5 to 6 mm) Thick Glass
- Works With D123R Rollers



12 FOOT (3.66 M) STOCK LENGTH

CAT. NO.	FINISH
D1652A	Satin Anodized

See page DW135 for Track Assembly Vinyls.



Minimum order: 1 stock length. All finishes and shapes can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than 10 combined lengths. Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for U.P.S. A Cutting Charge will apply. Visit **crlaurence.com/extrusions** for a complete selection of Aluminum Track Conponents.

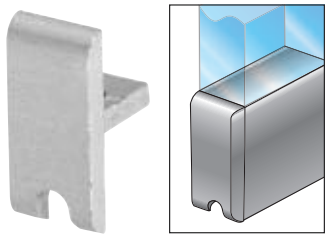
CRL End Cap for D610 H-Bar

- **Provides Finished Appearance to D610 H-Bar**
- **Available in Four Finishes**

Fasten to cross member of H-Bar with a rivet or flat head screw.

CAT. NO.	FINISH
D332A	Satin Anodized
D332BL	Flat Black
D332DU	Duranodic Bronze
D332GA	Gold Anodized

Minimum order: 1 each.



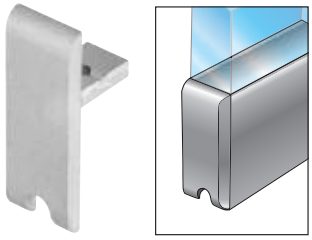
CRL End Cap for LK610 H-Bar

- **Provides Finished Appearance to LK610 H-Bar**
- **Available in Four Finishes**

Fasten to cross member of the H-Bar with a rivet or flat head screw.

CAT. NO.	FINISH
D334A	Satin Anodized
D334BL	Flat Black
D334DU	Duranodic Bronze
D334GA	Gold Anodized

Minimum order: 1 each.



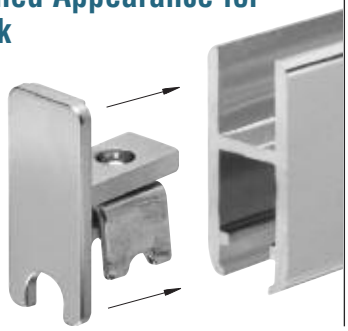
CRL End Cap for S710A Security H-Bar

- **Provides a Clean, Finished Appearance for Anti-Lift Showcase Track**

Held in place by tightening one screw. This part is not necessary when a TA11 Lock is installed. For use only with CRL S710A Security H-Bar (see page GG137).

CAT. NO.	FINISH
TA30	Satin Anodized

Minimum order: 1 each.



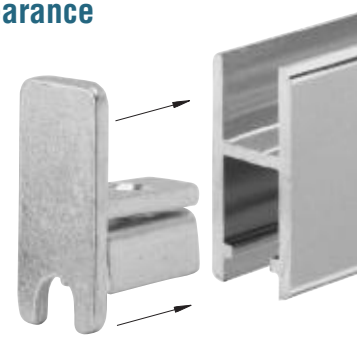
CRL End Cap for DV146 H-Bar

- **Provides Finished Appearance to DV146 H-Bar**
- **Available in Three Finishes**

Held in place by tightening one screw.

CAT. NO.	FINISH
DV148CH	Chrome
DV148BR	Brass
DV148SC	Satin Chrome

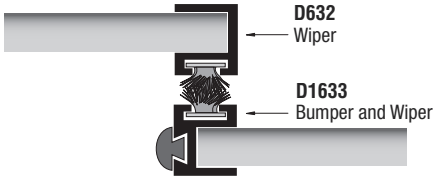
Minimum order: 1 each.



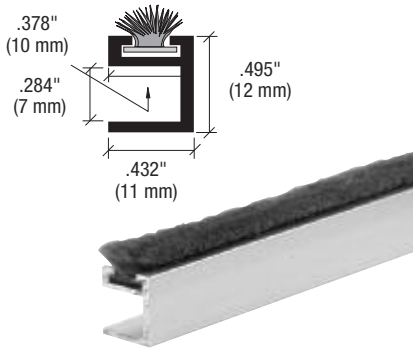
CRL Dust Proof Rails

- **Seals Between Sliding Tracks to Keep Dust Particles, Smog, Carbon, Etc. Out of Showcases**
- **Helps Maintain Low Temperatures in Refrigerated Cases**
- **6063-T5 Aluminum Alloy**

MORE CHOICES crlaurence.com



CRL Dust Proof Rail

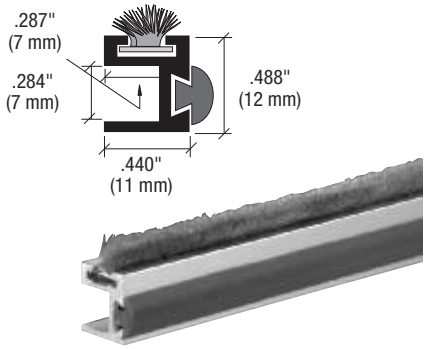


12 FOOT (3.66 M) STOCK LENGTH

CAT. NO.	FINISH
D632A	Satin Anodized
D632DU	Duranodic Bronze

Minimum order: 1 stock length.

CRL Dust Proof Rail With Bumper

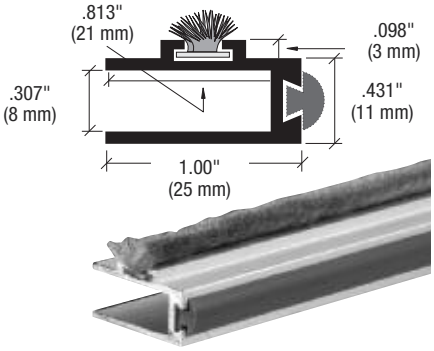


12 FOOT (3.66 M) STOCK LENGTH

CAT. NO.	FINISH
D1633A	Satin Anodized
D1633DU	Duranodic Bronze

Minimum order: 1 stock length.

CRL Deep Channel Dust Proof Rail With Bumper



12 FOOT (3.66 M) STOCK LENGTH

CAT. NO.	FINISH
D1623A	Satin Anodized
D1623DU	Duranodic Bronze

Minimum order: 1 stock length.

All finishes and shapes can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than 10 combined lengths. Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for U.P.S. A Cutting Charge will apply. Visit **crlaurence.com/track-components** for a complete selection of Aluminum Track Components.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

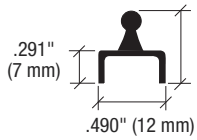
CRL US ALUMINUM

CRL SLIDING TRACK COMPONENTS

go to:
crlaurence.com/**extrusions**

CRL D601 Single Bottom Rail



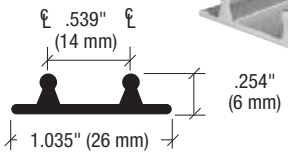


12 FOOT (3.66 M) STOCK LENGTH

CAT. NO.	FINISH
D601A	Satin Anodized
D601BA	Brite Anodized
D601BGA	Brite Gold Anodized
D601BL	Flat Black
D601BN	Brushed Nickel
D601DU	Duranodic Bronze
D601GA	Gold Anodized

CRL D602 Flat Lower Track



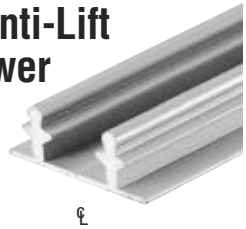


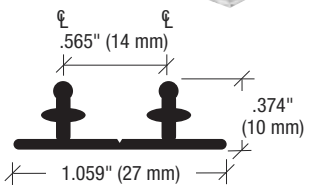
12 FOOT (3.66 M) STOCK LENGTH

CAT. NO.	FINISH
D602A	Satin Anodized
D602BA	Brite Anodized
D602BGA	Brite Gold Anodized
D602BL	Flat Black
D602BN	Brushed Nickel
D602DU	Duranodic Bronze
D602GA	Gold Anodized

CRL S702 Anti-Lift Security Lower Track

- **Works With S710 H-Bar**



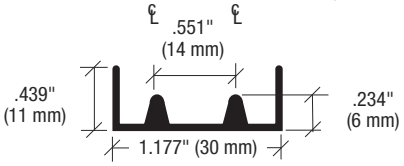


12 FOOT (3.66 M) STOCK LENGTH

CAT. NO.	FINISH
S702A	Satin Anodized

CRL D594 Lower Track



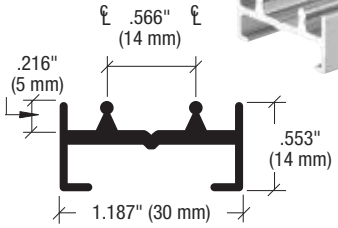


12 FOOT (3.66 M) STOCK LENGTH

CAT. NO.	FINISH
D594A	Satin Anodized
D594DU	Duranodic Bronze
D594GA	Gold Anodized

CRL D592 Lower Track



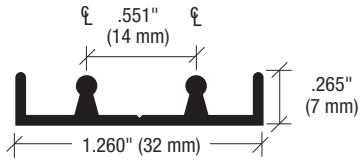


12 FOOT (3.66 M) STOCK LENGTH

CAT. NO.	FINISH
D592A	Satin Anodized
D592BA	Brite Anodized
D592BGA	Brite Gold Anodized
D592BL	Flat Black
D592DU	Duranodic Bronze
D592GA	Gold Anodized

CRL D3103 Lower Track





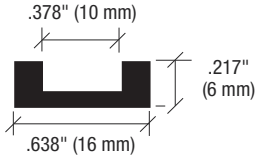
12 FOOT (3.66 M) STOCK LENGTH

CAT. NO.	FINISH
D3103A	Satin Anodized
D3103DU	Duranodic Bronze
D3103BA	Brite Anodized

CRL D1653 Heavy-Duty Lower Track

- **Works With D1652 H-Bar**





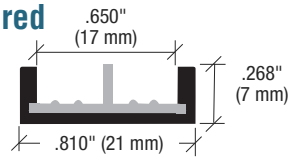
12 FOOT (3.66 M) STOCK LENGTH

CAT. NO.	FINISH
D1653A	Satin Anodized

CRL D590 Lower Track With Plastic Insert

- **For Small and Lightweight Panels**
- **No Wheel Assembly Required**





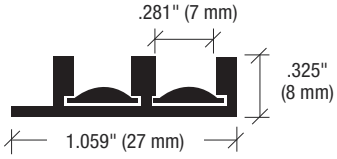
12 FOOT (3.66 M) STOCK LENGTH

CAT. NO.	FINISH
D590A	Satin Anodized
D590DU	Duranodic Bronze
D590GA	Gold Anodized

CRL D593 Lower Track With Fiber Inserts

- **For Small and Lightweight Panels**
- **No Wheel Assembly Required**





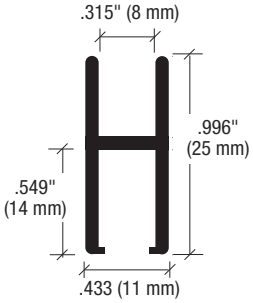
12 FOOT (3.66 M) STOCK LENGTH

CAT. NO.	FINISH
D593A	Satin Anodized

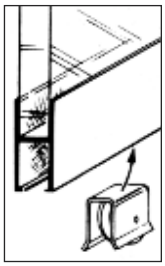
Minimum order: 1 stock length. All finishes and shapes can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than 10 combined lengths. Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for U.P.S. A Cutting Charge will apply. Visit **crlaurence.com/extrusions** for a complete selection of Aluminum Track Conponents.

CRL Standard H-Bars vs. Narrow H-Bars

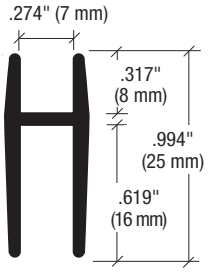
MORE INFORMATION crlaurence.com



The CRL Standard H-Bar has an exclusive "wheel retaining lip" in the wheel side, which prevents Wheel Assemblies from racking or moving. CRL H-Bar and Wheel Assemblies can only be used in conjunction with each other, and are not interchangeable with other brands of sliding track. Use CRL Cat. Nos. D650 or D649 Wheel Assemblies shown below.

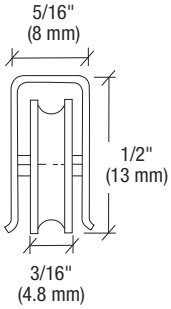


Narrow H-Bar is not interchangeable between manufacturers. Carefully check your H-Bar dimensions to ensure the proper Wheel Assembly is ordered. Narrow H-Bar is not for use with CRL Track Assemblies, but will fit Knape & Vogt, Stylemark, Epco, and many others. Use Cat. Nos. D5649 and D5650 Wheel Assemblies shown below.



CRL Standard Nylon Wheel Assembly for CRL H-Bars

These CRL Standard Nylon Wheel Assemblies are used with D610, D615, LK610, KK610, and MC610 H-Bars. This nylon wheel unit is fabricated in a steel housing which press-fits into bottom of the H-Bar. For sliding glass panels fabricated with up to five square feet of 1/4" (6 mm) plate glass or other glazing material. Minimum order is one each.

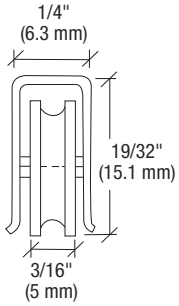


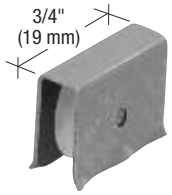


CAT. NO. D650
Nylon Wheel

CRL Nylon Wheel Assembly for Narrow H-Bars

CRL's Narrow Type Nylon Wheel Assemblies are used with D5610 Series H-Bar, as well as some of the competitive H-Bar on the market. Nylon rollers can be used for sliding panels fabricated with up to five square feet of 1/4" (6 mm) glass or other glazing material. Minimum order is one each.

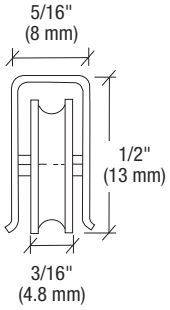




CAT. NO. D5650
Nylon Wheel

CRL Heavy-Duty Ball Bearing Wheel Assembly for CRL H-Bars

These CRL Heavy-Duty Ball Bearing Wheel Assemblies are used with D610, D615, LK610, KK610, and MC610 H-Bar. This ball bearing wheel unit is fabricated in a steel housing which press-fits into bottom of the H-Bar. For sliding glass panels fabricated with up to 15 square feet of 1/4" (6 mm) plate glass or other glazing material. Minimum order is one each.

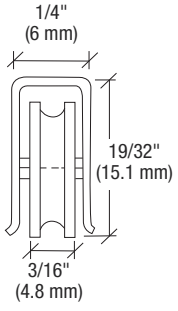


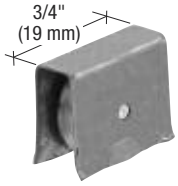


CAT. NO. D649
Ball Bearing Wheel

CRL Ball Bearing Wheel Assembly for Narrow H-Bars

CRL's Narrow Type Ball Bearing Wheel Assemblies are used with D5610 Series H-Bar, as well as some of the competitive H-Bar on the market. Ball bearing rollers can be used with panels of up to 15 square feet of 1/4" (6 mm) material. Minimum order is one each.





CAT. NO. D5649
Ball Bearing Wheel

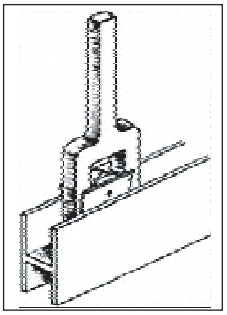
CRL Wheel Tool

CRL does not recommend that Wheel Assemblies be forcefully driven into H-Bars with a hammer. This Wheel Tool was designed to safely install all D650, D649, D5650, and D5649 Wheel Assemblies without damage to either the wheels or H-Bars. Minimum order is one each. **NOTE:** One Wheel Tool is included free with every box (100 wheels) purchased. Applies only to D650 and D649 Wheel Assemblies.



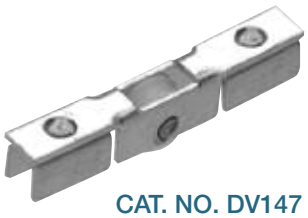
- **Safely Installs Wheel Assemblies Into H-Bars**

CAT. NO. D9650
Wheel Tool



CRL Wheel Assembly for DV146 H-Bar

- Use With DV146 H-Bar Only



CAT. NO. DV147
Nylon Wheel
Minimum order is one each.



CAT. NO. DV147S
Steel Wheel
Minimum order is one each.

CRL Plastic Top Guides

MORE CHOICES crlaurence.com

- Prevents 1/4" (6 mm) Glass Doors From Rattling in D603 and D613 Upper Channels



CAT. NO. D652
Black Plastic Top Guide
Minimum order is one each.



CAT. NO. D655
Translucent Plastic Top Guide
Minimum order is one each.

CRL Ball Bearing Wheel Assembly for S710 Security H-Bar

- Use With S710 H-Bar Only



CAT. NO. TA20
Ball Bearing Wheel
Minimum order is one each.

CRL Stops for Sliding Doors

- Designed to Install Into D601 Lower Track
- Mounting Screws Included



CAT. NO. D56A
Single Stop
Minimum order is one each.



CAT. NO. D57A
Two-Way Stop
Minimum order is one each.

CRL Heavy-Duty Wheel Assembly for D1652 H-Bar

- Designed to Carry Heavy Showcase Panels
- Use With D1652 H-Bar



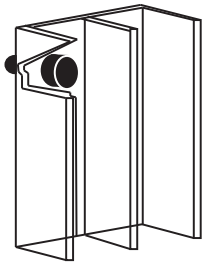
CAT. NO. D123R
Nylon Wheel
Minimum order is one each.

CRL Rubber Bumper

- Fits Into Jamb
- Prevents Breakage or Chipping of Glass

3/8" (9.5 mm) diameter Bumpers fit into a hole drilled with a No. 9 High Speed Drill, such as our Cat. No. 80109.





CAT. NO. D656
Minimum order is one each.

CRL Sliding Track Assembly Vinyls

CRL Track Vinyl is designed to hold 3/16", 7/32" or 1/4" (5, 5.5, or 6 mm) glass securely in H-Bar on sliding track assemblies. Light gray vinyl is compatible with finishes of sliding track.

- Designed for Use in H-Bar Track Assemblies
- Available in 100 and 1000 Foot Rolls



Fits D610, LK610, MC610, and KK610 H-Bar

CAT. NO.	ROLL LENGTH
DV765C	100' (30.5 m)
DV765M	1000' (304.8 m)

Minimum order: 1 roll. Sizes can be combined for quantity pricing.



Fits DV146 H-Bar

CAT. NO.	ROLL LENGTH
DV144C	100' (30.5 m)
DV144M	1000' (304.8 m)

Minimum order: 1 roll. Sizes can be combined for quantity pricing.



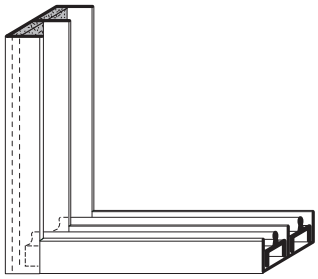
Fits S710 H-Bar

CAT. NO.	ROLL LENGTH
SDV732C	100' (30.5 m)
SDV732M	1000' (304.8 m)

Minimum order: 1 roll. Sizes can be combined for quantity pricing.

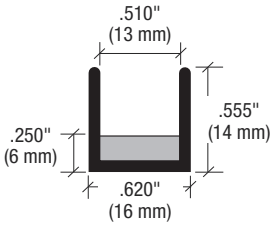
CRL Aluminum Jambs With Sponge Rubber Lining

- Sponge Rubber Lining Prevents Damage to Sliding Glass Edge
- Four Different Extrusions Available in Two Finishes



CRL Aluminum Jambs With Sponge Rubber Lining provide protection for the edge of sliding glass panels. Where Jambs are used in conjunction with upper and lower tracks, it is recommended that they be the full height of the opening. This allows Rails to extend into the Jamb, assuring a perfect alignment.

CRL Aluminum Single Jamb With Sponge Rubber Lining



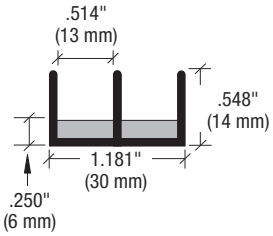


This extrusion is most commonly used with the D604 Single Lower Channel, D603 Double Lower Channel, and D601 Rails.

CAT. NO.	FINISH	LENGTH
D606A	Satin Anodized	12' (3.66 m)
D606DU	Duranodic Bronze	12' (3.66 m)

Minimum order: 1 stock length.

CRL Aluminum Double Jamb With Sponge Rubber Lining



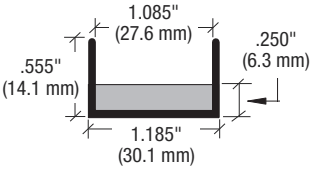


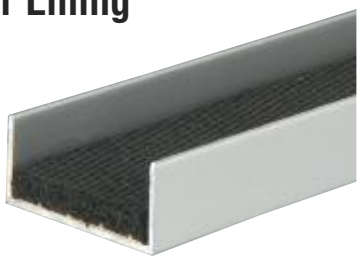
D607 Jamb is most commonly used with the D603 Double Lower Channel and D601 Rails.

CAT. NO.	FINISH	LENGTH
D607A	Satin Anodized	12' (3.66 m)
D607DU	Duranodic Bronze	12' (3.66 m)

Minimum order: 1 stock length.

CRL Aluminum Large Jamb With Sponge Rubber Lining





This extrusion is most commonly used with the D603 Double Lower Channel and D601 Rails.

CAT. NO.	FINISH	LENGTH
D617A	Satin Anodized	12' (3.66 m)
D617DU	Duranodic Bronze	12' (3.66 m)

Minimum order: 1 stock length.

All finishes and shapes can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than 10 combined lengths. Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for U.P.S. A Cutting Charge will apply.

CRL Dor-Tite Sponge Rubber Stripping

MORE SIZES crlaurence.com

- Use to Fabricate Your Own Jambs With Sponge Rubber
- Cushions Against Vibrations, Rattles, and Drafts
- Self-Adhesive So It's Easy to Apply

This black, open cell sponge rubber stripping is available in different widths and thicknesses to fit most any size aluminum extrusion. It is used for cushioning, dust proofing, and rattle proofing the edge of sliding glass panels. Dor-Tite Sponge Rubber Stripping is easy to use – just remove the adhesive protective liner and apply. No clean up is required. The strip's exposed surface has a textured finish and is non-stretchable.



CAT. NO.	THICKNESS	WIDTH	ROLL LENGTH	RLS/CASE
D3450	3/16" (5 mm)	1/2" (13 mm)	50' (15.2 m)	20
D4450	1/4" (6 mm)	1/2" (13 mm)	50' (15.2 m)	20

Minimum order: 1 roll. All sizes can be combined for quantity pricing.

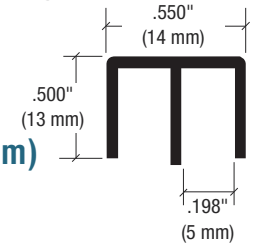
CRL Tracks for Sliding Panels

- No Rollers or Wheel Assemblies Needed for Lightweight Panels
- Easy to Install and Trim

CRL offers the most extensive selection of Track for Sliding Panels in the industry. Available in both aluminum and durable extruded PVC for long lasting performance. Track is available to accommodate 1/8", 3/16", 1/4", 1/2", and 3/4" (3, 5, 6, 12, and 19 mm) thick panels. Choose components to make assemblies fit your needs.
NOTE: Use a cardboard template to calculate glass door dimensions. Go to **crlaurence.com/extrusions** for a complete selection of Tracks for Sliding Panels.

CRL Gray Plastic Upper Track for 1/8" Sliding Panels

- Use With D708GRY Lower Track
- 12 Ft. (3.66 m) Length

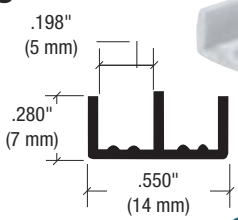




CAT. NO. D718GRY

CRL Gray Plastic Lower Track for 1/8" Sliding Panels

- Use With D718GRY Upper Track
- 12 Ft. (3.66 m) Length

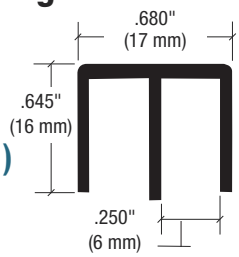




CAT. NO. D708GRY

CRL Gray Plastic Upper Track for 3/16" Sliding Panels

- Use With D706GRY Lower Track
- 12 Ft. (3.66 m) Length

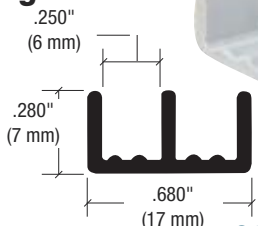




CAT. NO. D716GRY

CRL Gray Plastic Lower Track for 3/16" Sliding Panels

- Use With D716GRY Upper Track
- 12 Ft. (3.66 m) Length

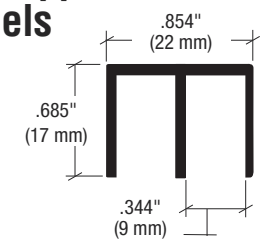




CAT. NO. D706GRY

CRL Plastic Upper Track for 1/4" Sliding Panels

- Use With D702 Lower Track

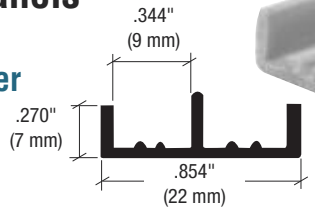




CAT. NO.	COLOR	LENGTH
D712GRY	Gray	12' (3.66 m)
D712T	Tan	12' (3.66 m)
D712BL	Black	12' (3.66 m)

CRL Lower Plastic Track for 1/4" Sliding Panels

- Use With D712 Upper Track

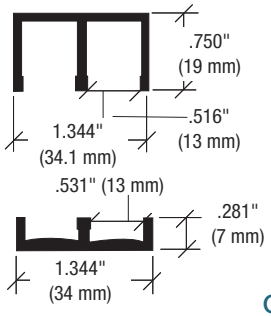




CAT. NO.	COLOR	LENGTH
D702GRY	Gray	12' (3.66 m)
D702T	Tan	12' (3.66 m)
D702BL	Black	12' (3.66 m)

CRL Gray Plastic Track for 1/2" Sliding Panels

- 6 Ft. (1.83 m) Length



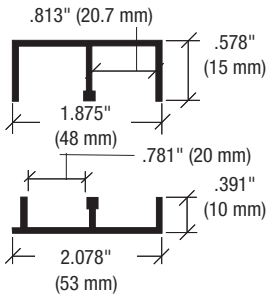


Includes Upper and Lower Track

CAT. NO. EP13G

CRL Mill Aluminum Track for 3/4" Sliding Panels

- 6 Ft. (1.83 m) Length





Includes Upper and Lower Track

CAT. NO. EP11

Minimum Order: 1 stock length. All shapes can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than 10 combined lengths. Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for U.P.S. A Cutting Charge will apply.

CRL Masteroll Overhead Track System

- 12' (3.66 m) Long Overhead Track Assembly Components for Frameless Glass Doors
- 6' (1.83 m) Adjustable Hanger Allows Exact Positioning of Glass Panels
- Mix and Match Components to Suit Your Installation Needs

MORE INFORMATION crlaurence.com



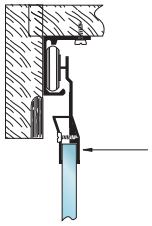
CRL Masteroll Overhead Track for frameless glass doors gives you installation flexibility without stocking a large variety of components. The simple component selection of Overhead Tracks, Hangers, Rollers, and Guides work to make efficient and economical pass-thrus with a minimum of fabrication effort.

The Hangers grip your 1/4" (6 mm) glass panels by tightening a series of screws, and have adjustable slots 6" (152 mm) on center for the D679 Ball Bearing Rollers.

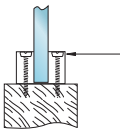
We offer three styles of Overhead Track that adapt to single or bypassing panels. Fixed Nylon or Retractable Tip Guides keep the glass panels in line for quiet and smooth rolling on the Ball Bearing Rollers.

The Overhead Track is supplied in 12' (3.66 m) stock lengths; Hangers come in 6' (1.83 m) stock lengths. Cut each to your exact needs, minimizing waste. Use only the Rollers and Guides you need to complete the job. We recommend that you apply a bead of CRL Cat. No. 33SC Clear Silicone to the inside of the Hanger channel to assure that the glass will not slip out. **NOTE:** Maximum recommended size per sliding panel is 36" wide x 48" high (914 x 1219 mm).

Standard Configuration for Single Sliding Panels

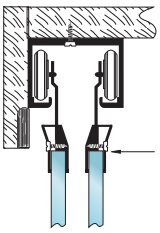


Standard Assembly:
D8A Single Overhead Track
D679 Rollers
D28A Front Hanger

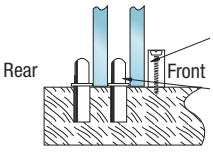


D30 Nylon Guides
to install or remove doors, tilt about 15 degrees and unhook from Overhead Track.

Standard Configuration for Bypassing Panels

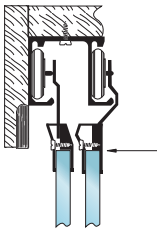


Standard Assembly:
D6A Overhead Track
D679 Rollers
D28A Front Hangers
Both Sides

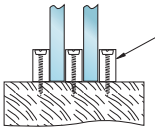


D30 Nylon Guides
used to prevent removal of doors by tilting to the front.
D35 Spring Loaded Guides
used when frequent removal of doors is required.

Alternate Configuration for Bypassing Panels

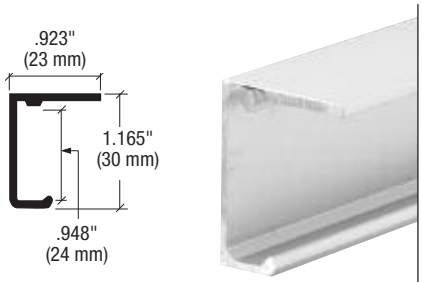


Standard Assembly:
D9A Double Overhead Track
D679 Rollers
D28A Front Hanger
D29A Rear Hanger



D30 Nylon Guides
D35 Retractable Tip Guides
may be used front and rear for quicker removal of doors.

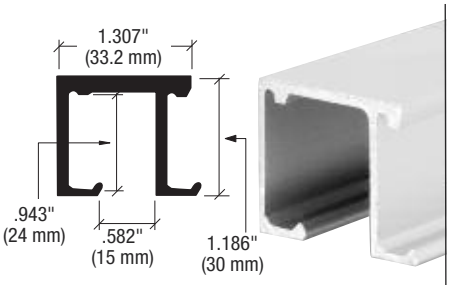
CRL Masteroll Overhead Tracks



This CRL Masteroll Single Overhead Track is designed to accept D28A Hangers using D679 Rollers.

CAT. NO.	FINISH	STOCK LENGTH
D8A	Satin Anodized	12' (3.66 m)*

Minimum order: 1 stock length. Can be combined with all other aluminum extrusions for quantity pricing.

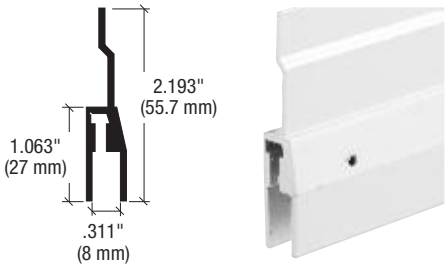


This CRL Masteroll Open Double Overhead Track is designed to accept D28A and D29A Hangers using D679 Rollers.

CAT. NO.	FINISH	STOCK LENGTH
D9A	Satin Anodized	12' (3.66 m)*

Minimum order: 1 stock length. Can be combined with all other aluminum extrusions for quantity pricing.

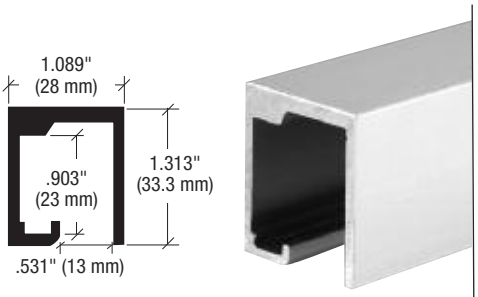
CRL Masteroll Hangers



This CRL Masteroll Front Hanger is designed to accept 1/4" (6 mm) glass, and is to be used in a pass-thru window assembly using an Overhead Track.

CAT. NO.	FINISH	STOCK LENGTH
D28A	Satin Anodized	6' (1.83 m)*

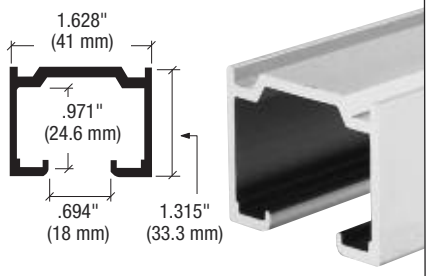
Minimum order: 1 stock length. Can be combined with all other aluminum extrusions for quantity pricing.



This CRL Masteroll Single Overhead Track is designed to accept D28A Hangers using D679 Rollers.

CAT. NO.	FINISH	STOCK LENGTH
D3A	Satin Anodized	12' (3.66 m)*
D3DU	Duranodic Bronze	12' (3.66 m)*

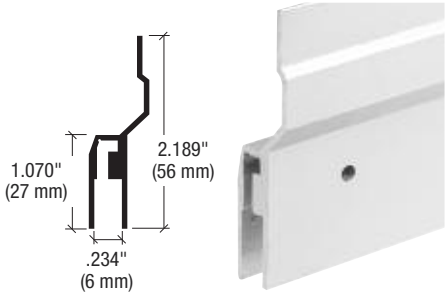
Minimum order: 1 stock length. Can be combined with all other aluminum extrusions for quantity pricing.



This CRL Masteroll Double Overhead Track is designed to accept D28A Hangers using D679 Rollers.

CAT. NO.	FINISH	STOCK LENGTH
D6A	Satin Anodized	12' (3.66 m)*

Minimum order: 1 stock length. Can be combined with all other aluminum extrusions for quantity pricing.



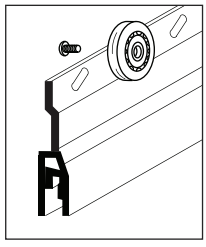
This CRL Masteroll Rear Hanger is designed to accept 1/4" (6 mm) glass, and is to be used in a pass-thru window assembly using an Overhead Track.

CAT. NO.	FINISH	STOCK LENGTH
D29A	Satin Anodized	6' (1.83 m)*

Minimum order: 1 stock length. Can be combined with all other aluminum extrusions for quantity pricing.

CRL Masteroll Nylon Ball Bearing Roller



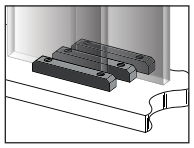


This CRL Masteroll Nylon Ball Bearing Roller is designed to screw into the slots on a Front or Rear Hanger. Screw is included.

CAT. NO.	DESCRIPTION	DIAMETER
D679	Ball Bearing Roller	7/8" (22 mm)

Minimum order: 1 each.

CRL Nylon Lower Guides





CAT. NO. D30



CAT. NO. D31

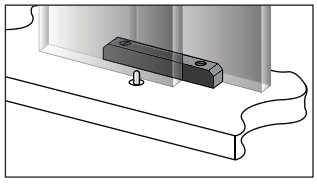
These CRL Nylon Lower Guides are used to keep sliding panels vertical and prevent lift-out. Each Guide comes with two screws.

CAT. NO.	GUIDE SIZE
D30	2-1/4"L x 1/2"H x 1/4"W (57 x 13 x 6 mm)
D31	2-1/4"L x 1/4"H x 1/4"W (57 x 6 x 6 mm)

Minimum order: 1 each.

CRL Retractable Metal Tip Lower Guide





Retractable Metal Tip Lower Guide used to keep sliding panels vertical and prevent lift-out. Spring loaded, with a metal tip and an aluminum housing. Guides are especially useful when frequent removal of the doors is required.

CAT. NO.	LENGTH	HOLE SIZE
D35	1-3/8" (35 mm)	5/16" (8 mm)

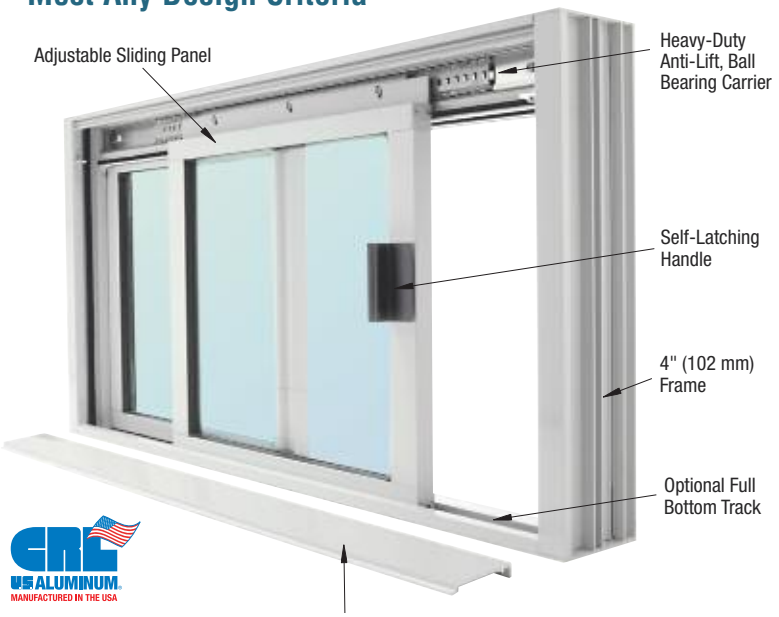
Minimum order: 1 each.

*A Packing Charge will be added to orders of fewer than 10 combined lengths. Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for UPS. A Cutting Charge will apply.

CRL Manual Deluxe Sliding Service Windows (DW Series)

- The Perfect Drive-Up Service Window for Fast Food Restaurants, Pharmacies, Dry Cleaners, Etc.
- Each Two Panel Unit is Custom Fabricated to Fit the Opening
- Six Choices of Sliding Configurations to Meet Most Any Design Criteria
- Ball Bearing Top Hung Sliders for Easy Window Movement
- Hundreds of Available Colors

MORE INFORMATION crlaurence.com



CRL US ALUMINUM MANUFACTURED IN THE USA

INTERIOR EXTERIOR

CAT. NO. DW1800A
(Shown with Header Access Panel Removed)

The demand for a heavy-duty use commercial window is certainly a trend in today's fast-paced society. CRL has responded to the wishes of our customers and has developed our DW Series Deluxe Sliding Window. Available in six configurations, each offers a variety of options to choose from, and is custom fabricated to fit the opening. Each window comes glazed with a choice of 1/4" (6 mm) tempered, laminated, tinted, or wire glass, or a 1/2" (12 mm) insulating glass unit. When choosing the configuration, the sliding panel is called out from the clerk's side of the opening.

Contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7760. You can also e-mail us through our web site at crlaurence.com/support.



CAT. NO.	CONFIGURATION*	FINISH	SCREEN
DW1800A	OX or XO	Satin Anodized	No
DW1800DU	OX or XO	Duranodic Bronze	No
DW1800P	OX or XO	Powder Painted (Specify)	No
DW1800K	OX or XO	KYNAR® Painted (Specify)	No
DW2000A	OX or XO	Satin Anodized	Yes
DW2000DU	OX or XO	Duranodic Bronze	Yes
DW2000P	OX or XO	Powder Painted (Specify)	Yes
DW2000K	OX or XO	KYNAR® Painted (Specify)	Yes

Minimum order: 1 each. *Configuration Determined From Clerk Side X = Sliding Panel O = Fixed Panel (Specify when ordering). F.O.B. All CRL Service Centers.

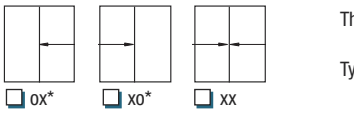
KYNAR is a registered trademark of Autofina Chemicals, Inc.

DW Series Ordering Specifications and Options

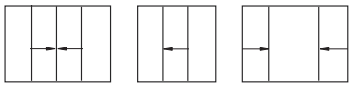
USE THESE SPECIFICATIONS TO DESIGN THE DW SERIES SLIDING WINDOW OF YOUR CHOICE

Specifications

AVAILABLE CONFIGURATIONS:



❑ ox* ❑ xo* ❑ xx



❑ oxxo ❑ oxo ❑ xox

*Configuration Determined From Clerk Side

GLAZING:

Thickness: ❑ 1/4" (6 mm) ❑ 1/2" (12 mm)

Type: ❑ Tempered ❑ Wire ❑ Tinted ❑ Laminated ❑ Insulating: 1/2" (12 mm) only

FINISH:

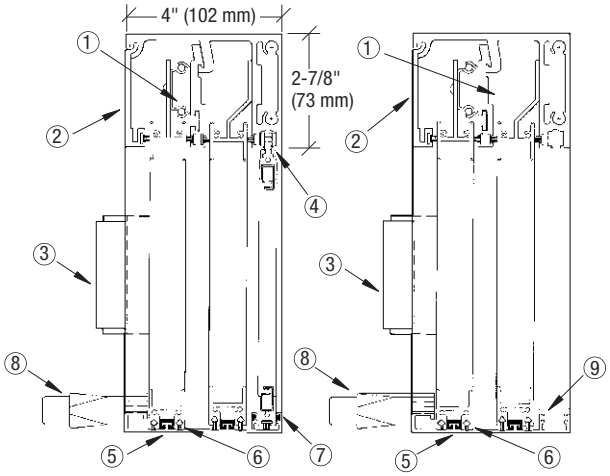
❑ Satin Anodized
❑ Duranodic Bronze
❑ RAL Powder Paint (Specify Color)
❑ Custom KYNAR® Paint (Specify Color)

SCREEN:

❑ With
❑ Without

OPTIONS:

❑ Keyed Lock
❑ Burglar Bar (Select Models)
❑ Full Bottom Track
❑ Open Counter Area
❑ Deal Tray
❑ Stainless Steel Shelf
❑ Laminated Shelf
❑ Surrounding Frames to Form Side Lites
❑ Transoms to Fill Large Openings
❑ Fly Fan Switch
❑ Air Curtain



DW Series Window With Screen

DW Series Window Without Screen

1. Heavy-Duty Anti-Lift Ball Bearing Carrier
2. Removable Header Access Panel
3. Self-Latching Handle
4. Screen Rides on Nylon Rollers
5. Vinyl Track (No Metal-to-Metal Rubbing)
6. Poly-Pile Weatherstripping with Fin
7. Vinyl Guides for Screen (No Metal-to-Metal Rubbing)
8. Optional Keyed Lock
9. Channel Cap on No-Screen Models

CRL (XX DW Series) Two Panel Manual Deluxe Sliding Service Windows

- XX Double Slider Configurations in Four Finishes
- Each Unit is Customized to Your Needs

This Two Panel Manual Deluxe Sliding Service Window has two equally divided sliding panels, which makes for easy transactions. The heavy-duty design and construction will give years of maintenance-free operation. Models are available with or without screens. For a full list of options, please see top of page GG146.



Shown With No Track Under Sliding Panels

CAT. NO.	CONFIGURATION*	FINISH	SCREEN
DW4200A	XX	Satin Anodized	No
DW4200DU	XX	Duranodic Bronze	No
DW4200P	XX	Powder Painted (Specify)	No
DW4200K	XX	KYNAR® Painted (Specify)	No
DW4400A	XX	Satin Anodized	Yes
DW4400DU	XX	Duranodic Bronze	Yes
DW4400P	XX	Powder Painted (Specify)	Yes
DW4400K	XX	KYNAR® Painted (Specify)	Yes

Minimum order: 1 each. *Primary slider clerk's right unless specified left. F.O.B. All CRL Service Centers.

CRL (OXXO DW Series) Four Panel Manual Deluxe Sliding Service Windows

- OXXO Double Slider Configurations in Four Finishes
- Each Unit is Customized to Your Needs

This Four Panel Manual Deluxe Sliding Service Window has two sliding panels that meet in the center and are flanked by fixed side panels, giving you an extra wide service opening. The heavy-duty design and construction will give years of maintenance-free operation. Models are available with or without screens. For a full list of options, please see top of page GG146.



Shown With Full Bottom Track and Keyed Locks

CAT. NO.	CONFIGURATION*	FINISH	SCREEN
DW3400A	OXXO	Satin Anodized	No
DW3400DU	OXXO	Duranodic Bronze	No
DW3400P	OXXO	Powder Painted (Specify)	No
DW3400K	OXXO	KYNAR® Painted (Specify)	No
DW3600A	OXXO	Satin Anodized	Yes
DW3600DU	OXXO	Duranodic Bronze	Yes
DW3600P	OXXO	Powder Painted (Specify)	Yes
DW3600K	OXXO	KYNAR® Painted (Specify)	Yes

Minimum order: 1 each. *Primary slider clerk's right unless specified left. F.O.B. All CRL Service Centers.

CRL (OXO DW Series) Three Panel Manual Deluxe Sliding Service Windows

- OXO Single Slider Configurations in Four Finishes
- Each Unit is Customized to Your Needs

This Manual Deluxe Sliding Service Window is an equally divided, three panel window that has a center sliding panel. The heavy-duty design and construction will give years of maintenance-free operation. Models are available with or without screens. For a full list of options, please see top of page GG146.



Shown With No Track Under Sliding Panel

CAT. NO.	CONFIGURATION*	FINISH	SCREEN
DW2600A	OXO	Satin Anodized	No
DW2600DU	OXO	Duranodic Bronze	No
DW2600P	OXO	Powder Painted (Specify)	No
DW2600K	OXO	KYNAR® Painted (Specify)	No
DW2800A	OXO	Satin Anodized	Yes
DW2800DU	OXO	Duranodic Bronze	Yes
DW2800P	OXO	Powder Painted (Specify)	Yes
DW2800K	OXO	KYNAR® Painted (Specify)	Yes

Minimum order: 1 each. *X = Sliding Panel. Slider opens to clerk's right unless specified left. F.O.B. All CRL Service Centers.

CRL (XOX DW Series) Three Panel Manual Deluxe Sliding Service Windows

- XOX Double Slider Configurations in Four Finishes
- Each Unit is Customized to Your Needs

MORE INFORMATION crlaurence.com

This Manual Deluxe Sliding Service Window has three divided panels, two sliders and a center fixed panel that is twice the width of the sliders. This allows for both sliding panels to be operated simultaneously. The heavy-duty design and construction will give years of maintenance-free operation. Models are available with or without screens. For a full list of options, please see top of page GG146.



Shown With No Track Under Sliding Panels and Keyed Locks

CAT. NO.	CONFIGURATION*	FINISH	SCREEN
DW5000A	XOX	Satin Anodized	No
DW5000DU	XOX	Duranodic Bronze	No
DW5000P	XOX	Powder Painted (Specify)	No
DW5000K	XOX	KYNAR® Painted (Specify)	No
DW5200A	XOX	Satin Anodized	Yes
DW5200DU	XOX	Duranodic Bronze	Yes
DW5200P	XOX	Powder Painted (Specify)	Yes
DW5200K	XOX	KYNAR® Painted (Specify)	Yes

Minimum order: 1 each. X = Sliding Panel O = Fixed Panel. F.O.B. All CRL Service Centers.

Drawings and Specifications are Available at crlaurence.com

KYNAR is a registered trademark of Autofina Chemicals, Inc.

CRL Self-Closing Deluxe Sliding Service Window (SCDW Series)

- Each Unit is Custom Fabricated to Fit Opening
- One Fixed and One Sliding Panel Configuration
- Self-Closing Mechanism and Self-Latching Handle Included
- Removable Header Access Panel for Easy Servicing
- Drawings and Specifications Are Available at crlaurence.com

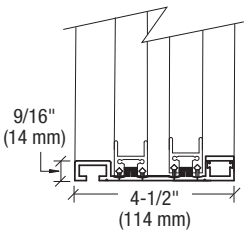
C.R. Laurence "SCDW" Series Service Windows incorporate the self-closing feature typically required by the fast food industry. These high quality windows are manufactured for interior or exterior, high or low usage applications. Self-Closing function is provided with high quality components designed for trouble-free operation.

Glazing and sill conditions will be discussed, and our Transaction Hardware professionals will help you select the options that will result in a window that meets your customer's needs and expectations.

Fully automatic models are also available, go to **crlaurence.com/service-windows** for additional information, or contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7760. You can also e-mail us through our web site at **crlaurence.com/support**.



Sill Conditions Available



CAT. NO. SCDW1801

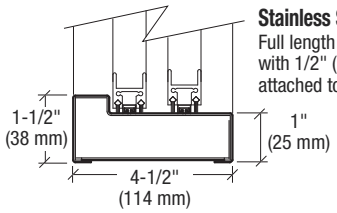
Aluminum Half Bottom Track

Window includes half bottom track. Provides clear service opening with no track under slider.

CAT. NO. SCDW1802

Aluminum Full Bottom Track

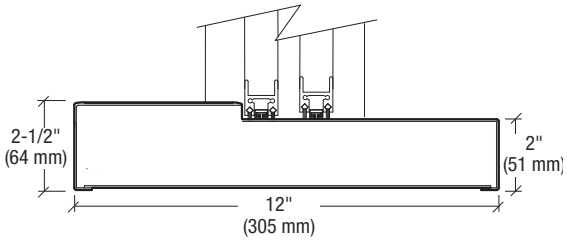
Window includes full bottom track.



CAT. NO. SCDW1803

Stainless Steel Sill

Full length stainless steel sill with 1/2" (12 mm) step down attached to bottom of window.

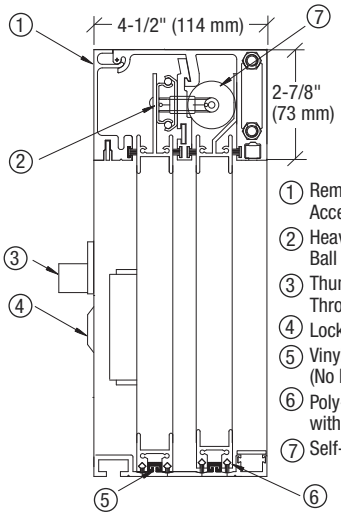


CAT. NO. SCDW1804

Stainless Steel Shelf

Full length stainless steel shelf with 1/2" (12 mm) step down attached to bottom of window.

KYNAR is a registered trademark of Autofina Chemicals, Inc.



1. Removable Header Access Panel
2. Heavy-Duty Anti-Lift Ball Bearing Carrier
3. Thumbturn Hook Throw Deadlock
4. Locked/Unlocked Indicator
5. Vinyl Track (No Metal-to-Metal Rubbing)
6. Poly-Pile Weatherstripping with Fin
7. Self-Closing Hardware

SPECIFICATIONS:

Materials: Aluminum Extrusions; Pile Weatherstrip; Glazing Vinyl; Stainless Steel Shelf or Sill

Finishes: Satin Anodized, Duranodic Bronze, RAL Powder Painted or Kynar Painted

Glazing Options: 1/4" to 1/2" (6 to 12 mm) Tempered, Laminated or Tinted Glass; 1/2" (12 mm) Insulating Glass Unit

Option: Fly Fan Switch

To Determine Rough Opening: Add 1/2" (12 mm) to width; 1/4" (6 mm) to height of frame, including the track, sill or shelf

NOTE: 26" (660 mm) is the minimum frame width for SCDW Series Windows

CAT. NO.	CONFIGURATION*	SILL CONDITION	FINISH
SCDW1801A	XO or OX	Aluminum Half Bottom Track	Satin Anodized
SCDW1801DU	XO or OX	Aluminum Half Bottom Track	Duranodic Bronze
SCDW1801P	XO or OX	Aluminum Half Bottom Track	Powder Painted (Specify)
SCDW1801K	XO or OX	Aluminum Half Bottom Track	KYNAR® Painted (Specify)
SCDW1802A	XO or OX	Aluminum Full Bottom Track	Satin Anodized
SCDW1802DU	XO or OX	Aluminum Full Bottom Track	Duranodic Bronze
SCDW1802P	XO or OX	Aluminum Full Bottom Track	Powder Painted (Specify)
SCDW1802K	XO or OX	Aluminum Full Bottom Track	KYNAR® Painted (Specify)
SCDW1803A	XO or OX	Stainless Steel Sill	Satin Anodized
SCDW1803DU	XO or OX	Stainless Steel Sill	Duranodic Bronze
SCDW1803P	XO or OX	Stainless Steel Sill	Powder Painted (Specify)
SCDW1803K	XO or OX	Stainless Steel Sill	KYNAR® Painted (Specify)
SCDW1804A	XO or OX	Stainless Steel Shelf	Satin Anodized
SCDW1804DU	XO or OX	Stainless Steel Shelf	Duranodic Bronze
SCDW1804P	XO or OX	Stainless Steel Shelf	Powder Painted (Specify)
SCDW1804K	XO or OX	Stainless Steel Shelf	KYNAR® Painted (Specify)

Minimum order: 1 each. *Configuration Determined From Clerk Side X = Sliding Panel O = Fixed Panel (Specify when ordering).
F.O.B. All CRL Service Centers.

CRL Bi-Fold Service Windows

MORE INFORMATION crlaurence.com

• Select From Manual or Semi-Automatic Operation

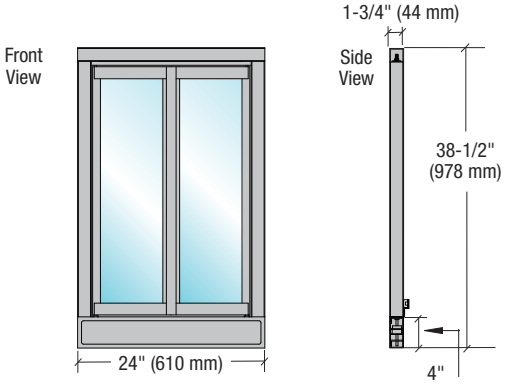
C.R. Laurence Bi-Fold Service Windows are perfect anywhere a high quality bi-folding window is required. Features include two panels that simultaneously open outward towards the customer, and a burglar bar for extra security. Flush Mount models are available in two different configurations: **MANUAL** - Both panels move simultaneously as either panel is manually operated. **SEMI-AUTOMATIC** - Opening the window is achieved by pushing on the hip activated slide bar. Step away from the window and the two panels automatically close. Custom sizes and custom paint colors are available by special order. Projected models are also available, go to **crlaurence.com/service-windows** for additional information, or contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7760. You can also e-mail us through our web site at **crlaurence.com/support**.

CRL Flush Mount Manual Bi-Fold Service Windows (BFW Series)

• Available in Stock or Custom Sizes, and Stock or Custom Finishes

• Drawings and Specifications Are Available at crlaurence.com

SPECIFICATIONS:
Materials: Aluminum Extrusions; Pile Weatherstrip; Glazing Vinyl; Stainless Steel Shelf or Stainless Steel Sill
Glazing: 1/4" (6 mm) Clear Tempered Glass
Stock Finishes: Satin Anodized or Duranodic Bronze
Bi-Fold Configuration: Manual
To Determine Rough Opening:
Add 1/2" (12 mm) to Width, 1/4" (6 mm) to Height





Flush Mount Manual Model (Viewed from Clerk Side)

NOTE: Manual models can be ordered with pivot mechanism at header for clear counter by others.

CAT. NO.	SERVICE OPENING SIZE (W X H)	OVERALL SIZE (W X H)	FINISH
BFW1A	17-3/4" x 32-1/4" (451 x 819 mm)	24" x 38-1/2" (610 x 978 mm)	Satin Anodized
BFW1DU	17-3/4" x 32-1/4" (451 x 819 mm)	24" x 38-1/2" (610 x 978 mm)	Duranodic Bronze
BFW1C	Custom Model - Must Specify	Custom Model – Must Specify	Specify Color

Minimum order: 1 each. F.O.B. All CRL Service Centers.

INTERIOR EXTERIOR

CRL Flush Mount Semi-Automatic Bi-Fold Service Windows (SCBFW Series)

• Hip-Activated Opening Feature

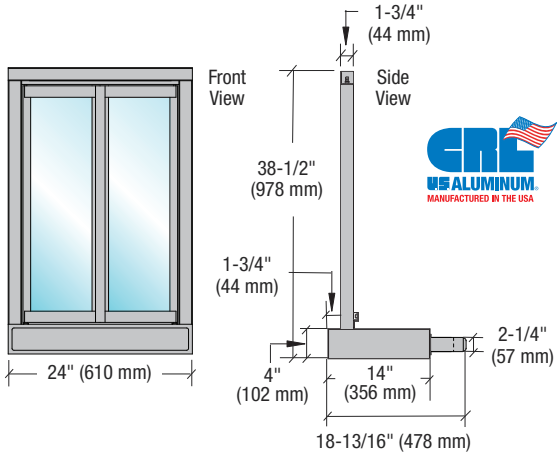
• Self-Closing

• Stock or Custom Sizes Available

• Satin Anodized, Duranodic Bronze, and Custom Finishes Available

• Drawings and Specifications Are Available at crlaurence.com

SPECIFICATIONS:
Materials: Aluminum Extrusions; Pile Weatherstrip; Glazing Vinyl; Stainless Steel Shelf
Glazing: 1/4" (6 mm) Clear Tempered Glass
Stock Finishes: Satin Anodized or Duranodic Bronze
Bi-Fold Configuration: Self-Closing
To Determine Rough Opening: Add 1/2" (12 mm) to Width, 1/4" (6 mm) to Height





Flush Mount Semi-Automatic Model (Viewed from Clerk Side)

CAT. NO.	SERVICE OPENING SIZE (W X H)	OVERALL SIZE (W X H)	FINISH
SCBFW1A	17-3/4" x 32-1/4" (451 x 819 mm)	24" x 38-1/2" (610 x 978 mm)	Satin Anodized
SCBFW1DU	17-3/4" x 32-1/4" (451 x 819 mm)	24" x 38-1/2" (610 x 978 mm)	Duranodic Bronze
SCBFW1C	Custom Model – Must Specify	Custom Model – Must Specify	Specify Color

Minimum order: 1 each. F.O.B. All CRL Service Centers.

INTERIOR EXTERIOR

CRL Manual Standard Sliding Service Windows (SW Series)

MORE INFORMATION crlaurence.com

CRL US ALUMINUM MANUFACTURED IN THE USA

- For Light Duty Applications of 50 or Fewer Uses Per Day
- Vertical and Horizontal Formats
- Each Unit is Customized to Your Needs
- Frame Extrusions Vary for Different Models: Drawings, Specifications, and Additional Styles are Available at crlaurence.com/sw-windows

"SW" Series Service Windows are available for interior or exterior applications, with a variety of formats and options to choose from. Uses include walk-up food service, receptionist or pharmacy windows. Horizontal Windows operate with top nylon guides. For larger Horizontal Windows, a full bottom track with rollers is required. Vertical Windows include nylon runners over coiled tension springs to provide smooth operation. Large Vertical Windows require sash balances. **NOTE:** Size restrictions apply. For Horizontal Windows the maximum height is 48" (1219 mm), and 42" (1067 mm) for XX format units. Transoms and sidelites are available for larger openings. An overhang or awning is recommended if SW Series Windows are used in an exterior application. Contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. Ask for Ext. 7760. You can also e-mail us through our web site at **crlaurence.com/support**.

CRL XO or OX Format Single Sliding Horizontal Service Windows

MORE MODELS crlaurence.com

INTERIOR EXTERIOR

QUICK-FAB

- Single Opening and Single Fixed Panel
- Available With or Without a Screen



SPECIFICATIONS:

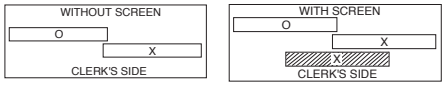
Materials: Extruded Aluminum; Tempered Safety Glass (on some models); Fiberglass Screen (on some models)

Finishes: Satin Anodized, Duranodic Bronze, RAL Powder Painted* or KYNAR® Painted*

Glazing: 1/8" (3 mm) or 1/4" (6 mm) Tempered Glass; 1/2" (12 mm) Insulating Glass (on some models); Vinyl Supplied on All Models

Installation Instructions Included

*Must specify color.



SATIN ANODIZED CAT. NO.	DURANODIC BRONZE CAT. NO.	GLAZING	SCREEN
SW1800A	SW1800DU	1/4" (6 mm) or 1/8" (3 mm) Vinyl Only	No
SW1814A	SW1814DU	1/4" (6 mm) Glass	No
SW1818A	SW1818DU	1/8" (3 mm) Glass	No
SW2000A	SW2000DU	1/4" (6 mm) or 1/8" (3 mm) Vinyl Only	Yes
SW2014A	SW2014DU	1/4" (6 mm) Glass	Yes
SW2018A	SW2018DU	1/8" (3 mm) Glass	Yes
SW2200A	SW2200DU	1/2" (12 mm) Vinyl Only for I.G. Unit	No
SW2212A	SW2212DU	1/2" (12 mm) Insulating Glass	No
SW2400A	SW2400DU	1/2" (12 mm) Vinyl Only for I.G. Unit	Yes
SW2412A	SW2412DU	1/2" (12 mm) Insulating Glass	Yes

Minimum order: 1 each. F.O.B. All CRL Service Centers.

These Horizontal Sliding Service Windows have one sliding and one fixed panel. Models are available non-glazed or pre-glazed with your choice of 1/8" (3 mm) or 1/4" (6 mm) tempered glass, or 1/2" (12 mm) insulating glass, either with or without a screen. All windows are shipped assembled.
NOTE: Specify left or right hand sliding panel (from clerk's side) when ordering. Surround Frame is not available for insulating glass models. If ordered with a Keyed Lock the screen panel will be installed in the center channel. An overhang is recommended if used in an exterior application.

KYNAR is a registered trademark of Autofina Chemicals, Inc.

CRL Vertical Sliding Service Windows

- Fixed Top Panel; Sliding Lower Panel
- Available With or Without a Screen
- Available Pre-Glazed or Non-Glazed

- Drawings, Specifications, and Additional Options are Available at crlaurence.com

MORE INFORMATION crlaurence.com

These Vertical Sliding Service Windows have one lower sliding panel and one fixed upper panel. They are normally supplied with vinyl to accommodate 1/4" (6 mm) glazing materials, but some models can be ordered pre-glazed with 1/4" (6 mm) tempered glass. All windows are shipped assembled, ready for glazing and installation. An overhang or awning is recommended if used in an exterior application.

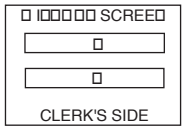
NOTE: Windows exceeding 1050 square inches (width x height) will require a covered top to conceal sash balances (see below).

CAT. NO.	FINISH	GLAZING	SCREEN
SW1000A	Satin Anodized	1/4" (6 mm) Vinyl Only	No
SW1000DU	Duranodic Bronze	1/4" (6 mm) Vinyl Only	No
SW1014A	Satin Anodized	1/4" (6 mm) Glass	No
SW1014DU	Duranodic Bronze	1/4" (6 mm) Glass	No
SW1014P	Painted (Specify)	1/4" (6 mm) Glass	No
SW1200A	Satin Anodized	1/4" (6 mm) Vinyl Only	Yes
SW1200DU	Duranodic Bronze	1/4" (6 mm) Vinyl Only	Yes
SW1214A	Satin Anodized	1/4" (6 mm) Glass	Yes
SW1214DU	Duranodic Bronze	1/4" (6 mm) Glass	Yes
SW1214P	Painted (Specify)	1/4" (6 mm) Glass	Yes

Minimum order: 1 each. F.O.B. All CRL Service Centers.

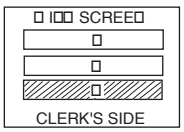


Clerk's Side
SERIES SW1000
NO SCREEN
1-3/8" (35 mm) Frame





Clerk's Side
SERIES SW1200
WITH SCREEN
2-1/4" (57 mm) Frame



CRL Vertical Sliding Service Windows With Sash Balances

- For Windows Exceeding 1050 Square Inches (Width x Height)
- Available With or Without a Screen
- Available Pre-Glazed or Non-Glazed

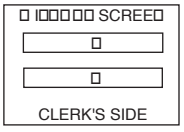
All larger Vertical Format Service Windows which exceed 1050 square inches (width x height) require Sash Balances. They are concealed behind a 4-5/8" (117 mm) tall header. An overhang is recommended if used in an exterior application.

CAT. NO.	FINISH	GLAZING	SCREEN
SWB1000A	Satin Anodized	1/4" (6 mm) Vinyl Only	No
SWB1000DU	Duranodic Bronze	1/4" (6 mm) Vinyl Only	No
SWB1014A	Satin Anodized	1/4" (6 mm) Glass	No
SWB1014DU	Duranodic Bronze	1/4" (6 mm) Glass	No
SWB1200A	Satin Anodized	1/4" (6 mm) Vinyl Only	Yes
SWB1200DU	Duranodic Bronze	1/4" (6 mm) Vinyl Only	Yes
SWB1214A	Satin Anodized	1/4" (6 mm) Glass	Yes
SWB1214DU	Duranodic Bronze	1/4" (6 mm) Glass	Yes
SWB1400A	Satin Anodized	Pocket 1/4" (6 mm) Vinyl Only	No
SWB1400DU	Duranodic Bronze	Pocket 1/4" (6 mm) Vinyl Only	No
SWB1414A	Satin Anodized	Pocket 1/4" (6 mm) Glass	No
SWB1414DU	Duranodic Bronze	Pocket 1/4" (6 mm) Glass	No

Minimum order: 1 each. F.O.B. All CRL Service Centers.

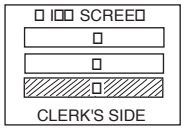


Clerk's Side
SERIES SWB1000
WITH SASH BALANCES
NO SCREEN



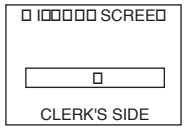


Clerk's Side
SERIES SWB1200/V3636
WITH SASH BALANCES
AND SCREEN





Clerk's Side
SERIES SWB1400
WITH SASH BALANCES
NO SCREEN, NO TOP PANEL



KYNAR is a registered trademark of Autofina Chemicals, Inc.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL Horizontal Sliding Pass-Thru Window Assemblies

MORE INFORMATION crlaurence.com



QUICK-FAB

INTERIOR USE

- Custom Cut to Your Specifications for Opening Width and Height
- Shipped Knocked Down and Ready to Assemble
- You Supply the Labor and Glass
- Two Attractive Finishes: Satin Anodized or Duranodic Bronze
- Some Models Available With Screens

Horizontal Sliding Pass-Thru Window Assemblies are made to fit your exact specifications. You advise the height and width of the opening, and your preferred deductions, we will ship a K.D. Pass-Thru that's ready to assemble and install between adjoining rooms in interior serving window applications. Pass-Thrus offer the advantages of pass through convenience while open, and serve as a sound and draft barrier when closed.

Choose from our six distinctive styles found on our website **crlaurence.com/pass-thrus** for total design flexibility. Single or double action bypassing panels can be ordered with or without screens. Each design comes with your choice of overhead track, so you'll be able to match existing storefront metal. Any one of three glazing vinyls are used, depending on the thickness of glass you intend to use. Panels roll smoothly on ball bearing rollers using low profile guides to leave an unobstructed counter.

The following is included: Top Track, Side Jambs, Rollers, Guides, Catches, and Glazing Vinyl. Easy to follow instructions are shipped with each Pass-Thru.

All units ship with a latching device (at the header only for XX or XOX 1/3-1/3-1/3 styles. Specify either 3/16" (5 mm) or 1/4" (6 mm) glazing vinyl when ordering. Other options include Keyed Locks, screens (except Daisy model), oversize D1670 Track (except for XX models) and full bottom track (standard models have no bottom track).

Overhead Track Choices

All models (with the exception of Daisy) come with your choice of D1670 or D7 Overhead Track. Daisy comes with your choice of D6 or D4 Overhead Track. When matching a storefront extrusion made of 1-3/4" x 3" (44.4 x 76.2 mm) rectangular tubing, the D1670 Upper Track may be used. See page GG155 for all Overhead Track details.

Restrictions

- Maximum Frame Height: 50" (1270 mm)
- Maximum Overall Width is 36" (914 mm) per Sliding Panel; 72" (1828 mm) per Fixed Panel
- Units Require Separate Openings. Side-by-Side Installations Require Vertical Mullions Provided by the Installer
- Windows Recommended for Interior Use Only

Notes

Units are designed to fit tight into a finished opening. CRL recommends ordering the frame size 1/8" (3 mm) less in width and height than the tightest wall opening dimensions. Sliding panels are typically guided by a retractable guide inserted into the counter or drywall opening. Full bottom tracks are available as an option. All units ship with simple manual latches. Keyed locks are available factory-installed if ordered as an option. Glass sizes are available upon request at time of order.

*Handing of Sliding Panels

When specifying fixed or sliding panels, handing is taken from the clerk's side of the opening.

O	X
Fixed Panel	Sliding Panel

If you need to make an overhead drawing, use "X" to indicate a sliding panel, "O" to indicate a fixed panel. This will help to avoid confusion. Remember, all specifications are taken from the clerk's side.

*Design Assistance

For additional information contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext.7760. You can also e-mail us through our web site at **crlaurence.com/support**.

CRL Florence Model Pass-Thru

- Two Panels: One Fixed, One Sliding
- Available With or Without Screens

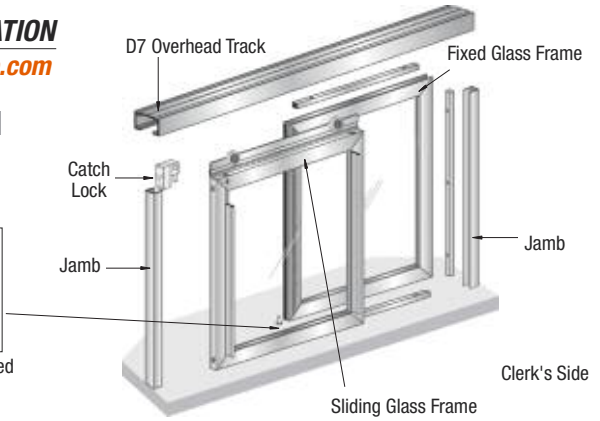
The Florence Pass-Thru gives you the benefit of an unobstructed counter surface and easy rolling overhead track. Florence is a two-panel window, one fixed and one sliding. Sliding panel is called out from the clerk's side of the opening.

MORE INFORMATION crlaurence.com

INTERIOR USE

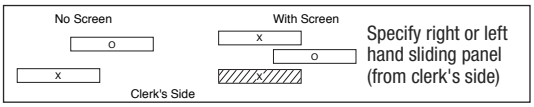
CAT. NO.	FINISH	OVERHEAD TRACK	SCREEN
D1018A	Satin Anodized	D7	Yes
D1018DU	Duranodic Bronze	D7	Yes
D1019A	Satin Anodized	D1670	Yes
D1019DU	Duranodic Bronze	D1670	Yes
D1038A	Satin Anodized	D7	No
D1038DU	Duranodic Bronze	D7	No
D1039A	Satin Anodized	D1670	No
D1039DU	Duranodic Bronze	D1670	No

Minimum order: 1 each. F.O.B. All CRL Service Centers.



Overhead Track Options





CRL Fawn Model Pass-Thru

- Three Panels: One Fixed, Two Sliding
- Available With or Without Screens

Fawn Pass-Thru Windows have a center fixed panel approximately twice the size of the sliding panels. This allows both sliding panels to be opened at the same time. You also have the option of including screens.

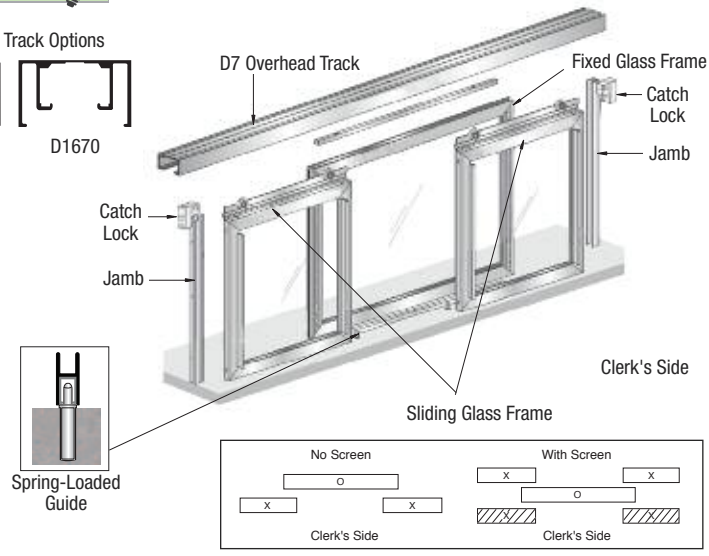
INTERIOR USE

Overhead Track Options



CAT. NO.	FINISH	OVERHEAD TRACK	SCREEN
D1025A	Satin Anodized	D7	Yes
D1025DU	Duranodic Bronze	D7	Yes
D1026A	Satin Anodized	D1670	Yes
D1026DU	Duranodic Bronze	D1670	Yes
D1027A	Satin Anodized	D7	No
D1027DU	Duranodic Bronze	D7	No
D1028A	Satin Anodized	D1670	No
D1028DU	Duranodic Bronze	D1670	No

Minimum order: 1 each. F.O.B. All CRL Service Centers.



CRL Arlene Model Pass-Thru

- Three Panels: One Fixed, Two Sliding
- Two Overhead Track Options

The Diane Pass-Thru has two sliding panels that meet in the center and are flanked by fixed side panels, giving you an extra wide, unobstructed counter surface. Screens are not available.

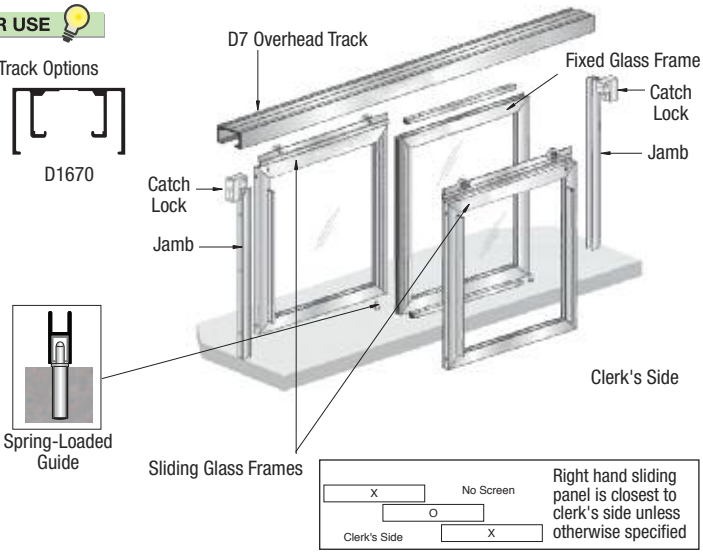
INTERIOR USE

Overhead Track Options



CAT. NO.	FINISH	OVERHEAD TRACK	JAMBS
D1022A	Satin Anodized	D7	No
D1022DU	Duranodic Bronze	D7	No
D1023A	Satin Anodized	D1670	No
D1023DU	Duranodic Bronze	D1670	No

Minimum order: 1 each. F.O.B. All CRL Service Centers.



CRL Barbara Model Pass-Thru

MORE INFORMATION crlaurence.com

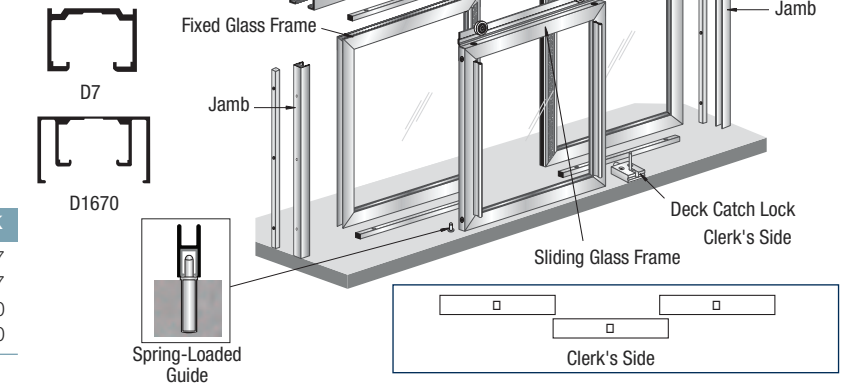
INTERIOR USE

- Three Panels: Two Fixed, One Sliding
- Two Overhead Track Options

Barbara Pass-Thru Assemblies are equally divided, three panel windows that have a center sliding panel. Screens are not available.

CAT. NO.	FINISH	OVERHEAD TRACK
D1029A	Satin Anodized	D7
D1029DU	Duranodic Bronze	D7
D1030A	Satin Anodized	D1670
D1030DU	Duranodic Bronze	D1670

Minimum order: 1 each. F.O.B. All CRL Service Centers.



CRL Diane Model Pass-Thru

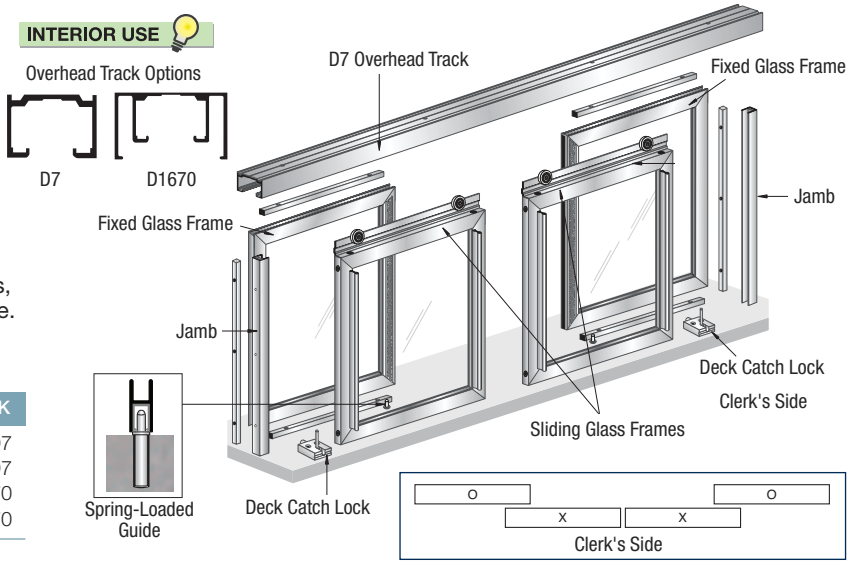
INTERIOR USE

- Four Panels: Two Fixed, Two Sliding
- Two Overhead Track Options

The Diane Pass-Thru has two sliding panels that meet in the center and are flanked by fixed side panels, giving you an extra wide, unobstructed counter surface. Screens are not available.

CAT. NO.	FINISH	OVERHEAD TRACK
D1031A	Satin Anodized	D7
D1031DU	Duranodic Bronze	D7
D1032A	Satin Anodized	D1670
D1032DU	Duranodic Bronze	D1670

Minimum order: 1 each. F.O.B. All CRL Service Centers.



CRL Daisy Model Pass-Thru

INTERIOR USE

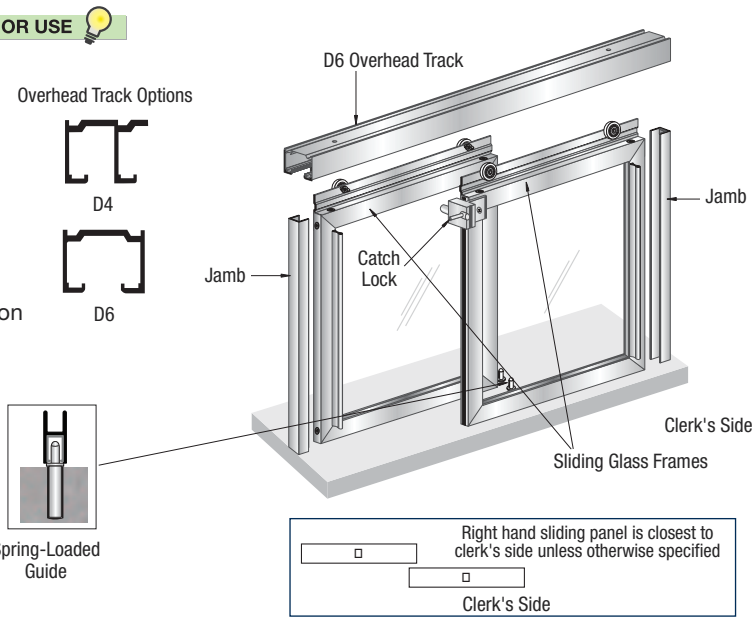
- Two Sliding Glass Panels
- Two Overhead Track Options

The Daisy Pass Thru is the finest window of its type. The two panels are equally divided (both sliding), giving you the benefit of an unobstructed counter surface and an easy rolling overhead track. Ideal for receptionist window, cashier window, office, and pass-thru applications.

Two types of headers are available: the standard D6 Overhead Track, or the back-loading D4 Overhead Track. You have the option of ordering it with or without jambs. Screens are not available.

CAT. NO.	FINISH	OVERHEAD TRACK	JAMBS
D1040A	Satin Anodized	D4	Yes
D1040DU	Duranodic Bronze	D4	Yes
D1041A	Satin Anodized	D6	Yes
D1041DU	Duranodic Bronze	D6	Yes
D1042A	Satin Anodized	D4	No
D1042DU	Duranodic Bronze	D4	No
D1043A	Satin Anodized	D6	No
D1043DU	Duranodic Bronze	D6	No

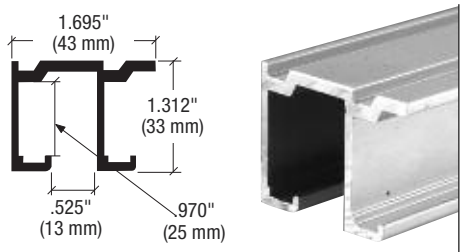
Minimum order: 1 each. F.O.B. All CRL Service Centers.



CRL Horizontal Sliding Pass-Thru Window Components

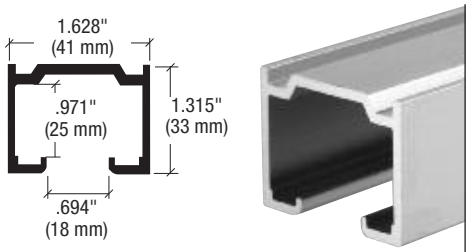
MORE INFORMATION crlaurence.com

CRL Overhead Tracks



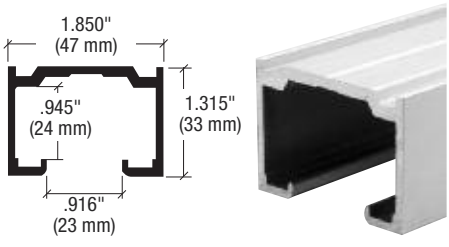
CAT. NO.	STOCK LENGTH	FINISH
D4A	12' (3.66 m)*	Satin Anodized
D4DU	12' (3.66 m)*	Duranodic Bronze

Minimum order: 1 stock length.



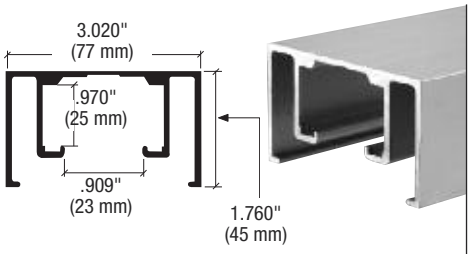
CAT. NO.	STOCK LENGTH	FINISH
D6A	12' (3.66 m)*	Satin Anodized
D6DU	12' (3.66 m)*	Duranodic Bronze

Minimum order: 1 stock length.



CAT. NO.	STOCK LENGTH	FINISH
D7A	12' (3.66 m)*	Satin Anodized
D7DU	12' (3.66 m)*	Duranodic Bronze

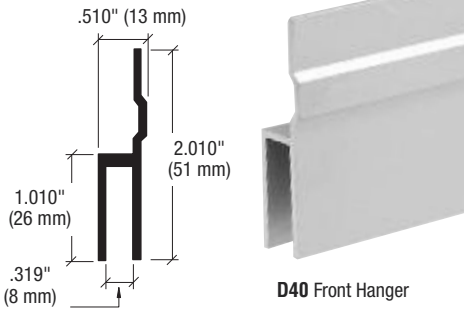
Minimum order: 1 stock length.



CAT. NO.	STOCK LENGTH	FINISH
D1670A	10' (3.05 m)*	Satin Anodized
D1670DU	10' (3.05 m)*	Duranodic Bronze

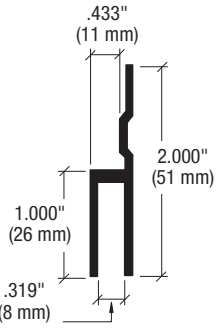
Minimum order: 1 stock length.

CRL Hangers





D40 Front Hanger



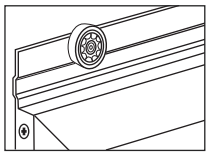


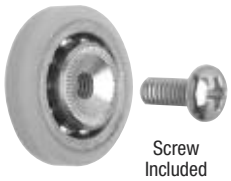
D41 Rear Hanger

CAT. NO.	DESCRIPTION	STOCK LENGTH	FINISH
D40A	Front Hanger	12' (3.66 m)*	Satin Anodized
D40DU	Front Hanger	12' (3.66 m)*	Duranodic Bronze
D41A	Rear Hanger	12' (3.66 m)*	Satin Anodized
D41DU	Rear Hanger	12' (3.66 m)*	Duranodic Bronze

Minimum order: 1 stock length. **NOTE:** Use with Cat. No. D679 Nylon Ball Bearing Rollers.

CRL Nylon Ball Bearing Roller



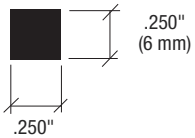


Screw Included

CAT. NO.	DESCRIPTION	DIAMETER
D679	Ball Bearing Roller	7/8" (22.2 mm)

Minimum order: 1 each.

CRL 1/4" Bar Stock



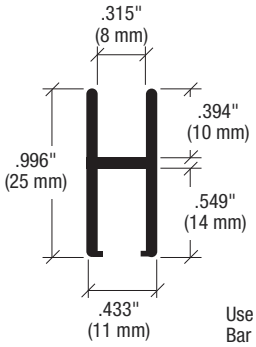


Use with Cat. No. D610 Framing to mount fixed lites.

CAT. NO.	STOCK LENGTH	FINISH
D637M	12' (3.66 m)*	Mill

Minimum order: 1 stock length.

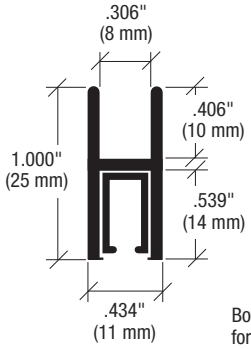
CRL Frame Extrusions





D610

Use with Cat. No. D637M Bar Stock for fixed lites top, bottom, and wall side.





D1611

Bottom Member for Sliding Panel

CAT. NO.	DESCRIPTION	STOCK LENGTH	FINISH
D610A	Fixed Lite Frame	12' (3.66 m)*	Satin Anodized
D610DU	Fixed Lite Frame	12' (3.66 m)*	Duranodic Bronze
D1611A	Slider Lower Frame	12' (3.66 m)*	Satin Anodized
D1611DU	Slider Lower Frame	12' (3.66 m)*	Duranodic Bronze

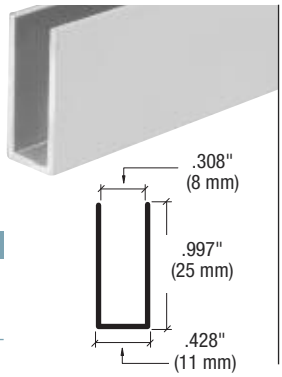
Minimum order: 1 stock length. **NOTE:** Use with Cat. No. D679 Nylon Ball Bearing Rollers.

*All aluminum extrusions can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than 10 combined lengths. Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for UPS. A Cutting Charge will apply.

CRL Horizontal Sliding Pass-Thru Window Components

CRL Vertical Frame Extrusion

This versatile extrusion is used to frame glass edges. Profile matches our D1623 Dust Proof Rail (see below).

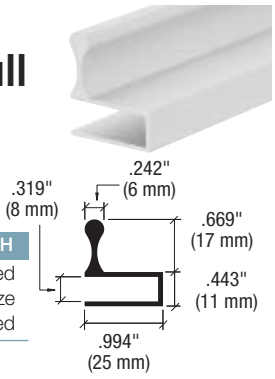


CAT. NO.	STOCK LENGTH	FINISH
D623A	12' (3.66 m)*	Satin Anodized
D623DU	12' (3.66 m)*	Duranodic Bronze
D623GA	12' (3.66 m)*	Gold Anodized

Minimum order: 1 stock length.

CRL Vertical Frame Extrusion With Finger Pull

Designed for use on 1/4" (6 mm) glass. Profile matches D623 Frame Extrusion.

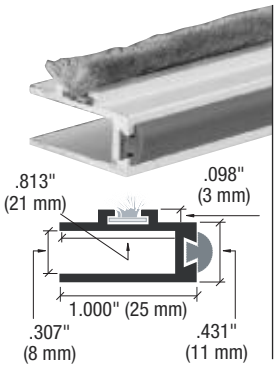


CAT. NO.	STOCK LENGTH	FINISH
D639A	12' (3.66 m)*	Satin Anodized
D639DU	12' (3.66 m)*	Duranodic Bronze
D639GA	12' (3.66 m)*	Gold Anodized

Minimum order: 1 stock length.

CRL Dust Proof Rail With Bumper

The Wiper provides a seal between the sliding tracks. Bumper cushions glass closure.

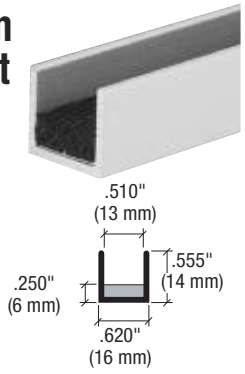


CAT. NO.	STOCK LENGTH	FINISH
D1623A	12' (3.66 m)*	Satin Anodized
D1623DU	12' (3.66 m)*	Duranodic Bronze

Minimum order: 1 stock length.

CRL Single Jamb Extrusion With Sponge Rubber Insert

Single Jamb Extrusion is used when a single vertical jamb is required. The sponge rubber insert acts as a cushion so there is no glass-to-metal or metal-to-metal contact.

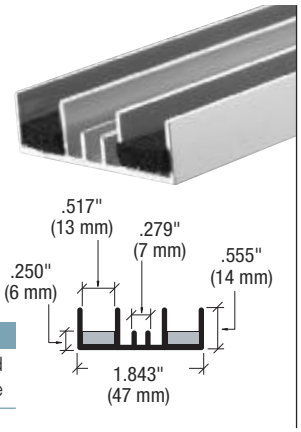


CAT. NO.	STOCK LENGTH	FINISH
D606A	12' (3.66 m)*	Satin Anodized
D606DU	12' (3.66 m)*	Duranodic Bronze

Minimum order: 1 stock length.

CRL Double Jamb Extrusion With Sponge Rubber Inserts

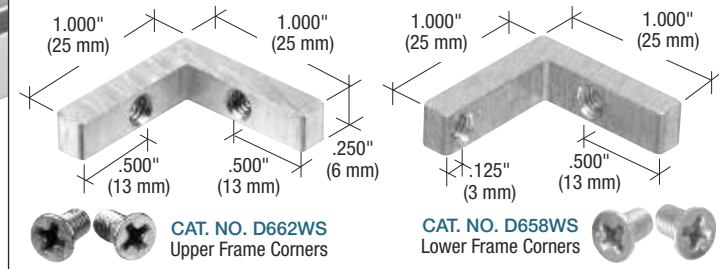
This extrusion is used when a double jamb is required, typically for models with Screens. The sponge rubber insert acts as a cushion so there is no glass-to-metal or metal-to-metal contact.



CAT. NO.	STOCK LENGTH	FINISH
D1606A	12' (3.66 m)*	Satin Anodized
D1606DU	12' (3.66 m)*	Duranodic Bronze

Minimum order: 1 stock length.

CRL Frame Corners With Screws



CAT. NO. D662WS
Upper Frame Corners

CAT. NO. D658WS
Lower Frame Corners

Designed to connect and attach Aluminum Frame Extrusions The Corner is inserted inside the Frame, and then fastened with the two screws that are included. Minimum order is one each **NOTE:** Cat. No. D658WS – Left side inserts into horizontal extrusion. Right side inserts into vertical extrusion.

CRL Deck Catches

Spring loaded retractable plunger can be positioned to block the path of the sliding panel frame.



LOW PROFILE CAT. NO.	STANDARD CAT. NO.	FINISH
D812A	D813A	Satin Anodized
D812DU	D813DU	Duranodic Bronze

Minimum order: 1 each.

CRL Spring Loaded Catch

Designed to be used on bypassing doors. It mounts on the Front Hanger, and the plunger locks into a 9/32" (7 mm) hole drilled in the Back Hanger.



CAT. NO.	FINISH
D52A	Satin Anodized
D52DU	Duranodic Bronze

Minimum order: 1 each.

CRL Handed Window Catch

Handed Window Catch for mounts next to the jamb near the top of the opening where the plunger locks into a 9/32" (7 mm) hole drilled into the sliding panel.



Left Hand Shown

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH
D53ALH	D53ARH	Satin Anodized
D53DULH	D53DURH	Duranodic Bronze

Minimum order: 1 each. Handing is viewed from exterior side and is reversible.

*All aluminum extrusions can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than 10 combined lengths. Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for UPS. A Cutting Charge will apply.

CRL Transaction, Bullet Resistant, and Security Hardware

- **Quality Products and Helpful Information are Just Clicks Away, Anytime, and at Your Convenience**
- **Stock and Custom Fabrication Available**

You can also view our complete product line of Transaction and Security Hardware by going to **crlaurence.com/security**. See the complete selection of products for the secure transfer of cash, documents, and merchandise. You'll see a full array of hardware for commercial use in retail stores, banks, check cashing counters, theaters, arenas, stadiums, concert halls, and other venues where cash and credit card transactions are processed face-to-face, and security concerns for both merchant and customer are at a premium.



Bullet Resistant Doors



Bullet Resistant Sliding Windows

MORE INFORMATION crlaurence.com



Exterior Window



Interior Window

All Electric Fully Automatic Service Windows



CRL Expert Technical Assistance With Your Transaction Projects

- **Experienced, Knowledgeable Team Dedicated From Start to Finish**

The CRL Transaction Technical Sales Department is a full time staff trained in the proper design and installation of our Transaction Hardware products. We work with architects and designers to create "solutions" specifically built to meet their needs. The latest computer assisted design technology is used to join quality materials and our experience in manufacturing with your ideas to give you what you want.

If our wide variety of standard size products won't fit your needs exactly, CRL can custom build to your specifications. Our manufacturing facility has a staff of engineers who will design a product that you can install with full confidence that it will meet your customer's needs in terms of performance and aesthetics.



Call **(800) 421-6144** from anywhere in the U.S.
Call **(877) 421-6144** from anywhere in Canada
Call **(323) 588-1281** from outside the U.S. and Canada
Ask for **Extension 7760**
Direct Fax **(800) 458-7496**
Direct e-mail **transaction@crlaurence.com**

Bullet Resistant Protection Level Ratings

MORE INFORMATION crlaurence.com

IMPORTANT NOTE!
Regarding U.L. 752 Protection Levels Assessment

Protection Levels assigned to various products listed as "Bullet Resistant" are based on testing recognized under the standards established by Underwriters' Laboratories (U.L. 752) for bullet resisting components. Protection Levels listed for options available for Exchange Windows pertain only to the option itself. A Level 1 option used with a Level 3 option will yield an overall Protection Level for the lowest rated option or component.

PROTECTION LEVELS

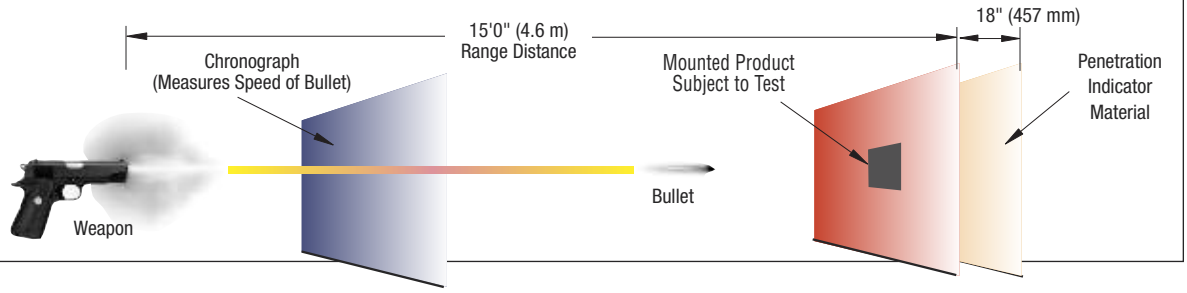


PROTECTION LEVEL RATING	U.L. 752 BALLISTICS DESCRIPTION	EXCHANGE WINDOW COMPONENTS			
		Glazing Materials	Speak-Thrus	Counter / Shelf	Frame
LEVEL 1 M.P.S.A.	Medium Power Small Arms (9 mm) 	1-3/16" (30 mm) Bullet Resistant Glass 1-1/4" (32 mm) Bullet Resistant Acrylic 3/4" (19 mm) Bullet Resistant Lexgard	CAD101; TTU1 with Bullet Resistant Disc TTU3 Matches Glazing Protection Level	All	All
LEVEL 2 H.P.S.A.	High Power Small Arms (.357 Magnum) 	1-3/8" (35 mm) Bullet Resistant Glass 1" (25 mm) Bullet Resistant Lexgard 1-3/8" (35 mm) Bullet Resistant Acrylic With SBAR Coating	N555; N777 TTU3 Matches Glazing Protection Level	Special Order	Special Order
LEVEL 3 S.P.S.A.	Super Power Small Arms (.44 Magnum) 	1-11/16" (43 mm) Bullet Resistant Glass 1-1/4" (32 mm) Bullet Resistant Lexgard 1-3/16" (30 mm) Bullet Resistant Glass Clad Polycarbonate*	N555C3; N777C3; N666; CLD103 TTU1 with Bullet Resistant Disc TTU3 Matches Glazing Protection Level	Special Order	Special Order
Not Rated as Bullet Resistant		1/4" (6 mm) Glass and others	405; 410; 425; 430; 543; 549; 834; TTU1; TTU3; SST5; SST7		

U.L. 752 BULLET RESISTANT PRODUCT TESTING



N777 Bullet Resistant Speak-Thru after test firing



Bullet Resistant Fiberglass Panels



LEVEL 1 M.P.S.A. CAT. NO. BRF100



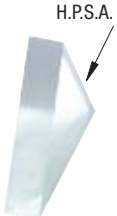
LEVEL 2 H.P.S.A. CAT. NO. BRF200



LEVEL 3 S.P.S.A. CAT. NO. BRF300

SEE PAGE GG163 FOR MORE INFORMATION ON BULLET RESISTANT FIBERGLASS PANELS

Typical Bullet Resistant Glazing Materials (other materials also available)

LEVEL 1 M.P.S.A.	LEVEL 1 M.P.S.A.	LEVEL 1 M.P.S.A.	LEVEL 2 H.P.S.A.	LEVEL 2 H.P.S.A.	LEVEL 2 H.P.S.A.	LEVEL 3 S.P.S.A.	*LEVEL 3 S.P.S.A.	LEVEL 3 S.P.S.A.
								
1-3/16" (30 mm) Bullet Resistant Glass	3/4" (19 mm) Bullet Resistant Lexgard	1-1/4" (32 mm) Bullet Resistant Acrylic (With or Without SBAR Coating)	1" (25 mm) Bullet Resistant Lexgard	1-3/8" (35 mm) Bullet Resistant Acrylic (With SBAR Coating)	1-3/8" (35 mm) Bullet Resistant Glass	1-1/4" (32 mm) Bullet Resistant Lexgard	1-3/16" (30 mm) Bullet Resistant Glass Clad Polycarbonate	1-11/16" (43 mm) Bullet Resistant Glass

*N.I.J. Level IIIA Tested (Exceeds UL752 Level 3)

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Stainless Steel and Aluminum Frame Exchange Windows

- Styles to Meet Most Bullet Resistant Application Requirements
- Choose From Standard Inset, Narrow Inset or Clamp-On Frame Types
- Numerous Frame Finishes, Glazing, and Speak-Thru Options
- Drawings, Specifications and More Styles Can Be Found Online at crlaurence.com/bullet-resistant



Century City Hospital
Installation by Crabtree Glass, Van Nuys, CA

MORE INFORMATION crlaurence.com

Bullet Resistant Exchange Windows are available with a variety of options that allow us to build the window of your choice in as little as ten working days. You choose from a variety of options and provide the wall opening size into which the window will be installed. It's that simple! We do the rest. In additional to the Bullet Resistant Exchange Windows shown here, CRL manufactures a wide variety of styles and optional features. Our Clamp-On Aluminum Frames accommodate wall thicknesses from 5" to 8-1/2" (127 to 216 mm). Inset style frames are installed inside the wall's rough opening, and may require some finished work to the wall after the window installation is complete. Windows with Surround Sound Voice Transmission allows natural voice exchange between customer and clerk. Speak-thru options include non-bullet resistant, bullet resistant, as well as electric counter top and thru-glass models. Multi-lite frames are available with shelves and built-in deal trays designed for arenas, stadiums, payment offices, and theaters. Contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7760. You can also e-mail us through our web site at crlaurence.com/support.

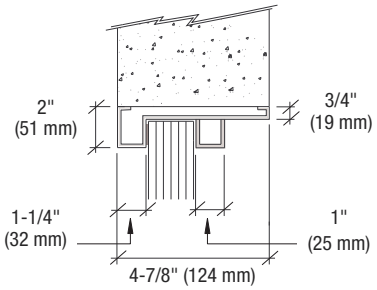


CRL Standard Inset Windows - Stainless Steel

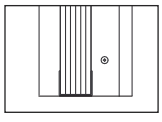
Exterior Glazed Exchange Window

- Standard Inset Frame Vision Window Typically Used Above Built-In Exchange Drawers in Walk-Up Installations
- Drawings and Specifications are Available Online at crlaurence.com/bullet-resistant

Standard Inset Frame Vision Windows are designed for installation in wall openings having a thickness of at least 4-7/8" (124 mm). The frame has a uniform design on all four sides, and the selected glazing material will be sealed into the frame for a weather tight installation. Vision Windows are commonly used as sidelites in Multi-Lite Exchange Window units. Also for installation above built-in Transaction Drawers or Package Receivers. Installer affixes frame to wall opening then permanently seals glazing material into frame with included glazing tape. Can be ordered with U-Channel only under the glazing to enable easy access to Drop-In Deal Trays.



Full Frame Option



Bottom U-Channel Option (to install over separate drop-in tray)



Shown With Optional Cat. No. N666 Speak-Thru

PROTECTION LEVELS



QUICK-FAB

INTERIOR
EXTERIOR

CAT. NO.	FINISH	OVERALL SIZE (W X H)
S1VES	Brushed Stainless Steel	Customer to Specify

Minimum order: 1 each. F.O.B. All CRL Service Centers.

SPECIFICATIONS:

Materials: Glazing - 1/4" (6 mm) Glass; 1-3/16" (30 mm) Level 1 Glass; 1-1/4" (32 mm) Level 1 Acrylic; 3/4" (19 mm) Level 1 Lexgard®; 1-3/8" (35 mm) Level 2 Glass; 1-3/8" (35 mm) Level 2 Acrylic with Abrasion Resistant Coating; 1" (25 mm) Level 2 Lexgard®; 1-11/16" (43 mm) Level 3 Glass; 1-3/16" (30 mm) Level 3 Glass Clad Polycarbonate; 1-1/4" (32 mm) Level 3 Lexgard.

Finishes: Frame - 11 Gauge Brushed Stainless Steel #4 Finish

Instructions Included

Lexgard is a registered trademark of G.A.A.G. LLC

CRL Standard Inset Frame Windows - Aluminum

Exterior Glazed Exchange Window

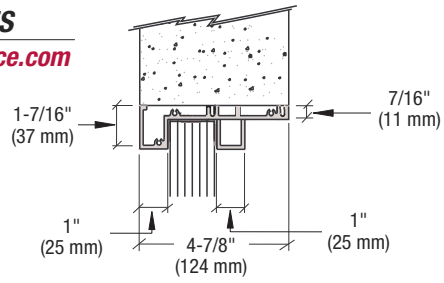
MORE CHOICES crlaurence.com

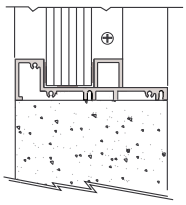
- **Standard Inset Frame Vision Window Typically Used Above Built-In Exchange Drawers in Walk-Up Installations**
- **Drawings and Specifications are Available Online at crlaurence.com**

Standard Inset Frame Vision Windows are designed for installation in wall openings that have a thickness of at least 4-7/8" (124 mm). The frame has a uniform design on all four sides, and the selected glazing material will be sealed into the frame for a weather tight installation. Vision Windows are commonly used as sidelites in Multi-Lite Exchange Window units. Also for installation above built-in Transaction Drawers or Package Receivers. Installer affixes frame to wall opening, then permanently seals glazing material into frame with the provided glazing tape.

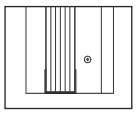
CAT. NO.	FINISH	OVERALL SIZE (W X H)
S1VEA	Satin Anodized	Customer to Specify
S1VEDU	Duranodic Bronze	Customer to Specify
S1VEP	Custom Powder Painted	Customer to Specify
S1VEK	Custom KYNAR® Painted	Customer to Specify

Minimum order: 1 each. F.O.B. All CRL Service Centers.





Full Frame Option



Bottom U-Channel Option (to install over separate drop-in tray)



SPECIFICATIONS:

Materials: Glazing -1/4" (6 mm) Glass; 1-3/16" (30 mm) Level 1 Glass; 1-1/4" (32 mm) Level 1 Acrylic; 3/4" (19 mm) Level 1 Lexgard®; 1-3/8" (35 mm) Level 2 Glass; 1-3/8" (35 mm) Level 2 Acrylic with Abrasion Resistant Coating; 1" (25 mm) Level 2 Lexgard®; 1-11/16" (43 mm) Level 3 Glass; 1-3/16" (30 mm) Level 3 Glass Clad Polycarbonate; 1-1/4" (32 mm) Level 3 Lexgard®

Finishes: Frame - Satin Anodized, Duranodic Bronze, RAL Powder Paint Colors or Custom KYNAR® Paint Colors

Instructions Included

PROTECTION LEVELS



CRL Narrow Inset Frame Windows - Aluminum

Exterior Glazed Exchange Window

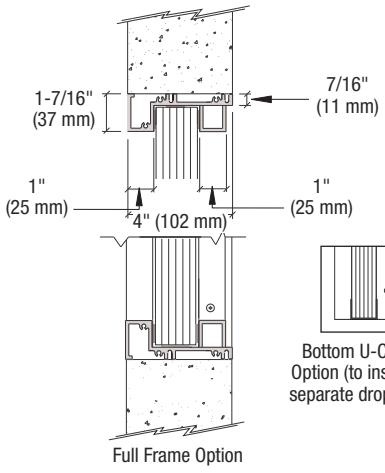
- **Narrow Inset Frame Vision Window Typically Used Above Built-In Exchange Drawers in Walk-Up Installations**
- **Drawings and Specifications are Available Online at crlaurence.com**

Narrow Inset Frame Vision Windows are designed for installation in wall openings having a thickness of at least 4" (102 mm). The frame has a uniform design on all four sides, and the selected glazing material will be sealed into the frame for a weathertight installation. Vision Windows are commonly used as sidelites in Multi-Lite Exchange Windows. Also for installation above built-in Transaction Drawers or Package Receivers. Installer affixes frame to wall opening, then permanently seals glazing material into frame with included glazing tape. Can also be ordered with U-Channel only under glazing to enable access to Drop-In Deal Trays.

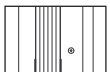
CAT. NO.	FINISH	OVERALL SIZE (W X H)
N1VEA	Satin Anodized	Customer to Specify
N1VEDU	Duranodic Bronze	Customer to Specify
N1VEP	Custom Powder Painted	Customer to Specify
N1VEK	Custom KYNAR® Painted	Customer to Specify

Minimum order: 1 each. F.O.B. All CRL Service Centers.

KYNAR is a registered trademark of Autofina Chemicals, Inc.
Lexgard is a registered trademark of G.A.A.G. LLC.



Full Frame Option



Bottom U-Channel Option (to install over separate drop-in tray)



SPECIFICATIONS:

Materials: Glazing - 1/4" (6 mm) Glass; 1-3/16" (30 mm) Level 1 Glass; 1-1/4" (32 mm) Level 1 Acrylic; 3/4" (19 mm) Level 1 Lexgard®; 1-3/8" (35 mm) Level 2 Glass; 1-3/8" (35 mm) Level 2 Acrylic with Abrasion Resistant Coating; 1" (25 mm) Level 2 Lexgard®; 1-11/16" (43 mm) Level 3 Glass; 1-3/16" (30 mm) Level 3 Glass Clad Polycarbonate; 1-1/4" (32 mm) Level 3 Lexgard®.

Finishes: Frame - Satin Anodized, Duranodic Bronze, RAL Powder Paint Colors or Custom KYNAR® Paint Colors

Instructions Included

PROTECTION LEVELS

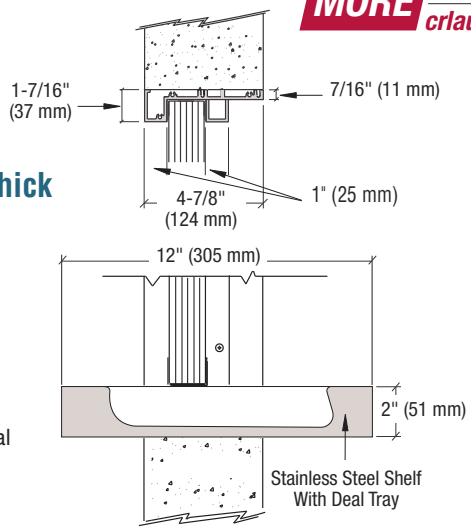


TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL Stock Standard Inset Frame Exchange Window

- With Bullet Resistant Speak-Thru and Shelf With Deal Tray
- Fits Walls at Least 4-7/8" (124 mm) Thick
- Assembled and Ready to Install

This Standard Inset Frame Exchange Window is designed for walls with a thickness of at least 4-7/8" (124 mm). The unit slides into the opening and is secured by installing screws through the perimeter frame and into the sides of the opening. Window is supplied with a 12" (305 mm) deep Stainless Steel Shelf with built-in Non-Ricochet Bullet Resistant Deal Tray. Glazing is 1-1/4" (32 mm) thick bullet resistant acrylic with a Level 1 protection rating. The Cat. No. N666 Level 3 rated Stainless Steel Speak-Thru allows natural voice transmission (see page GG167). An overhang or awning is recommended if used in an exterior application. Two finishes and two sizes are available in stock. Custom units are available go to **crlaurence.com/bullet-resistant**.



MORE CHOICES crlaurence.com



MORE INFORMATION crlaurence.com

CRL US ALUMINUM MANUFACTURED IN THE USA

INTERIOR EXTERIOR

PROTECTION LEVEL



CAT. NO.	FINISH	OVERALL SIZE (W X H)	WALL OPENING SIZE (W X H)
S1EW2436A	Satin Anodized	24" x 36" (610 x 914 mm)	24-1/2" x 36-1/4" (622 x 921 mm)
S1EW2436DU	Duranodic Bronze	24" x 36" (610 x 914 mm)	24-1/2" x 36-1/4" (622 x 921 mm)
S1EW3636A	Satin Anodized	36" x 36" (914 x 914 mm)	36-1/2" x 36-1/4" (927 x 921 mm)
S1EW3636DU	Duranodic Bronze	36" x 36" (914 x 914 mm)	36-1/2" x 36-1/4" (927 x 921 mm)

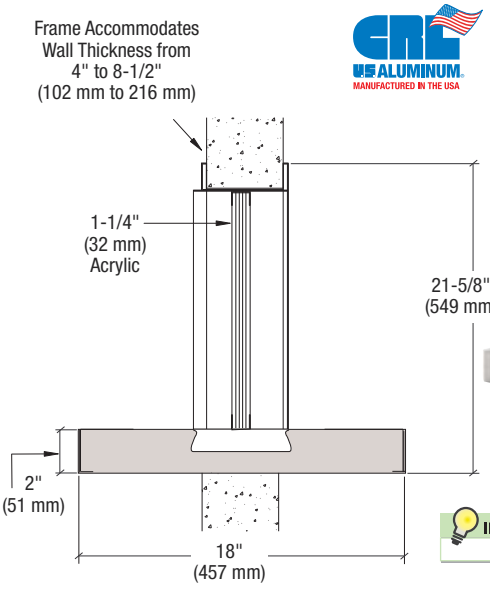
Minimum order: 1 each. F.O.B. All CRL Service Centers.

SPECIFICATIONS:
Materials: Frame - .125" (3.2 mm) Thick Extruded 6063-T5 Aluminum Alloy; Glazing - 1-1/4" (32 mm) Level 1 Acrylic; Shelf - Stainless Steel
Finishes: Frame - Satin Anodized or Duranodic Bronze; Shelf - Brushed Stainless Steel #4 Finish 16 Gauge
Speak-Thru: N666 Level 3 Stainless Steel
Deal Tray: Level 1 Protection
Instructions Included

CRL Night Service Window

- Glazed With 1-1/4" (32 mm) Bullet Resistant Level 1 Acrylic
- Stainless Steel Shelf With Non-Ricochet Bullet Resistant Tray
- Assembled and Ready to Install

Our Night Service Window is of the kind frequently used for motel registration or 24 hour service station windows. The 16 gauge stainless steel housing is glazed with 1-1/4" (32 mm) bullet resistant acrylic. This is mounted on a 16 gauge stainless steel shelf that measures 14-3/16" (360 mm) wide x 18" (457 mm) deep x 2" (51 mm) thick. The shelf has a Non-Ricochet Bullet Resistant Tray for passing cash, credit cards, keys, etc. The entire unit slides into a wall opening roughly 14-3/4" (375 mm) wide x 20" (508 mm) high. The flange surrounding the wall opening is 2" (51 mm) wide. Custom size units are available to suit your needs. The Standard unit does not have a speak-thru. Voice transmission is via the cash tray. An overhang is recommended for exterior use.



CRL US ALUMINUM MANUFACTURED IN THE USA



INTERIOR EXTERIOR

PROTECTION LEVEL



CAT. NO.	OVERALL SIZE (W X H)	WALL OPENING SIZE (W X H)
SW101N	18-3/16" x 18" x 21-5/8" (462 x 457 x 549 mm)	14-3/4" x 20" (375 x 508 mm)

Minimum order: 1 each. F.O.B. All CRL Service Centers.

SPECIFICATIONS:
Materials: 16 Gauge Stainless Steel; Clear Acrylic
Glazing: 1-1/4" (32 mm) Level 1 Acrylic
Finish: Brushed Stainless Steel #4 Finish
Deal Tray: Level 1 Protection
Instructions Included

CRL Two-Piece Snap Together Sash and U-Channel for Bullet Resistant Glazing

- Versatile Aluminum Extrusions for the Fabrication or Trim of Vision Windows and Bullet Resistant Barriers
- Satin Anodized and Duranodic Bronze Finishes

MORE INFORMATION crlaurence.com

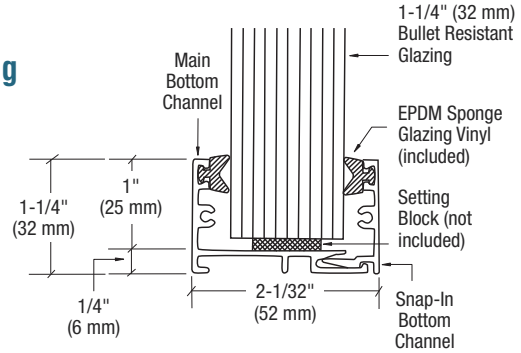


Typical Bullet Resistant Barrier with Snap Together Sash on Bottom

CRL Two-Piece Snap Together Sash

- For 1-3/16" to 1-5/16" (30 to 33 mm) Glazing
- Includes EPDM Glazing Gaskets
- Easy to Install End Caps Conceal Cut Ends

This Two-Piece Snap Together Sash is made to secure bullet resistant acrylic, polycarbonate or glass into an opening. It can be used as a perimeter frame to mount glazing directly to a wall, ceiling or counter surface. The Snap Together Sash is not rated bullet resistant. Protection is achieved by the glazing material it surrounds. Optional End Caps conceal cut ends.





End Cap | Two-Piece Sash

CAT. NO.	DESCRIPTION	FINISH	STOCK LENGTH
PB014A	Two-Piece Sash	Satin Anodized	12 Ft. (3.66 m)*
PB014DU	Two-Piece Sash	Duranodic Bronze	12 Ft. (3.66 m)*
PB015A	End Cap w/Screws	Satin Anodized	–
PB015DU	End Cap w/Screws	Duranodic Bronze	–

Minimum order for PB014 is 1 stock length; for PB015 is 1 each. *24 foot (7.3 m) lengths can be special ordered for Will Call only at CRL Warehouses. Finishes can be combined for quantity pricing.

CRL 1-1/4" Aluminum U-Channel

- Satin Anodized and Duranodic Bronze Finish Extruded Aluminum Used to Secure or Conceal the Edge of Glazing Up to 1-1/4" (32 mm) Thick

This 1-1/4" (32 mm) Aluminum U-Channel is made to secure or conceal the edge of bullet resistant acrylic. Typical uses include mounting glazing panels above Deal Trays and Transaction Drawers, or securing the base of buttresses and baffles to the counter surface when fabricating Bullet Resistant Barrier Systems.

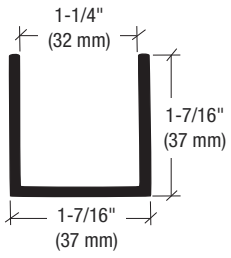
Custom Aluminum U-Channel can be special ordered for nominal 1-1/4" (32 mm) bullet resistant polycarbonate which may be too thick for SV643. Contact CRL Transaction Technical Sales for details.

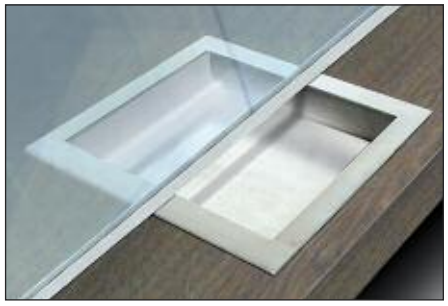


Satin Anodized



Duranodic Bronze





Shown in Typical Installation Above Deal Tray

CAT. NO.	DESCRIPTION	FINISH	STOCK LENGTH
SV643A	1-1/4" U-Channel	Satin Anodized	12 Ft. (3.66 m)
SV643DU	1-1/4" U-Channel	Duranodic Bronze	12 Ft. (3.66 m)

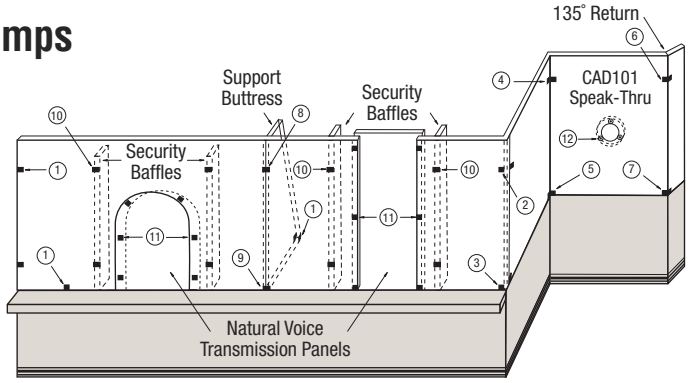
Minimum order: 1 stock length. Finishes can be combined for quantity pricing. A Packaging Charge will be added to orders of fewer than six stock lengths.

CRL Bullet Resistant Protective Barrier Clamps

- **Create Your Own Complete Barrier System With CRL Components**
- **Three Available Finishes: Brushed and Polished Stainless Steel, Plus Satin Chrome**

CRL Protective Barrier Clamps are made to secure bullet resistant barrier systems in high-security applications. All clamps are made of high quality stainless steel to provide reliable security, and are available in a variety of finishes. Go to **crlaurence.com/bullet-resistant** for additional information.





BARRIER CLAMPS

CAT. NO.*	DESCRIPTION	POSITION
PB001	U-Clamp	1
PB002	90 Degree Outside Top or Mid-Mount Clamp	2
PB003	90 Degree Outside Bottom Mount Clamp	3
PB004	90 Degree Inside Top or Mid-Mount Clamp	4
PB005	90 Degree Inside Bottom Mount Clamp	5
PB006	135 Degree Outside Top or Mid-Mount Clamp	6
PB007	135 Degree Outside Bottom Mount Clamp	7
PB008	Top or Mid-Mount T-Clamp	8
PB009	Bottom Mount T-Clamp	9
PB010	Buttress or Baffle Clamp	10
PB011	Surround Sound Spacer	11
CDS3S	Surround Sound Studs	12

Minimum order: 1 each. * Must specify finish code. Available finishes are Brushed Stainless, Polished Stainless, and Satin Chrome.

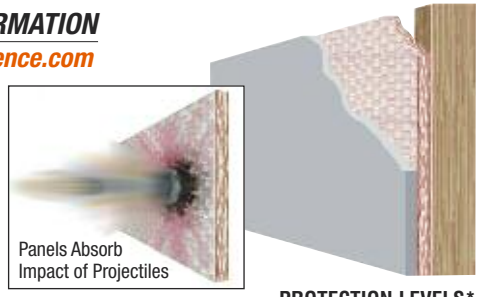
CRL Bullet Resistant Fiberglass Panels

MORE INFORMATION crlaurence.com

- **Protective Panels for Lining Doors and Walls**

Bullet Resistant Fiberglass Panels are flat sheets of a polyester laminate reinforced with a fiberglass scrim to create a material with superior durability. They meet the standards of U.L. 752 Ballistic Performance Requirements Test, as well as all bullet resistant test requirements set forth by the National Institute of Justice.

Typical applications include the lining of bank teller counters, ticket booths, judge's benches, doors and walls of secure enclosures, and other structures. Cutting and drilling can be done using commonly available tools.



CAT. NO.	BULLET RESISTANCE*	PANEL THICKNESS	PANEL SIZE	PANEL WEIGHT	IMPACT VELOCITIES*
BRF100	1 M.P.S.A.	1/4" (6.3 mm)	96" x 48" (2.44 m x 1.22 m)	84 Lbs. (38 kg)	1250 Ft./Sec.
BRF200	2 H.P.S.A.	3/8" (9.5 mm)	96" x 48" (2.44 m x 1.22 m)	110 Lbs. (50 kg)	1395 Ft./Sec.
BRF300	3 S.P.S.A.	7/16" (11.1 mm)	96" x 48" (2.44 m x 1.22 m)	138 Lbs. (62 kg)	1470 Ft./Sec.

Minimum order: 1 each. * Levels per U.L. 752 Ballistic Performance Requirements Test Specifications. Must ship via common carrier. A Handling Charge will be added to orders of fewer than 3 combined sheets.

PROTECTION LEVELS*

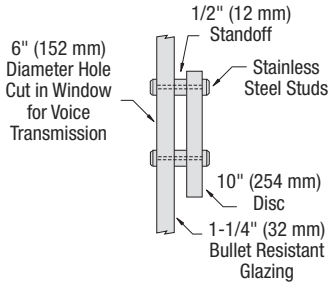


CRL Clear Vision Bullet Resistant Speak-Thrus

INTERIOR USE

- **Disc Overlap Prevents Direct Entry of Projectiles While Allowing Natural Voice Transmission**

Clear Vision Bullet Resistant Speak-Thrus are easy to install, and designed for use with bullet-resistant plastic glazing materials only. The space between the window and disc allows for clear voice transmission. Cat. No. CDS3S Studs Sets are also available for customers preferring to fabricate their own discs. Intended for interior use only.



CAT. NO.	DESCRIPTION	BULLET RESISTANCE
CAD101	10" x 1-1/4" (254 x 32 mm) Clear Acrylic Disc with Studs	Level 1
CLD103	10" x 1-1/4" (254 x 32 mm) Clear Lexgard® Disc with Studs	Level 3
CDS3S	Pack of Three Stud Sets Only	---

Minimum order: 1 each.

Lexgard is a registered trademark of G.A.A.G. LLC



PROTECTION LEVELS



TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL Thru-Glass Two-Way Digital Electronic Communicators

- **Clear, Reliable, Hands-Free Two-Way Conversation**
- **Standard Unit Fits Barriers From 1/4" to 1" (6 to 25 mm) Thick**
- **Bullet Resistant Models Available Up to Level 3**

MORE INFORMATION crlaurence.com



Exterior View

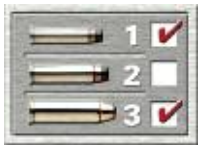
Standard 18" (457 mm) Boom Microphone Shown

Interior View

Satin Anodized Finish



PROTECTION LEVELS



CRL Thru-Glass Two-Way Digital Electronic Communicators contain the latest advancements in electronic sound transmission devices. Clear, distortion free two-way conversations can take place through secure barriers as the unit senses sound levels and automatically increases volume when speech on interior side (clerk's side) begins. Easy-to-operate multi-function controls on the clerk's side turn the Communicator on and off, set to mute, and adjust the volume.

Different headset styles and other accessories are available. Select either the AC Plug-In Transformer Model, or the DC Rechargeable Battery Powered Model. Units are available as standard or bullet resistant models in satin or black anodized finishes.

CRL Digital Communicators are easy to install. The absence of exterior screws or fasteners make them tamper-resistant. All units are supplied complete with 18" Boom Microphone, power supply, wiring, instructions, and mounting hardware to fit 1/4" to 1" (6 to 25 mm) thick barrier glass. **NOTE:** Can fit up to 2-1/2" (64 mm) thick barrier glass when using the optional thick glass extension screw kit Cat. No. 9EXT. Bullet resistant models include the extension kit. AC Models include wiring conduits.

For additional information, contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7760. You can also contact us through our web site at **crlaurence.com/support**.

• Available in Satin Anodized and Black Anodized Finishes

GLASS FAB

STANDARD CAT. NO.	BULLET RESISTANCE	POWERED BY	FINISH	EUROPEAN CAT. NO.
9ASA	None	AC Transformer	Satin Anodized	EU9ASA
9ABL	None	AC Transformer	Black Anodized	EU9ABL
9DSA*	None	DC Rechargeable Battery	Satin Anodized	EU9DSA*
9DBL*	None	DC Rechargeable Battery	Black Anodized	EU9DBL*
9B1ASA	Level 1	AC Transformer	Satin Anodized	EU9B1ASA
9B1ABL	Level 1	AC Transformer	Black Anodized	EU9B1ABL
9B1DSA*	Level 1	DC Rechargeable Battery	Satin Anodized	EU9B1DSA*
9B1DBL*	Level 1	DC Rechargeable Battery	Black Anodized	EU9B1DBL*
9B3ASA	Level 3	AC Transformer	Satin Anodized	EU9B3ASA
9B3ABL	Level 3	AC Transformer	Black Anodized	EU9B3ABL
9B3DSA*	Level 3	DC Rechargeable Battery	Satin Anodized	EU9B3DSA*
9B3DBL*	Level 3	DC Rechargeable Battery	Black Anodized	EU9B3DBL*

CAT. NO.	DESCRIPTION
9EXT	1" to 2-1/2" (25 to 64 mm) Thick Glass Extension Kit (included with bullet resistant models)

Minimum order: 1 each. All models can be combined for quantity pricing. * DC units include battery and charger.

SPECIFICATIONS:

Material: 3/16" (5 mm) Thick Billet Aluminum Case

Finishes: Satin Anodized, Black Anodized

Interior Unit Dimensions: 4-1/2" (114 mm) Diameter; 2-1/2" (64 mm) Deep

Exterior Unit Dimensions: 4-1/2" (114 mm) Diameter; 1-3/4" (45 mm) Deep

Barrier/Glazing Thickness Range: 1/4" to 1" (6 mm to 25 mm) Standard; Up to 2-1/2" (64 mm) With Cat. No. 9EXT Optional Extension Screw Kit (included with bullet resistant models)

Power Requirement: 9V DC, 1.2A Nominal

Power Supply/Charger: Input 100-240V AC; 50/60 Hz, 0.35A (Plugs into wall outlet)

Controls: Inside and Outside Volume; Mute; Power

Battery Type: 6V 2200mAH (2.2 Amp Hours) NiMH

100% Duty Time – Per Charge: >12 Hours Per Charge

Charge Time: 3 Hours; Can Be Used While Charging

Glass Fabrication Required: Single 2-1/2" to 3-1/2" (64 mm to 89 mm) Diameter Hole. Adapters Available for Larger Holes

Frequency Response: 200Hz Exterior, 250Hz Interior to 20kHz

Talk Mode: Half-Duplex

Bullet Resistance Option: Level 1 or Level 3

CRL Counter Top Two-Way Digital Electronic Communicators

- Mounts on Counter Top or Under Shelf to Provide Clear Communication Through an Isolation Barrier
- Satin and Black Finishes Available

All of the same electronic design features of the CRL Thru-Glass Two-Way Digital Electronic Communicator are also found in our Counter Top Communicators. There's no need for special glass fabrication, and the sight line between clerk and customer is unobstructed because the wiring can be installed through the perimeter wall, counter top, or window frame extrusions.

Counter Top Digital Electronic Communicators are available in two finishes: satin or black anodized. The Standard 18" (457 mm) Boom Microphone (included) transmits conversation clearly, or you can use the optional Short Plug-In Boom Microphone or Hands-Free Headsets. All units are supplied complete with mounting hardware plus installation and operating instructions.



MORE INFORMATION crlaurence.com



Exterior View

Interior View

Standard 18" (457 mm) Boom Microphone Shown

SPECIFICATIONS:

Material: 3/32" (2.4 mm) Minimum Thickness Extruded Aluminum Case

Finishes: Satin Anodized, Black Anodized

Interior Unit Dimensions: Face at 45 Degrees; Width = 4" (102 mm); Depth = 3-3/8" (86 mm); Height = 2-5/8" (67 mm)

Exterior Unit Dimensions: Face at 45 Degrees; Width = 4" (102 mm); Depth = 2-5/8" (67 mm); Height = 2-5/8" (67 mm)

Power Requirement: 9V DC, 1.2A Nominal (Plugs into wall outlet)

Power Supply: Input 100-240V AC; 50/60Hz, 0.35A

Controls: Inside and Outside Volume; Mute; Power

Frequency Response: 200Hz Exterior / 250Hz Interior to 20kHz

Talk Mode: Half-Duplex

STANDARD CAT. NO.	POWERED BY	FINISH	EUROPEAN CAT. NO.
C9ASA	120V AC Transformer	Satin Anodized	EUC9ASA
C9ABL	120V AC Transformer	Black Anodized	EUC9ABL

Minimum order: 1 each. Models can be combined for quantity pricing.

CRL Electronic Communicator Accessories

- To See a Complete Selection of Accessories Go to crlaurence.com/speak-thrus

CRL Plug-In Headset

- Boom-Style Microphone
- Hands-Free Operation
- Lightweight Design



CAT. NO. 9PHS
Minimum order: 1 each

CRL Wireless Headset

- Up to 300 Foot (91.4 m) Range
- 1.9 GHz dect 6.0 Technology
- Up to 12 Hours of Talk Time



CAT. NO. 9WHS
Minimum order: 1 each

CRL Norcon Thru-Glass Two-Way Electronic Communicators

- **Breaks the Acoustical Barrier With Clear, Reliable, Hands-Free Two-Way Conversation**
- **Standard Unit Fits 1/4" to 1" (6 to 25 mm) Thick Glass**
- **Satin Anodized Finish**

GLASS FAB

PROTECTION LEVELS



MODEL TTUIAJ
Shown



The Norcon Thru-Glass Two-Way Electronic Communicator is a self-contained, easily installed device that allows clear, intelligible two-way conversation in locations where security must be maintained. The Norcon Communicator is automatically activated when the clerk speaks for hands-free operation. You can select either the 115V AC model, or the 12V DC battery powered model.

Units are available in Standard or Deluxe Models with satin anodized finish. The Standard Norcon Model has a fixed gooseneck microphone. The Deluxe Norcon Model has a removable gooseneck microphone. Both models include a 3.5 mm receptacle for use with the optional TTU1HS Hands-Free Headset shown below. All Norcon units are supplied complete with mounting hardware, instructions, and power supply. Our Cat. No. TTU1X Extension Kit for glass up to 2-3/4" (70 mm) thick may be ordered separately. **NOTE:** Bullet resistant models are pre-set for thick glazing.

Glass Fabrication:

Requires 3" to 4" (76 to 102 mm) Hole for Installation

Adapter Available for 5" (127 mm) Holes

CAT. NO.	DESCRIPTION	BULLET RESISTANCE
TTU1A	115V AC Standard Model	None
TTU1AJ	115V AC Deluxe Model	None
TTU1D	12V DC Standard Model	None
TTU1DJ	12V DC Deluxe Model	None
TTU1AB1	115V AC Standard B.R. Models▲	Level 1
TTU1AJB1	115V AC Deluxe B.R. Models▲	Level 1
TTU1DB1	12V DC Standard B.R. Models▲	Level 1
TTU1DJB1	12V DC Deluxe B.R. Models▲	Level 1
TTU1AB3	115V AC Standard B.R. Models▲▲	Level 3
TTU1AJB3	115V AC Deluxe B.R. Models▲▲	Level 3
TTU1DB3	12V DC Standard B.R. Models▲▲	Level 3
TTU1DJB3	12V DC Deluxe B.R. Models▲▲	Level 3
TTU1X	Thick Glass Extension Kit	–
TTU1ADAPTER	Adapter for 5" (127 mm) Hole	–
TTU1PS1	Power Cord/Transformer for AC	–
TTU1PS2	Power Cord/Transformer for DC	–
TTU1GM	Hardwired Gooseneck Microphone	–
TTU1GMJ	Removeable Gooseneck Microphone	–

Minimum order: 1 each. All models can be combined for quantity pricing.
▲ Level 1 Models pre-set for 1-5/16" (33.3 mm) glass, and adapt for thicknesses from 1-3/16" to 1-5/8" (30.1 to 41.3 mm).
▲▲ Level 3 Models pre-set for 1-7/8" (47.6 mm) glass, and adapt for thicknesses from 1-3/16" to 1-7/8" (30.1 to 47.6 mm).

CRL Norcon Counter Top Two-Way Electronic Communicators

- **Ruggedly Constructed and Tamper-Resistant**

MORE INFORMATION crlaurence.com

CAT. NO. TTU1HS
Optional Hands-Free Headset



The Norcon Counter Top Two-Way Electronic Communicator is the unit of choice when it is impractical to cut a hole through a glass isolation barrier. The unit is automatically activated when the clerk speaks. Talk and listen volumes are adjustable by the clerk.

Units are available in Standard or Deluxe Models with a satin anodized finish. The Standard Norcon Model has a fixed gooseneck microphone. The Deluxe Norcon Model has a removable gooseneck microphone. Both models include a 3.5 mm receptacle for use with the optional TTU1HS Hands-Free Headset. All exposed hardware is tamper resistant. Unit operates on 115V AC current.

For additional information, contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7760. You can also e-mail us through our web site at **crlaurence.com/support**.

CAT. NO.	DESCRIPTION
TTU3	115V AC Standard Model
TTU3J	115V AC Deluxe Model

Minimum order: 1 each. Models can be combined for quantity pricing. **NOTE:** 12V DC not available in Counter Top Models.

CRL 6" Round Bullet Resistant Speak-Thru

- Made of Heavy Stainless Steel With Brushed Finish
- Level 3 Bullet Resistance (.44 Magnum)

GLASS FAB

This 6" (152 mm) diameter Speak-Thru is designed for use with bullet resistant glass, acrylic or polycarbonate. Made of heavy stainless steel, the concentric circular louvers are spaced to deflect projectiles entering the cavity between the interior and exterior surfaces. Accommodates glazing thicknesses from 1-3/16" to 1-7/8" (30 to 48 mm). Requires 5" (127 mm) diameter hole. Optional Spacer Rings are available for use with glazing materials less than 1-3/16" (30 mm) thick. Visit **crlaurence.com/speak-thrus** for details.

CAT. NO.	DESCRIPTION
N666	6" (152 mm) Round Speak-Thru

Minimum order: 1 each.



CRL 5" and 7" Square Bullet Resistant Speak-Thrus

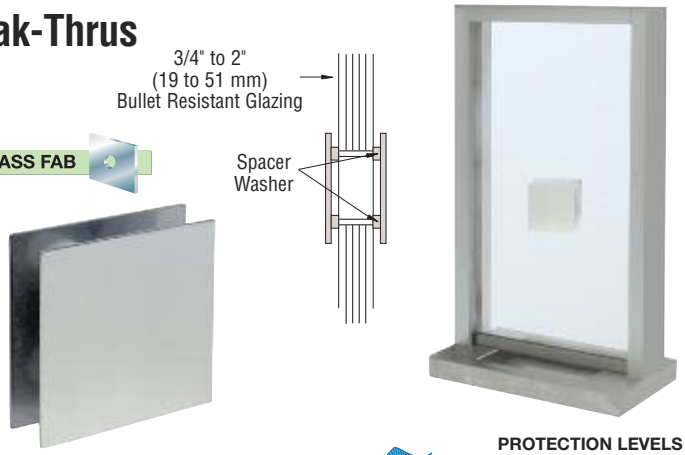
- Air Space Allows Natural Voice Transmission
- Polished Stainless Steel Finish

Square Bullet Resistant Speak-Thrus in 5" (127 mm) and 7" (178 mm) are available for Level 2 (.357 Magnum) and Level 3 (.44 Magnum) rated protection. Spacing washers secure the glass through the hole to the front and back plates. Made of heavy stainless steel, Square Bullet Resistant Speak-Thrus will accommodate 3/4" (19 mm) through 2" (51 mm) bullet resistant glass, acrylic or polycarbonate. **NOTE:** Barrel washers to cover screws are included, and should be trimmed to prevent over-tightening on glass. **Glass Fabrication Required:** 5" (127 mm) Model requires a 4" (102 mm) diameter hole; 7" (178 mm) Model requires a 6" (152 mm) diameter hole.

CAT. NO.	DESCRIPTION	BULLET RESISTANCE
N555	5" (127 mm) Square Speak-Thru	Level 2
N555C3	5" (127 mm) Square Speak-Thru	Level 3
N777	7" (178 mm) Square Speak-Thru	Level 2
N777C3	7" (178 mm) Square Speak-Thru	Level 3

Minimum order: 1 each. Sizes can be combined for quantity pricing.

GLASS FAB



MORE INFORMATION crlaurence.com

CRL US ALUMINUM MANUFACTURED IN THE USA

INTERIOR USE

PROTECTION LEVELS



CRL Stainless Steel Speak-Thrus

- Designed to Eliminate Drafts

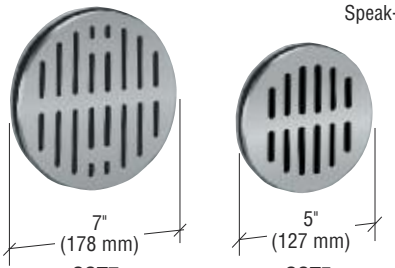
GLASS FAB

CRL US ALUMINUM MANUFACTURED IN THE USA

The CRL Stainless Steel Speak-Thru provides natural voice transmission. Offset slots in front and rear prevent tampering from the outside, and stop drafts to the interior. Speak-Thru has a brushed stainless finish, and comes in two sizes. Two sets of screws accommodate glazing from 1/4" to 1-1/4" (6 to 32 mm) thick.

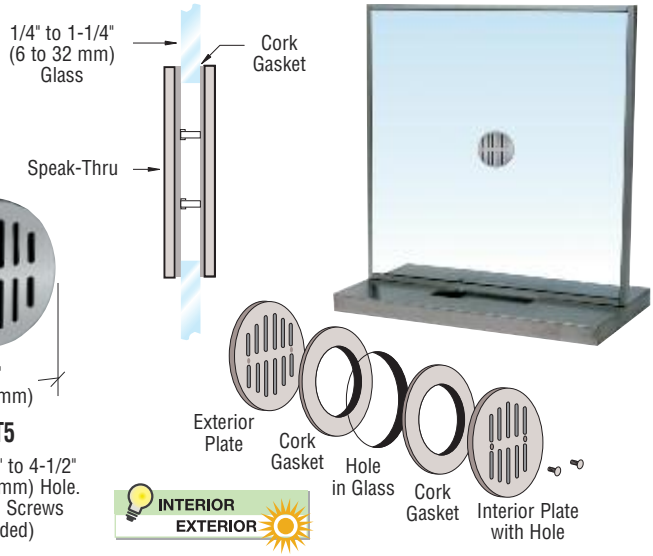
CAT. NO.	DESCRIPTION
SST5	5" (127 mm) Round Speak-Thru
SST7	7" (178 mm) Round Speak-Thru

Minimum order: 1 each. Speak-Thrus can be combined for quantity pricing.



SST7
Requires 4-1/2" to 6" (114 to 152 mm) Hole. Uses Four Screws (Included)

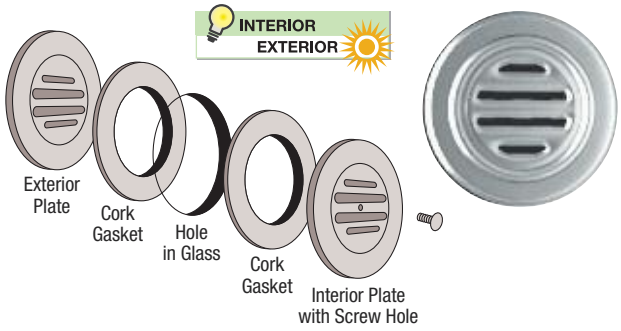
SST5
Requires 3" to 4-1/2" (76 to 114 mm) Hole. Uses Two Screws (Included)



CRL No-Draft Speak-Thrus

- Easy to Install
- Theft-Proof Locking Device

Our No-Draft Speak-Thrus are designed to allow audible transmission of voice requests at ticket windows, box offices, and more. They prevent tampering from the outside, and stop drafts to the interior. Each unit is individually boxed with gaskets and mounting screws for installation on glass from 1/4" (6 mm) to 1/2" (12 mm) thick. For glass up to 3-3/4" (95 mm) thick you can use the optional Cat. No. 8324 screws. Overall diameter is 5-5/16" (135 mm). No-Draft Speak-Thrus require a minimum hole diameter of 2-1/4" (57 mm), and will cover holes up to 4-1/4" (108 mm). Recommended hole diameter is 3-1/2" (89 mm).





CAT. NO.	DESCRIPTION
549	Chrome Plated Brass
834A	Satin Anodized Aluminum
834BA	Brite Anodized Aluminum
834BGA	Brite Gold Anodized Aluminum
834DU	Duranodic Bronze Aluminum
8324	8-32 x 4" (102 mm) Screws (10 pack)

Minimum order: 1 each. Speak-Thrus can be combined for quantity pricing.

CRL Covered Speak-Thrus

- Choice of Metal or Lucite Cover

Covered Speak-Thrus are available with two styles of covers; all metal, or metal outer ring with lucite vision port. Both styles are screened to provide an insect-free environment. These heavy-duty units are available in satin anodized or duranodic bronze finishes. Both 4" and 6" (102 and 152 mm) sizes are made to be glazed in 1/4" (6 mm) glass.

4" (102 mm) models require a 3-1/2" (89 mm) diameter hole and 6" (152 mm) models require a 5-1/2" (140 mm) diameter hole. Optional Thickness Adapter Rings are available for the 4" (102 mm) Speak-Thru only. Use Cat. No. TAR12 for 1/2" (12 mm) glass and Cat. No. TAR134 for 1-3/4" (44 mm) doors.



6" (152 mm) Model with Metal Cover



4" (102 mm) Model with Lucite Cover

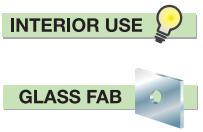


CAT. NO.	FINISH	DESCRIPTION
405A	Satin Anodized	4" (102 mm) Metal Cover Speak-Thru
405DU	Duranodic Bronze	4" (102 mm) Metal Cover Speak-Thru
410A	Satin Anodized	4" (102 mm) Lucite Cover Speak-Thru
410DU	Duranodic Bronze	4" (102 mm) Lucite Cover Speak-Thru
425A	Satin Anodized	6" (152 mm) Metal Cover Speak-Thru
425DU	Duranodic Bronze	6" (152 mm) Metal Cover Speak-Thru
430A	Satin Anodized	6" (152 mm) Lucite Cover Speak-Thru
430DU	Duranodic Bronze	6" (152 mm) Lucite Cover Speak-Thru

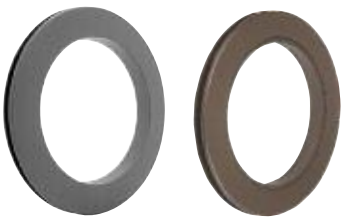
Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.

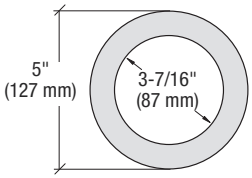
CRL Plastic Speak-Thru Hole Frame

- Two-Piece Snap-In Unit for 3/16" to 1/4" (5 to 6 mm) Glass
- Available in Aluminum or Bronze Finishes



The Plastic Speak-Thru Hole Frame is an easy to snap together unit for interior installations. It conceals roughly ground or chipped hole edges, creating an attractive appearance. It fits 4" (102 mm) diameter holes, and is adjustable for 3/16" to 1/4" (5 to 6 mm) thick glass.







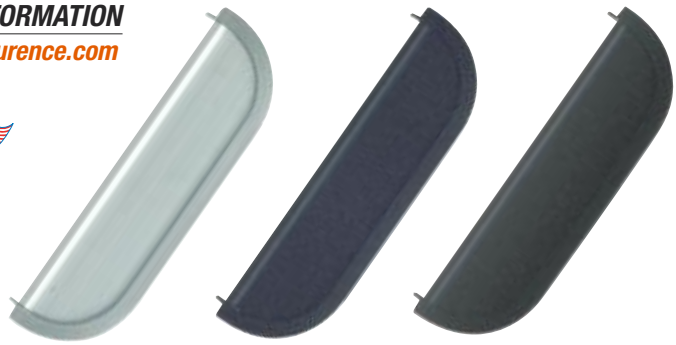
CAT. NO.	FINISH	DESCRIPTION
543	Aluminum	5" (127 mm) Speak-Thru Hole Frame
543BRZ	Bronze	5" (127 mm) Speak-Thru Hole Frame

Minimum order: 1 each. Finishes can be combined for quantity pricing.

CRL Standard Mail Slots

MORE INFORMATION crlaurence.com

- Conform to All Postal Regulations
- Full Radius Corners for Easy Cut-Out
- Made to Fit 1/4" (6 mm) Thick Glass
- Concealed Spring Mechanism
- Spring Tension Closing Eliminates Dust and Water Penetration
- Two Sizes and Three Finishes
- Available in Bulk Packs (12 Per Carton)

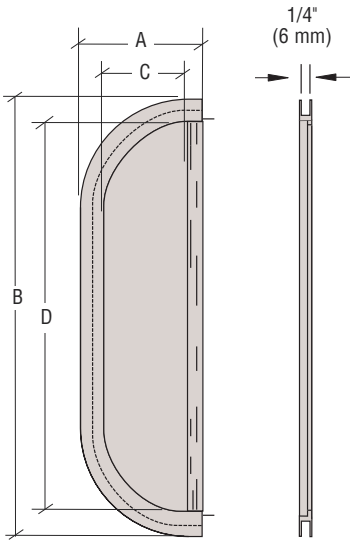


Satin Anodized Black Anodized Duranodic Bronze

CRL Standard Mail Slots are designed to be installed in 1/4" (6 mm) glazed entrance doors. Their full radius corners make for easy glass cut-out and installation. Installation simply requires application of neutral cure silicone to inside of channel to create a weathertight seal. If a Mail Slot Template is required order Cat. No. TP125, or download from **crlaurence.com**.

GLASS FAB





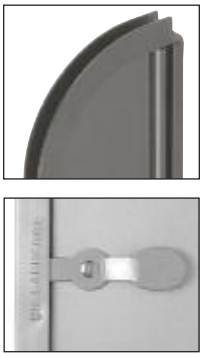
Front View Side View

CAT. NO.	BULK PACK* CAT. NO.	OVERALL SIZE (A X B)	OPENING SIZE (C X D)	FINISH
MS100A	BMS100A	2-5/8" x 9-5/8" (67 x 244 mm)	1-11/16" x 8-5/8" (43 x 219 mm)	Satin Anodized
MS100BL	BMS100BL	2-5/8" x 9-5/8" (67 x 244 mm)	1-11/16" x 8-5/8" (43 x 219 mm)	Black Anodized
MS100DU	BMS100DU	2-5/8" x 9-5/8" (67 x 244 mm)	1-11/16" x 8-5/8" (43 x 219 mm)	Duranodic Bronze
MS125A	BMS125A	2-5/8" x 12-1/8" (67 x 308 mm)	1-11/16" x 11-1/8" (43 x 283 mm)	Satin Anodized
MS125BL	BMS125BL	2-5/8" x 12-1/8" (67 x 308 mm)	1-11/16" x 11-1/8" (43 x 283 mm)	Black Anodized
MS125DU	BMS125DU	2-5/8" x 12-1/8" (67 x 308 mm)	1-11/16" x 11-1/8" (43 x 283 mm)	Duranodic Bronze

Minimum order: 1 each. *12 each of same size and finish for Bulk Packages. All Aluminum Mail Slots can be combined for quantity pricing.

CRL Deluxe Mail Slots With Glass Channel Bar

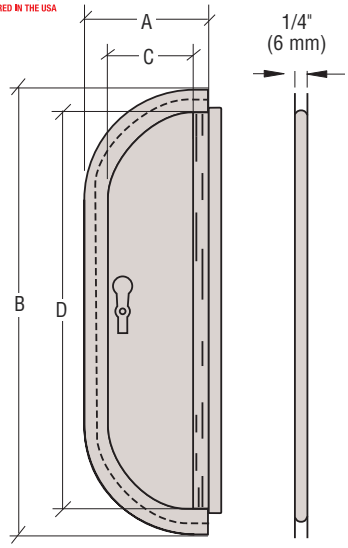
- All Mechanisms Totally Concealed
- Available With or Without a Latch
- Made to Fit 1/4" (6 mm) Thick Glass
- Three Sizes and Two Finishes



Latch



GLASS FAB



Front View Side View

Deluxe Mail Slots are furnished with a glass channel bar to fill in the glazing pocket behind the flap. No mounting screws are required. Concealed spring mechanism on flap keeps it closed securely, preventing infiltration of dirt, dust, and water. Deluxe Mail Slots are fully reversible. If a Mail Slot Template is required, order Cat. No. TP125 or download from **crlaurence.com**.

W/O LATCH CAT. NO.	WITH LATCH CAT. NO.	OVERALL SIZE (A X B)	OPENING SIZE (C X D)	FINISH
900A	905A	2-5/8" x 9-5/8" (67 x 244 mm)	1-11/16" x 8-5/8" (43 x 219 mm)	Satin Anodized
900DU	905DU	2-5/8" x 9-5/8" (67 x 244 mm)	1-11/16" x 8-5/8" (43 x 219 mm)	Duranodic Bronze
922A	925A	2-5/8" x 12-1/8" (67 x 308 mm)	1-11/16" x 11-1/8" (43 x 283 mm)	Satin Anodized
922DU	925DU	2-5/8" x 12-1/8" (67 x 308 mm)	1-11/16" x 11-1/8" (43 x 283 mm)	Duranodic Bronze
933A	935A	2-5/8" x 16" (67 x 406 mm)	1-11/16" x 15" (43 x 381 mm)	Satin Anodized
933DU	935DU	2-5/8" x 16" (67 x 406 mm)	1-11/16" x 15" (43 x 381 mm)	Duranodic Bronze

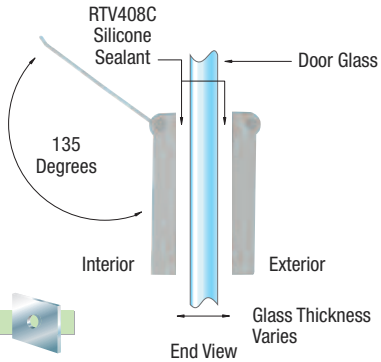
Minimum order: 1 each. All Aluminum Mail Slots can be combined for quantity pricing.

CRL No-Draft Mail Slots

- **New Design for All Thicknesses of Glass, Wood, and Even Insulating Glass Doors**
- **Energy Efficient, Ideal for All Climates**
- **Available in Satin Anodized and Black Anodized**

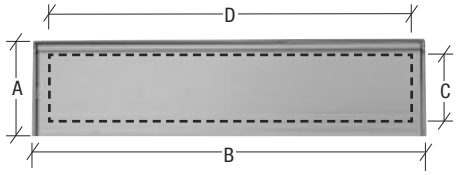


MORE INFORMATION crlaurence.com



GLASS FAB

CRL No-Draft Mail Slots are designed to keep out the weather as well as dust and dirt. The CRL No-Draft Mail Slot has two door flaps, both spring-loaded and weatherstripped, as well as an internal brush strip for greater insulation and privacy. Both the external and internal flaps open to 135 degrees for easy access. Both have durable nylon torsion rods to keep both flaps tightly shut. Easy to install by simply running a bead of CRL Cat. No. RTV408C Clear Silicone on both the interior and exterior sleeves and attaching each side to the glass around the 10-1/4" (260 mm) wide x 1-7/8" (48 mm) high required cut-out. Intended for horizontal orientation where glass surrounds slots on all four sides.



CAT. NO.	OVERALL SIZE (A X B)	OPENING SIZE (C X D)	FINISH
NDMS13A	3" x 11-1/2" (76 x 292 mm)	1-7/16" x 9-3/4" (37 x 248 mm)	Satin Anodized
NDMS13BL	3" x 11-1/2" (76 x 292 mm)	1-7/16" x 9-3/4" (37 x 248 mm)	Black Anodized

Minimum order: 1 each. Finishes can be combined for quantity pricing.

CRL Package Drops With Aluminum Doors

- **Fully Reversible**
- **Metal Latch**
- **Installs in 1/4" (6 mm) Thick Glass**

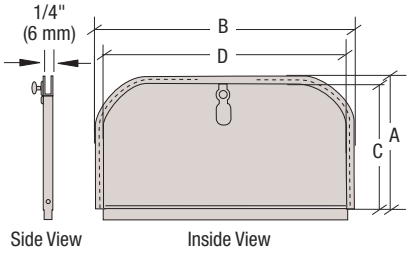
GLASS FAB

CRL US ALUMINUM MANUFACTURED IN THE USA





These Extruded Aluminum Package Drops in two finishes are designed to be installed in a grooved counter or horizontal mullion with a glazing pocket. Go to **crlaurence.com/package-drops** for required cut out information. The units can also be installed vertically. **NOTE:** These doors do not include spring tension closing.



CAT. NO.	OVERALL SIZE (A X B)	OPENING SIZE (C X D)	FINISH
300A	10-3/4" x 9-1/4" (273 x 235 mm)	10" x 8-1/4" (254 x 210 mm)	Satin Anodized
300DU	10-3/4" x 9-1/4" (273 x 235 mm)	10" x 8-1/4" (254 x 210 mm)	Duranodic Bronze
522A	5-1/8" x 9-7/8" (130 x 251 mm)	4-1/4" x 8-7/8" (108 x 225 mm)	Satin Anodized
522DU	5-1/8" x 9-7/8" (130 x 251 mm)	4-1/4" x 8-7/8" (108 x 225 mm)	Duranodic Bronze
532A	5-1/8" x 12-1/2" (130 x 318 mm)	4-1/4" x 11-1/2" (108 x 292 mm)	Satin Anodized
532DU	5-1/8" x 12-1/2" (130 x 318 mm)	4-1/4" x 11-1/2" (108 x 292 mm)	Duranodic Bronze

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.

CRL Deluxe Through-Glass Package Drop

- **Full Size Opening Directs Packages to Collection Bin**
- **Brushed Stainless Steel Face Plate**
- **Installs in 1/4" to 1" (6 to 25 mm) Thick Glass**

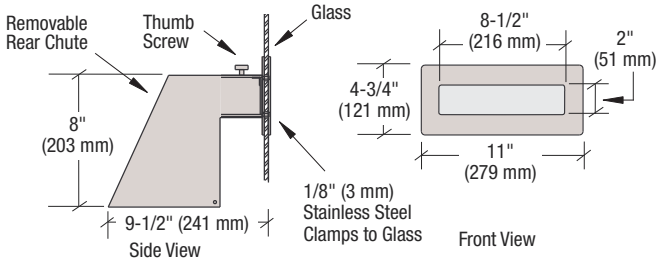
CRL US ALUMINUM MANUFACTURED IN THE USA





GLASS FAB

The Deluxe Through-Glass Package Drop allows customers to drop packages after business hours while maintaining store security. The unit fits through a cut-out in the glass and clamps together by tightening four screws. A detachable rear chute cover provides additional security, and has a removable spring loaded bar at the base for attachment of the vinyl slide to gently and safely direct packages to a collection bin.



CAT. NO.	DESCRIPTION	SLOT SIZE (W X H)
DVD82	Deluxe Through-Glass Package Drop	8-1/2" x 2" (216 x 51 mm)

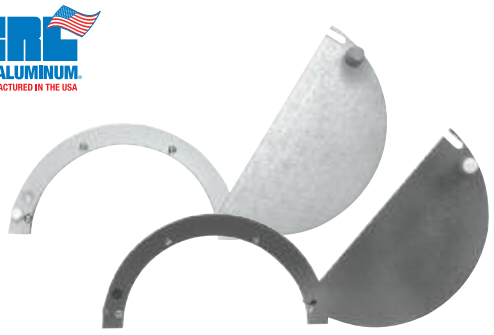
Minimum order: 1 each. All Package Drops can be combined for quantity pricing.

CRL Half-Round Ticket Windows

INTERIOR EXTERIOR

GLASS FAB

- Three Sizes and Two Finishes
- Latching Cover Plate Can Be Removed
- Made to Fit 1/4" (6 mm) Thick Glass
- Custom Spacer Rings Available for Thicker Glass





The Half-Round Ticket Window has a swing-away cover plate that is equipped with a tamper-resistant snap lock and retaining pin for security. The cover plate is also removable when desired. Constructed of extruded aluminum, they are available in satin anodized or duranodic bronze finishes in three sizes. All are made to fit in 1/4" (6 mm) thick glass, and optional Spacer Rings are available for thicker glass (see next below). A semi-circular cut-out is required for installation. A template is included. Glass cut-out information and installation guide available online at **crlaurence.com/ticket-windows**.

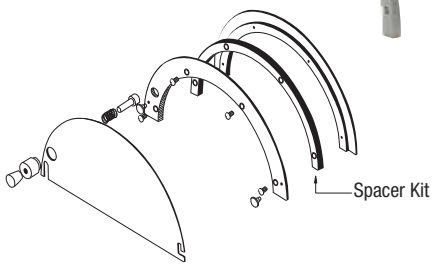
CAT. NO.	FINISH	OVERALL SIZE	SERVICE OPENING SIZE
720A	Satin Anodized	8" x 4" (203 x 102 mm)	6-1/2" x 3-1/4" (165 x 83 mm)
720DU	Duranodic Bronze	8" x 4" (203 x 102 mm)	6-1/2" x 3-1/4" (165 x 83 mm)
723A	Satin Anodized	10" x 5" (254 x 127 mm)	8-1/2" x 4-1/4" (216 x 108 mm)
723DU	Duranodic Bronze	10" x 5" (254 x 127 mm)	8-1/2" x 4-1/4" (216 x 108 mm)
725A	Satin Anodized	12" x 6" (305 x 152 mm)	10-1/2" x 5-1/4" (267 x 133 mm)
725DU	Duranodic Bronze	12" x 6" (305 x 152 mm)	10-1/2" x 5-1/4" (267 x 133 mm)

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.

CRL Optional Spacer Kits for Half-Round Ticket Windows

- Allows the Use of Our Half-Round Ticket Windows With 1/2" (12 mm) Glazing
- Custom Spacer Kits Also Available (Specify Thickness)





Optional Spacer Kits are used when installing our Half-Round Ticket Windows in glazing thicker than 1/4" (6 mm). Half Round Ticket Windows sold separately (see above).

CAT. NO.	FINISH	GLAZING THICKNESS	DESCRIPTION
720A12	Satin Anodized	1/2" (12 mm)	Spacer Kit for 720A
720DU12	Duranodic Bronze	1/2" (12 mm)	Spacer Kit for 720DU
723A12	Satin Anodized	1/2" (12 mm)	Spacer Kit for 723A
723DU12	Duranodic Bronze	1/2" (12 mm)	Spacer Kit for 723DU
725A12	Satin Anodized	1/2" (12 mm)	Spacer Kit for 725A
725DU12	Duranodic Bronze	1/2" (12 mm)	Spacer Kit for 725DU

Minimum order: 1 each.

CRL Vertical Sliding Ticket Windows

INTERIOR EXTERIOR

GLASS FAB

- Spring-Loaded Latches
- Custom Sizes Available





The Vertical Sliding Ticket Window can be installed above the countertop without altering its surface. It is fabricated of heavy gauge extruded aluminum in satin anodized or duranodic bronze finishes. The sliding lower panel is glazed with 1/4" (6 mm) clear glass, and has spring-tensioned guides to hold it in the raised position. Two spring-loaded knob latches will secure the window in the closed position. Pile weatherstripping along the lower frame prevents drafts. Frame protrudes only 1" (25.4 mm) on clerk's side, and glass channel installs easily in 1/4" (6 mm) thick glass. Template included. Glass cut-out information and installation guide available online at **crlaurence.com/ticket-windows.** Custom sized channels to install on thicker glazed units are available on special order.

CAT. NO.	FINISH	OVERALL SIZE	SERVICE OPENING SIZE
701A	Satin Anodized	9-1/2" x 8-1/2" (241 x 216 mm)	8-1/4" x 3-1/2" (210 x 89 mm)
701DU	Duranodic Bronze	9-1/2" x 8-1/2" (241 x 216 mm)	8-1/4" x 3-1/2" (210 x 89 mm)
702A	Satin Anodized	19-1/4" x 8-1/2" (489 x 216 mm)	18" x 3-1/2" (457 x 89 mm)
702DU	Duranodic Bronze	19-1/4" x 8-1/2" (489 x 216 mm)	18" x 3-1/2" (457 x 89 mm)

Minimum order: 1 each. Sizes and finishes can be combined for quantity

CRL Ticket Windows

- Stock Size Ready to Ship
- Complete With Speak-Thru, Half Round Ticket Window, and Stainless Steel Shelf
- Drawings and Specifications are Available at crlaurence.com/ticket-windows

Our Ticket Window unit is ready for immediate installation. It includes an aluminum framed stationary 1/4" (6 mm) clear tempered glass window, a Cat. No. 834A Speak-Thru, and a Cat. No. 720A Ticket Window. This sits atop a stainless steel shelf measuring 24" (610 mm) wide x 18" (457 mm) deep x 2" (51 mm) thick. Standard unit is shipped unattached to stainless steel shelf. This Ticket Window is also available custom built to your requirements for size and finish. An overhang is recommended for exterior use.

SPECIFICATIONS:
Materials: Aluminum Extrusion; Tempered Safety Glass; Stainless Steel
Finishes: Frame - Satin Anodized; Shelf - Brushed Stainless Steel # 4 Finish
Glazing: 1/4" (6 mm) Tempered Safety Glass
Bullet Resistance: Not Rated
Instructions Included

MORE INFORMATION crlaurence.com

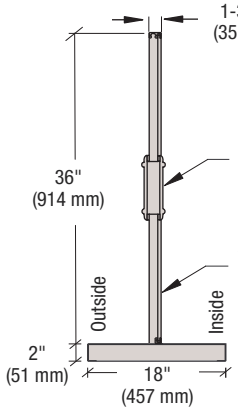
INTERIOR EXTERIOR

CAT. NO.	WIDTH	DEPTH	HEIGHT
SCW102N	24" (610 mm)	18" (457 mm)	38" (965 mm)
SCW102C*	Specify	Specify	Specify

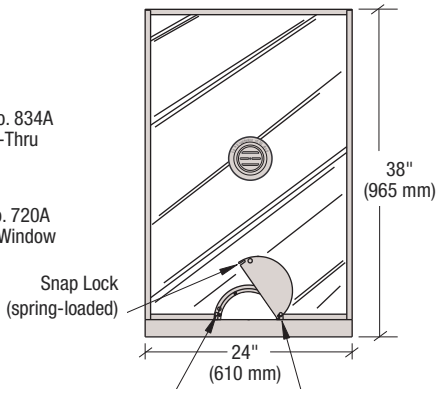
Minimum order: 1 each. * Custom made to your requirements. F.O.B. All CRL Service Centers.







Side View



Front View

CRL Cashier Windows

- Includes Stainless Steel Shelf With Built-In Deal Tray and Speak-Thru
- Stock Size Ready to Ship
- Drawings and Specifications are Available at crlaurence.com/ticket-windows

The Cashier Window unit has a stationary tempered 1/4" (6 mm) clear glass window surrounded by a satin finish aluminum frame. A Cat. No. 834A Speak-Thru is supplied with the window, and the unit is mounted on a stainless steel shelf with recessed coin and cash tray. The shelf assembly measures 30" (762 mm) wide x 18" (457 mm) deep x 2" (51 mm) thick. The entire unit is ready for immediate installation on receipt. An overhang is recommended for exterior use. is also available custom built to your requirements for size and finish.

SPECIFICATIONS:
Materials: Aluminum Extrusion; Tempered Safety Glass; Stainless Steel
Finishes: Frame - Satin Anodized; Shelf - Brushed Stainless Steel # 4 Finish
Glazing: 1/4" (6 mm) Tempered Safety Glass
Bullet Resistance: Not Rated
Instructions Included

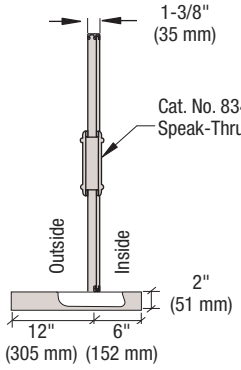
INTERIOR EXTERIOR

CAT. NO.	WIDTH	DEPTH	HEIGHT
SCW103N	30" (762 mm)	18" (457 mm)	32" (813 mm)
SCW103C*	Specify	Specify	Specify

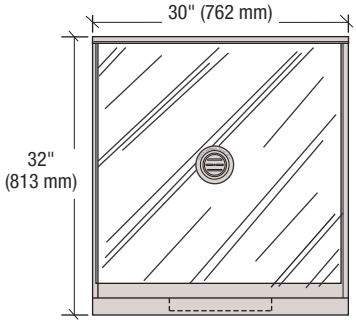
Minimum order: 1 each. * Custom made to your requirements. F.O.B. All CRL Service Centers.







Side View

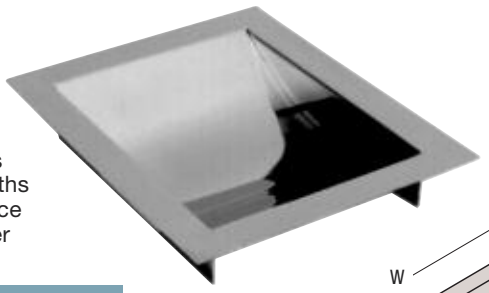


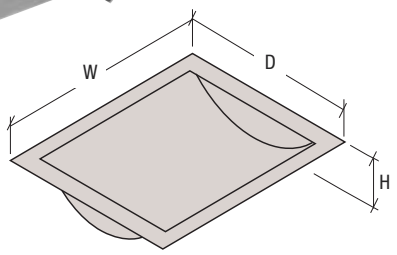
Front View

CRL Standard Drop In Deal Tray

- Flush Drop In Design
- Polished or Brushed Stainless Steel Finishes

Standard Drop in Deal Trays are made of a heavy gauge stainless steel with a choice of a bright polished or brushed finish. Three widths are available up to 16" (406 mm), making this tray an excellent choice for ticket booths, service stations, and other locations where smaller items are passed.





POLISHED STAINLESS CAT. NO.	BRUSHED STAINLESS CAT. NO.	WIDTH	DEPTH	HEIGHT
CTD08	CTDB08	8" (203 mm)	10" (254 mm)	1-9/16" (39 mm)
CTD12	CTDB12	12" (305 mm)	10" (254 mm)	1-9/16" (39 mm)
CTD16	CTDB16	16" (406 mm)	10" (254 mm)	1-9/16" (39 mm)

Minimum order: 1 each. **NOTE:** Deal Tray does not have drain holes, so an overhang is recommended for exterior use. Custom sizes are also available on special order.

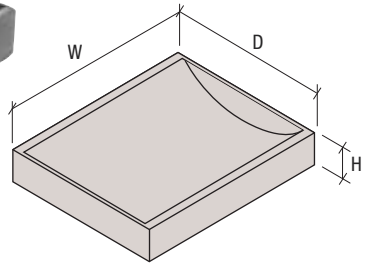
CRL Standard Counter Top Deal Tray

MORE INFORMATION crlaurence.com

- Counter Top Convenience
- Brushed Stainless Steel Finish

Counter Top Deal Trays are ideal for use in areas where the counter cannot be recessed or altered to accept Drop In Deal Trays. The Tray has a box shape that allows it to be placed on top of the counter in any position.





GLASS FAB

CAT. NO.	WIDTH	DEPTH	HEIGHT
CTC12	12" (305 mm)	10" (254 mm)	2" (51 mm)
CTC16	16" (406 mm)	10" (254 mm)	2" (51 mm)

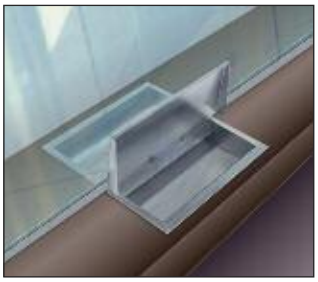
Minimum order: 1 each. **NOTE:** Deal Tray does not have drain holes, so an overhang is recommended for exterior use. Custom sizes are also available on special order.

CRL Recessed Deal Tray With Flip Lid

- Flush Drop In Design
- Lid Helps Minimize Heating or Cooling Loss and Offers Extra Protection

The Recessed Deal Tray with Flip Lid is designed to fit into a cut-out in the counter top for a flush appearance. The lid on the customer's side is raised by a downward push on the rear edge of the lid by the clerk.





CAT. NO.	WIDTH	DEPTH	HEIGHT
FLR1416	14-3/4" (375 mm)	16-11/16" (424 mm)	2-3/4" (70 mm)

Minimum order: 1 each. **NOTE:** Deal Tray does not have drain holes, so an overhang is recommended for exterior use. Custom sizes are also available on special order.

CRL Counter Top Deal Tray With Flip Lid

- Lid Helps Minimize Heating or Cooling Loss and Offers Extra Protection
- No Cut-Out Required In Counter

The Counter Top Deal Tray with Flip Lid is designed for use on the top of a ledge or counter. The large tray allows for passage of items as large as a carton of cigarettes. The lid on the customer's side of the window mnimizes air infiltration, and opens with a downward push on the rear edge of the lid.



GLASS FAB



CAT. NO.	WIDTH	DEPTH	HEIGHT
FL1213	12-1/4" (311 mm)	13" (330 mm)	2-5/8" (67 mm)

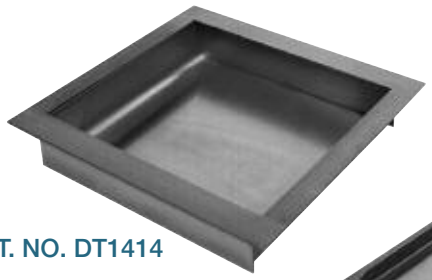
Minimum order: 1 each. **NOTE:** Deal Tray does not have drain holes, so an overhang is recommended for exterior use. Custom sizes are also available on special order.

TOLL Phone: (800) 421-6144
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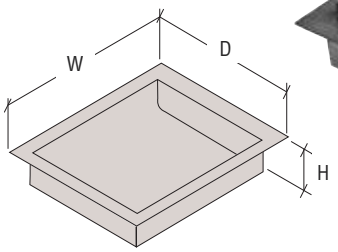
CRL Deep Deal Tray

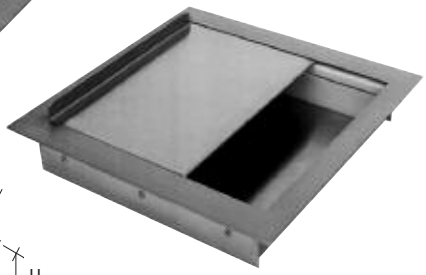
- Flush Drop In Design Tray is Deeper for Passing Larger Items
- Brushed Stainless Steel
- Sliding Lid Option for Added Security

These CRL Deep Deal Trays have a 3" (76 mm) height to allow for passing of larger articles from clerk to customer. The flush drop in design of the tray requires a counter with a thickness of at least 3-1/4" (83 mm). Trays are constructed of brushed stainless steel.



CAT. NO. DT1414





CAT. NO. DTWL1414

Has a sliding lid to help minimize heat or cooling loss, and offer extra protection.

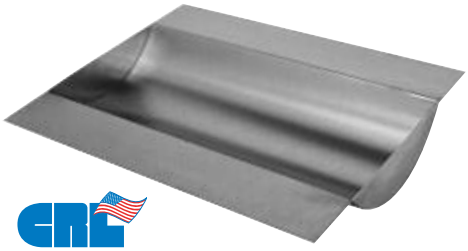
NO LID CAT. NO.	WITH LID CAT. NO.	DEPTH	HEIGHT
DT1414	DTWL1414	14" (355 mm)	3" (76 mm)

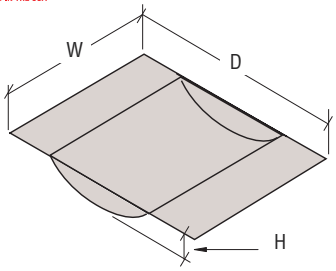
Minimum order: 1 each. **NOTE:** Deal Trays do not have drain holes, so an overhang is recommended for exterior use. Custom sizes are also available on special order.

CRL Deluxe Drop In Deal Trays

- Deep Dish Section for Passing Larger Items
- Drawings and Specifications are Available at crlaurence.com/deal-trays

The Deluxe Drop In Deal Tray is formed from heavy 16 gauge stainless steel with a brushed finish. Front and rear lips project 2-7/8" (73 mm) from the dish portion to provide protection for the counter top. The 2-3/8" (60 mm) deep dish section allows larger items to be passed between clerk/cashier and the customer.







MORE INFORMATION
crlaurence.com

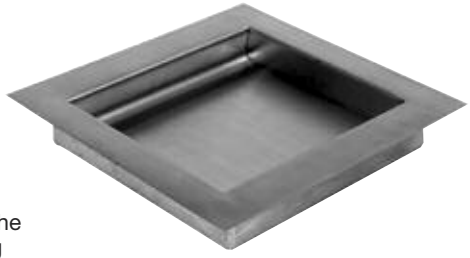
CAT. NO.	WIDTH	DEPTH	HEIGHT
T12SS	12" (305 mm)	14-1/8" (359 mm)	2-3/8" (60 mm)
T18SS	18" (457 mm)	14-1/8" (359 mm)	2-3/8" (60 mm)
T24SS	24" (610 mm)	14-1/8" (359 mm)	2-3/8" (60 mm)

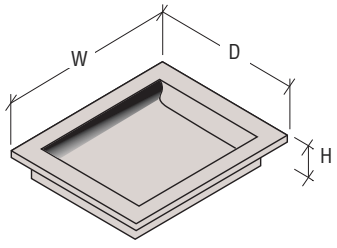
Minimum order: 1 each. **NOTE:** Deal Tray does not have drain holes, so an overhang is recommended for exterior use. Custom sizes are also available on special order.

CRL Non-Ricochet Bullet Resistant Drop In Deal Trays

- Easy Out Radius on Customer Side
- Level 1 or Level 3 Protection Offered
- Drawings and Specifications are Available at crlaurence.com/deal-trays

Non-Ricochet Bullet Resistant Drop In Deal Trays have a specially shaped inner curved design that will provide bullet resistance. The shape assists in retaining the bullet inside the tray or directing it back towards the glass above, depending upon the angle of entry. Constructed of brushed stainless steel, with two sizes of each level available.







PROTECTION LEVELS



CAT. NO.	BULLET RESISTANCE	WIDTH	DEPTH	HEIGHT
BRT112	Level 1	12" (305 mm)	11" (279 mm)	1-3/4" (44 mm)
BRT116	Level 1	16" (406 mm)	11" (279 mm)	1-3/4" (44 mm)
BRT312	Level 3	12" (305 mm)	12" (305 mm)	2" (51 mm)
BRT316	Level 3	16" (406 mm)	12" (305 mm)	2" (51 mm)

Minimum order: 1 each. **NOTE:** Deal Tray does not have drain holes, so an overhang is recommended for exterior use. Custom sizes are also available on special order.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL Deal Drawer

MORE INFORMATION crlaurence.com

INTERIOR EXTERIOR

CRL US ALUMINUM MANUFACTURED IN THE USA

- Flush Appearance
- Ball Bearing Glides
- Drawer Unit has Stainless Steel Construction

Our Deal Drawer is built to be recessed in the counter top along the ront edge to achieve a flush appearance. Glazing above the flat hood portion provides a barrier that doesn't obstruct operation of drawer. A full width handle across the rear of the drawer pushes it smoothly along ball bearing glides for ease of operation. Lexan lid will not open when drawer is extended. An overhang or awning is recommended if used in an exterior application. Inside dimensions of drawer are 12-3/8" (314 mm) wide x 13-1/4" (337 mm) deep x 2-7/8" (73 mm) high.



CAT. NO.	WIDTH	DEPTH	HEIGHT
DD1616	15-3/4" (400 mm)	16-1/4" (413 mm)	4-15/16" (125 mm)

Minimum order: 1 each. **NOTE:** Drawer projects 7-1/2" (191 mm) fully open.

CRL Transaction and Cash Box Drawer

INTERIOR EXTERIOR

CRL US ALUMINUM MANUFACTURED IN THE USA

- Removable Deal Tray for Passing Larger Items
- Lockable Cash Box
- Fully Assembled and Ready for Installation

The Transaction and Cash Box Drawer allows clerk to maintain customer contact while secure inside. The customer's view of cash box contents is blocked by a hinged locking cover.

Clerk can pass small packages by removing the deal tray from the front drawer. The operating handle uses a self-contained locking device. Constructed of stainless steel. Interior capacity of front Drawer with Tray removed is 14-3/8" W x 11-5/8" D x 3-3/8" H (365 x 295 x 86 mm).



CAT. NO.	WIDTH	DEPTH	HEIGHT
FL4463	18" (457 mm)	25" (635 mm)	5" (127 mm)

Minimum order: 1 each. **NOTE:** Drawer projects 10-1/4" (260 mm) fully open.

CRL Deep Transaction Drawer With Cash Tray

INTERIOR EXTERIOR

CRL US ALUMINUM MANUFACTURED IN THE USA

- Allows for Transfer of Larger Items
- Constructed of Stainless Steel
- Attachable Purse Shelves Included

The unique design of this Deep Transaction Drawer with Cash Tray will enable the transfer of motor oil, six-packs of beverages, and other bulk items, all while protecting employees and inventory inside. Self-contained, smooth operating locking mechanism requires no keys. This model also has 10 gauge steel bullet resistant liners in front and back. Two attachable purse shelves are included with the unit. **NOTE:** An overhang is recommended if used in an exterior application. Interior capacity of Drawer is 14-1/2" W x 18-1/2" D x 7-1/2" H (368 x 470 x 190 mm).



CAT. NO.	WIDTH	DEPTH	HEIGHT
FL3246C	16" (406 mm)	21" (533 mm)	10" (254 mm)

Minimum order: 1 each. **NOTE:** Drawer projects 8-3/4" (222 mm) fully open.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Large Capacity and Oversized Transaction Drawers

- Popular Thru-Wall and In-Counter Models
- Level 1 Bullet Resistant Protection

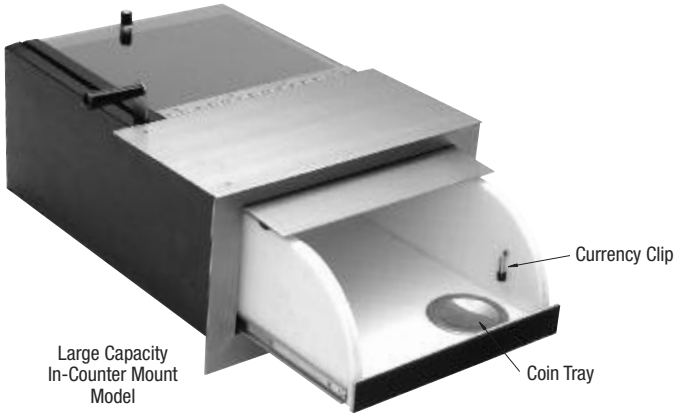
Our Large Capacity and Oversized Transaction Drawers are available in two different configurations; one designed to be installed into a counter, one designed to allow thru-wall installation requirements. Simply choose the drawer that best fulfills your installation requirements.

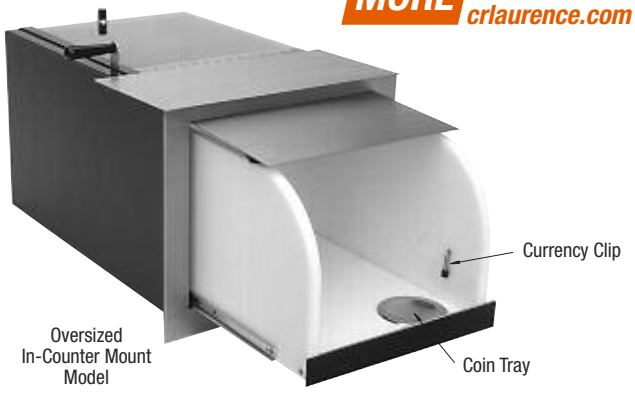
Suitable for drive-up and walk up service, these weather resistant drawers have a Lexan® lid to allow clear view of contents while preventing direct entry of outside air. Stainless steel front panel pivots up as drawer is extended. Latching knob keeps drawer lid locked when closed. Large Capacity Drawers: Inside measurements of drawer are 12-7/8" (327 mm) wide x 20-3/4" (527 mm) deep x 6-1/4" (159 mm) high. Oversized Capacity Drawers: Inside measurements of drawer are 12-7/8" (327 mm) wide x 23-3/4" (603 mm) deep x 11" (279 mm) high. Custom sizes and Level 3 Bullet Resistant versions are available on special order.

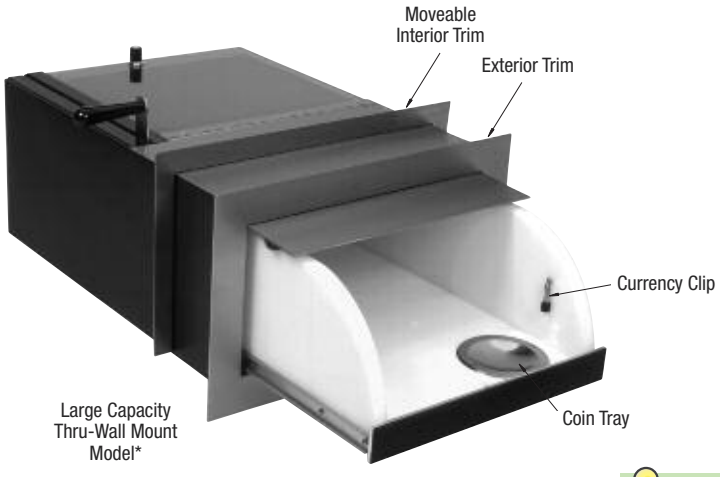


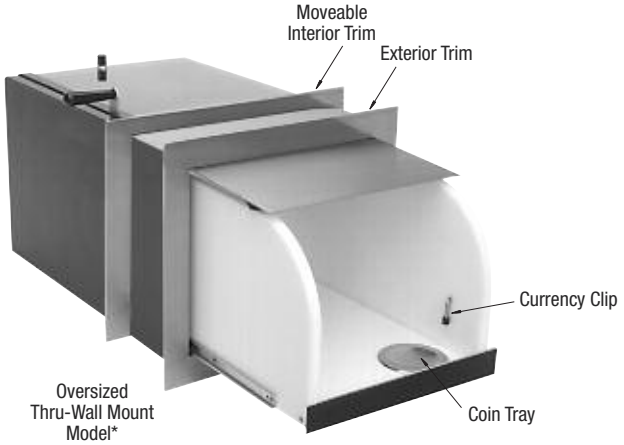
In-Counter Mount Shown

MORE INFORMATION
crlaurence.com









INTERIOR
EXTERIOR

PROTECTION LEVEL



CAT. NO.	STYLE	MOUNTING TYPE	WIDTH	DEPTH	HEIGHT
TD1724	Large Capacity	In-Counter	17" (432 mm)	24" (610 mm)	9-7/8" (251 mm)
TD1724TW	Large Capacity	Thru-Wall*	17" (432 mm)	24" (610 mm)	9-7/8" (251 mm)
TD1727	Oversized	In-Counter	17" (432 mm)	27" (686 mm)	14-5/8" (371 mm)
TD1727TW	Oversized	Thru-Wall*	17" (432 mm)	27" (686 mm)	14-5/8" (371 mm)

Minimum order: 1 each. Large Capacity Drawers extend 9-3/4" (248 mm) from face of wall when fully opened. Oversized Capacity Drawers extend 12-3/4" (324 mm) from face of wall when fully opened. *Maximum wall thickness 9-1/2" (241 mm) for Thru-Wall Models.

Lexan is a registered trademark of SABIC Innovative Plastics.

CRL Sliding Deal Tray and Pass-Thru Bin

INTERIOR EXTERIOR

CRL US ALUMINUM MANUFACTURED IN THE USA

- Dual Operations Unit for Transferring Large or Small Items
- Stainless Steel Construction Provides Level 1 Protection

The Sliding Deal Tray and Pass-Thru Bin handles two jobs using one unit. The sliding lid has a built-in deal tray for transferring cash and small items by sliding the lid forward and back. Bulk items can be passed through the larger bin cavity below*. The 5" (127 mm) deep cross member on the top of the unit allows for through-wall installations. The unit can also be mounted on a counter top with the window notched around it. An overhang or awning is recommended if used in an exterior application. Openings are 14" (356 mm) wide x 6" (152 mm) deep when not covered by sliding tray.

GLASS FAB

PROTECTION LEVEL





CAT. NO.	WIDTH	DEPTH	HEIGHT
ST1620	16" (406 mm)	20" (508 mm)	10" (254 mm)

Minimum order: 1 each. *Bin does not slide.

CRL Clear Package Receivers

INTERIOR USE

CRL US ALUMINUM MANUFACTURED IN THE USA

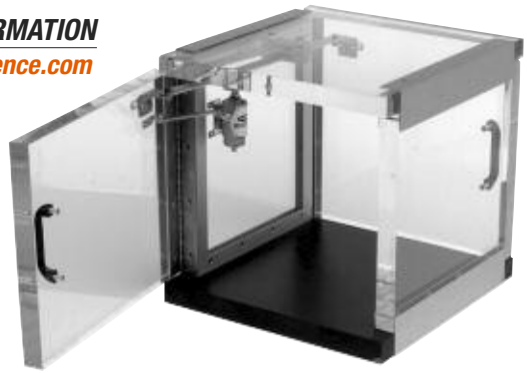
- Level 1 or Level 3 Bullet Resistant Protection Available
- Contents are in Full View to Clerk Without Opening Inner Door
- Custom Sizes and Features Available

MORE INFORMATION crlaurence.com

The Clear Package Receiver is designed for interior use only. A special interlocking mechanism allows only one door to open at a time. Closer furnished on customer side door. Contents can be clearly viewed from the top and all four sides. Handing is determined by hinge placement on customer's side. Inside Dimensions: 13-5/16" (338 mm) wide x 12-1/2" (318 mm) deep x 13-3/8" (340 mm) high.

PROTECTION LEVELS





Left Hand Model (Customer's Side)

CAT. NO.	BULLET RESISTANCE	HANDING	HEIGHT* DEPTH* WIDTH*
CPR1	Level 1	Left	16" (406 mm)
CPR2	Level 1	Right	16" (406 mm)
CPR31	Level 3	Left	16" (406 mm)
CPR32	Level 3	Right	16" (406 mm)

Minimum order: 1 each. *Outside Dimensions

CRL Rotary Server With Vision Panel

INTERIOR EXTERIOR

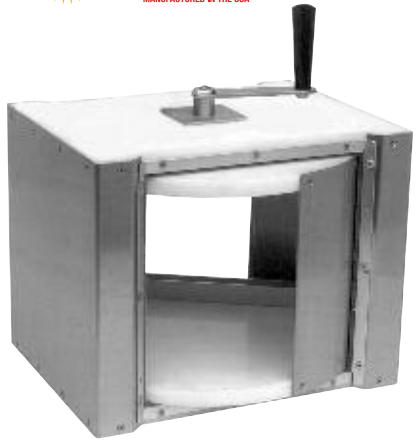
CRL US ALUMINUM MANUFACTURED IN THE USA

- Level 1 Bullet Resistant Protection
- Drum Rotates 180 Degrees
- Vision Panel Allows View of Contents Before Drum is Turned

The Rotary Server With Vision Panel is constructed of stainless steel, bullet resistant plastic, and 1-1/4" (32 mm) Level 1 Acrylic for the vision panel. In the locked position the stainless steel drum is turned to the customer for maximum security. Unit is weatherstripped for outdoor use. Drum extends behind and in front of the unit, and is 15-1/4" (387 mm) in diameter.

PROTECTION LEVEL





CAT. NO.	WIDTH	DEPTH	HEIGHT
RSVW1	16" (406 mm)	12-1/2" (318 mm)	16" (406 mm)

Minimum order: 1 each.

CRL Package Receivers With Steel Doors

- **Level 1 and Level 3 Bullet Resistant Protection**
- **Interlock Security on Doors**
- **Custom Sizes and Features Available**

The CRL Package Receiver With Steel Doors is designed for the transfer of larger items. A special interlocking mechanism between the interior and exterior doors allows only one door to be opened at a time. A closer is furnished on the exterior door. The unit will mount in walls up to 11-1/2" (292 mm) thick, and requires a 15-1/2" x 15-1/2" (394 x 394 mm) wall opening.





Model SPR3 Shown

CAT. NO.	DESCRIPTION	BULLET RESISTANCE	WIDTH*	DEPTH*	HEIGHT*
PPR1	Prime Painted Doors	Level 1	14-3/4" (375 mm)	15-7/8" (403 mm)	13-1/4" (337 mm)
PPR3	Prime Painted Doors	Level 3	14-3/4" (375 mm)	15-7/8" (403 mm)	13-1/4" (337 mm)
SPR1	Stainless Steel Doors	Level 1	14-3/4" (375 mm)	15-7/8" (403 mm)	13-1/4" (337 mm)
SPR3	Stainless Steel Doors	Level 3	14-3/4" (375 mm)	15-7/8" (403 mm)	13-1/4" (337 mm)

Minimum order: 1 each. *Inside Box Dimensions. Exterior Door is Hinged on Customer's Left Side.

INTERIOR EXTERIOR

PROTECTION LEVELS



CRL Package Receivers With Vision Panel Door

- **Clear Bullet Resistant Panel on Inner Door for Inspection Before Opening**
- **Level 1 and Level 3 Bullet Resistant Protection**
- **Interlock Security on Doors**
- **Custom Sizes and Features Available**

MORE INFORMATION crlaurence.com



Our Package Receivers With Vision Panel Doors have the same design as the SPR1 and SPR3 Stainless Steel Door Package Receivers. They feature a 12" wide x 10" high (305 x 254 mm) Vision Panel in the interior door. This enables the operator to see the contents inside the unit. Level 1 unit is glazed with 1-1/4" (32 mm) Acrylic; Level 3 unit is glazed with 1-1/4" (32 mm) Lexgard®.

CAT. NO.	DESCRIPTION	BULLET RESISTANCE	WIDTH*	DEPTH*	HEIGHT*
SPRVP1	Vision Panel Door	Level 1	14-3/4" (375 mm)	14-3/16" (360 mm)	13-1/4" (337 mm)
SPRVP3	Vision Panel Door	Level 3	14-3/4" (375 mm)	14-3/16" (360 mm)	13-1/4" (337 mm)

Minimum order: 1 each. *Inside Box Dimensions. Exterior Door is Hinged on Customer's Left Side.

INTERIOR EXTERIOR

PROTECTION LEVELS



CRL Pass-Thru Hoppers

- **All Stainless Steel Construction**
- **Lockable From Clerk's Side (Secure Side)**
- **Mounts Counter Top, Thru-Wall, or in a Window Opening**
- **Level 2 Bullet Resistant Protection**
- **Stock and Custom Sizes Available**



Counter Top and Window Opening Model (Clerk's Side Shown)



Thru-Wall Model with 1" (25.4 mm) Flanges (Clerk's Side Shown) Both Flanges are Adjustable

The CRL Pass-Thru Hopper is perfect for convenience stores, gas stations, financial institutions, police stations, jails or detention centers.

Large 15-5/8" W x 9-1/4" H x 7" D (397 x 235 x 178 mm) inner capacity for bigger items. The CRL Pass-Thru Hopper with two adjustable flanges for Thru-Wall applications will work on wall thicknesses up to 9" (229 mm). Custom sizes are available upon request.

CAT. NO.	MOUNTING TYPE	WIDTH	DEPTH	HEIGHT
H0P1611	Counter Top/ Window Opening	16" (406 mm)	9" (229 mm)	11" (279 mm)
H0P1611TW	Thru-Wall	18" (457 mm)*	9" (229 mm)	12" (305 mm)*

Minimum order: 1 each. * Measurements for the Thru-Wall Unit include 1" flange on three sides of the Pass-Thru Hopper.

INTERIOR EXTERIOR

PROTECTION LEVEL



Lexgard is a registered trademark of G.A.A.G. LLC.

CRL Prefabricated Partition Posts in Stock and Ready For Immediate Shipment

MORE INFORMATION crlaurence.com

CRL US ALUMINUM MANUFACTURED IN THE USA

USE MONOLITHIC TEMPERED GLASS

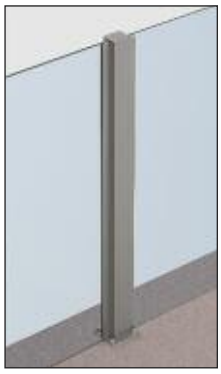
- Stock Posts, Ready to Ship
- Standard Heights of 12", 18", and 24" (305, 457, and 610 mm) With Caps and Mounting Bases Included
- Many Configurations Available to Satisfy a Multitude of Design Requirements
- "Quick Ship" Custom Posts Also Available and Ready to Ship in Three to Five Days From Our California Manufacturing Plant
- "Make Your Own" Post Components in Stock
- "Re-Supply" Program Allows Shipments From Local CRL Service Centers on a Weekly Basis

Design Series

CRL Design Series Glass Partition and Divider Posts are some of our most popular. They are fabricated of square aluminum extrusion with the glass channels attached to the main extrusion. They are available in four stock finishes and three stock sizes, off the shelf and "Ready-to-Ship".



See pages GG180-GG184





Sculptured Series

CRL Sculptured Series Glass Partition and Divider Posts are fabricated of square aluminum extrusion with the glass channels recessed in the main extrusion. They are available in three stock sizes and finishes, off the shelf and "Ready-to-Ship".



See pages GG185-GG187





Plaza Series

CRL Plaza Series Glass Partition and Divider Posts are fabricated with 1-1/2" (38.1 mm) Stainless Steel Square Tubing. The glass can be attached using U-Channels, Glass Clips or Glass Clamps. They are available in three stock sizes and two stock finishes, off the shelf and "Ready-to-Ship".



See page GG188





Elegant Series

CRL Elegant Series Glass Partition and Divider Posts are fabricated with 1-1/2" (38.1 mm) or 2" (50.8 mm) Stainless Steel or Brass Round Tubing. The glass can be attached using U-Channels, Glass Clips or Glass Clamps. They are available in three stock sizes and two stock finishes off the shelf and "Ready-to-Ship".



See page GG189





TOLL FREE Phone: (800) 421-6144
Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Design Series Aluminum Partition Posts

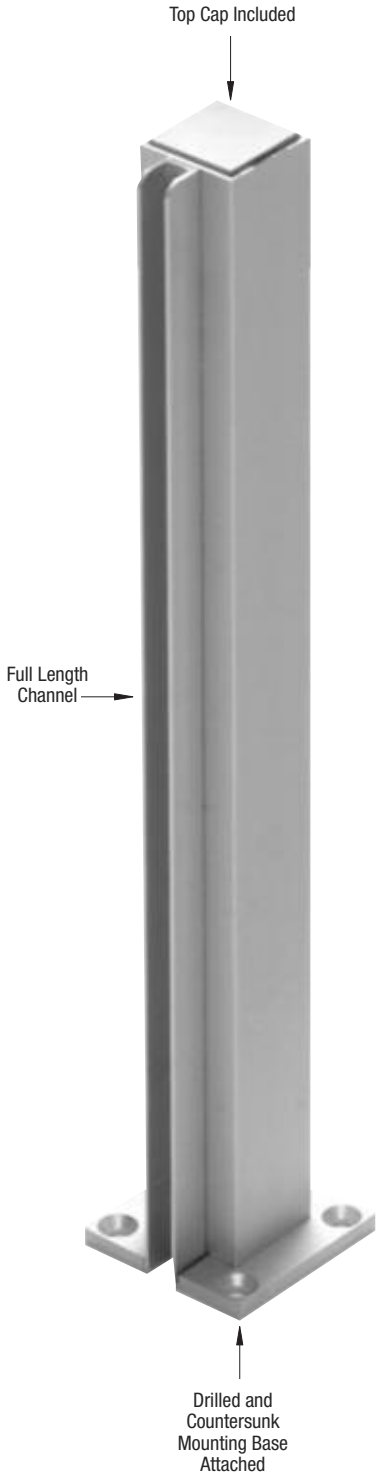
USE MONOLITHIC TEMPERED GLASS

MORE INFORMATION crlaurence.com

- Stock Post Sizes for Immediate Shipment
- Standard Heights of 12", 18", and 24" (305, 457, and 610 mm) are Available in Four Finishes
- 14", 16", and 30" (356, 406, and 762 mm) Standard Heights are Also Available in Satin Anodized Only
- Eight Standard Configurations – End, Center, Corner, 3-Way, 4-Way, 135 Degree Center (LH and RH), and 45 Degree Center
- Aluminum Tubing With Full Length Channels for 1/4" (6 mm) Thick Glass
- Top Cap and Mounting Base Included

CRL Design Series Partition Posts are very popular, available in the standard stock sizes shown on the opposite page, and are ready for immediate delivery. These Posts have been used for years in banks, offices, and restaurants. A slim line profile and easy-to-install Mounting Base have made them a favorite in the industry. The glass can be secured into the glazing channels using Cat. No. 33SC Clear Silicone, or with the glazing vinyl provided for 1/4" (6 mm) or 3/16" (4.8 mm) glass. Each Post contains one attached Top Cap, one attached Mounting Base, and four Wood Screws for mounting.





These Posts are stock sizes and are ready to ship to you. If you require Custom Posts we can fabricate these to ship from Los Angeles, California within three to five working days. Please go to **crlaurence.com/partition-posts** for more information on Custom Design Series Partition Posts. Also, for Do-it-Yourselfers we offer component parts so you can fabricate completed units in your own shop. See pages GG182-GG183 for more information.

CRL Design Series Aluminum Partition Posts

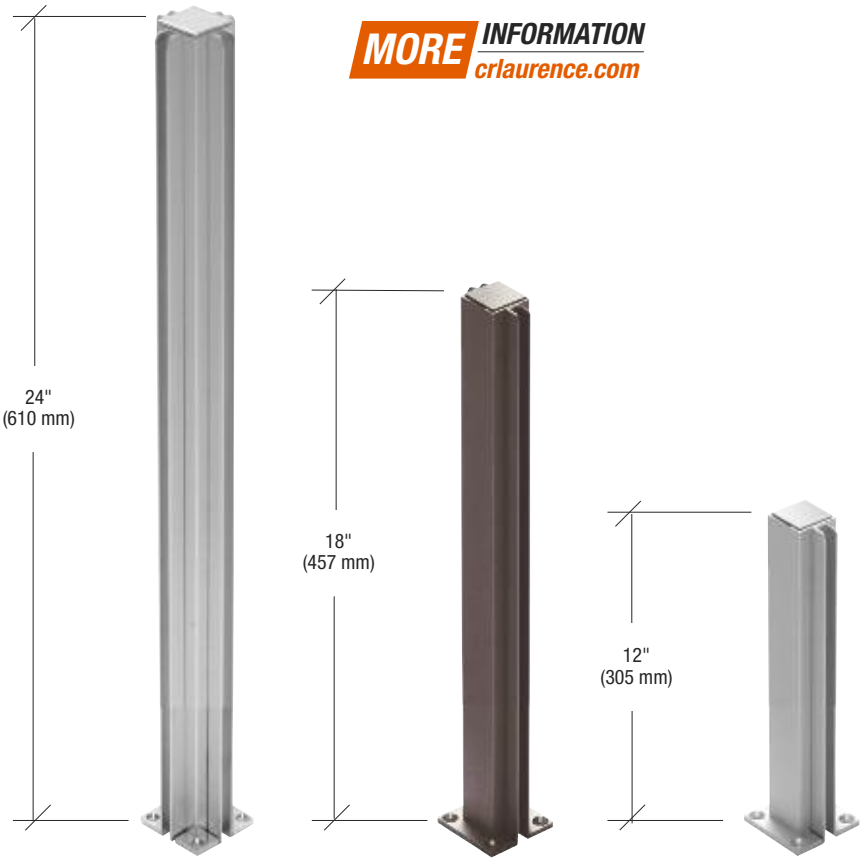
- Stock Post Sizes for Immediate Shipment

MORE INFORMATION crlaurence.com

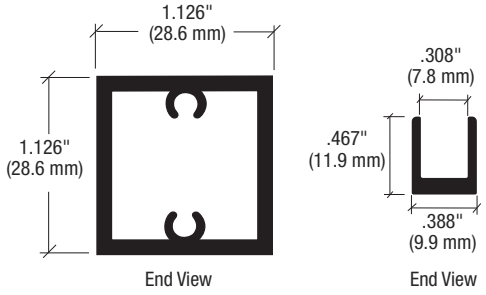
CRL US ALUMINUM MANUFACTURED IN THE USA

USE MONOLITHIC TEMPERED GLASS

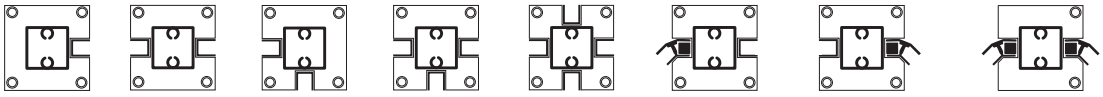
MORE SIZES crlaurence.com



Cross Section of Post and Glass Channel Extrusions



These fully assembled Design Series Posts measure 1-1/8" (28.6 mm) square. Post Mounting Base Plates measure 2" (50.8 mm) square. Glazing Channels measure full length and rise 15/32" (11.8 mm) from the post surface. Glazing Vinyl for 1/4" (6 mm) and 3/16" (5 mm) glass is supplied to fill glass channel.

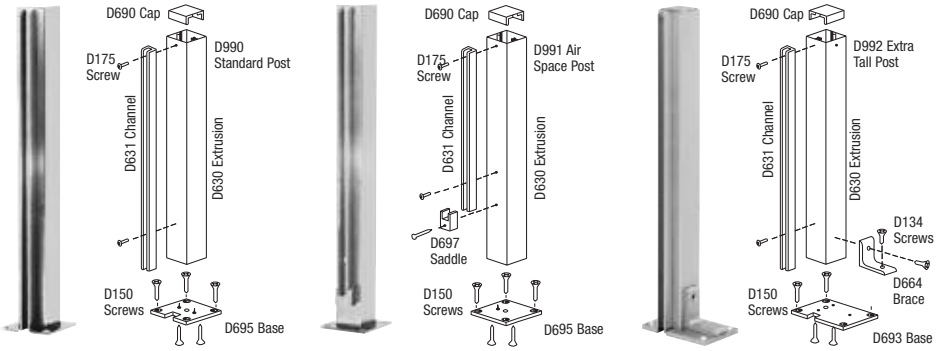


POST FINISHES	POST HEIGHT	END	CENTER	90 DEGREE CORNER	3-WAY	4-WAY	135 DEGREE RH CENTER	135 DEGREE LH CENTER	45 DEGREE CENTER
Satin Anodized	12" (305 mm)	D990A12E	D990A12C	D990A12CR	D990A123W	D990A124W	D990A12135R	D990A12135L	D990A1245C
	14" (355 mm)	D990A14E	D990A14C	D990A14CR	D990A143W	D990A144W	D990A14135R	D990A14135L	D990A1445C
	16" (406 mm)	D990A16E	D990A16C	D990A16CR	D990A163W	D990A164W	D990A16135R	D990A16135L	D990A1645C
	18" (457 mm)	D990A18E	D990A18C	D990A18CR	D990A183W	D990A184W	D990A18135R	D990A18135L	D990A1845C
	24" (610 mm)	D990A24E	D990A24C	D990A24CR	D990A243W	D990A244W	D990A24135R	D990A24135L	D990A2445C
	30" (762 mm)	D990A30E	D990A30C	D990A30CR	D990A303W	D990A304W	D990A30135R	D990A30135L	D990A3045C
Brite Anodized	12" (305 mm)	D990BA12E	D990BA12C	D990BA12CR	D990BA123W	D990BA124W	D990BA12135R	D990BA12135L	D990BA1245C
	18" (457 mm)	D990BA18E	D990BA18C	D990BA18CR	D990BA183W	D990BA184W	D990BA18135R	D990BA18135L	D990BA1845C
	24" (610 mm)	D990BA24E	D990BA24C	D990BA24CR	D990BA243W	---	D990BA24135R	D990BA24135L	D990BA2445C
Brite Gold Anodized	12" (305 mm)	D990BGA12E	D990BGA12C	D990BGA12CR	D990BGA123W	---	D990BGA12135R	D990BGA12135L	D990BGA1245C
	18" (457 mm)	D990BGA18E	D990BGA18C	D990BGA18CR	D990BGA183W	---	D990BGA18135R	D990BGA18135L	D990BGA1845C
	24" (610 mm)	D990BGA24E	D990BGA24C	D990BGA24CR	D990BGA243W	---	D990BGA24135R	D990BGA24135L	D990BGA2445C
Duranodic Bronze	12" (305 mm)	D990DU12E	D990DU12C	D990DU12CR	D990DU123W	D990DU124W	D990DU12135R	D990DU12135L	D990DU1245C
	18" (457 mm)	D990DU18E	D990DU18C	D990DU18CR	D990DU183W	D990DU184W	D990DU18135R	D990DU18135L	D990DU1845C
	24" (610 mm)	D990DU24E	D990DU24C	D990DU24CR	D990DU243W	D990DU244W	D990DU24135R	D990DU24135L	D990DU2445C

Minimum order: 1 each. All Post Kits can be combined for quantity pricing.

"Make Your Own" Design Series Partition Posts With CRL Components

- **Assemble the Aluminum Partition Posts You Need in Your Own Shop and Save Time**
- **With a Very Minimal Parts Inventory You Will Always Be Ready to Provide Your Customers With the Partitions They Want Without Delay**

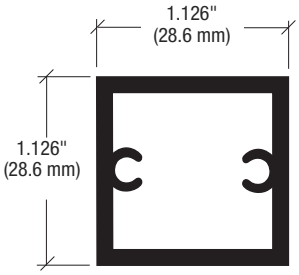


CRL Square Post Extrusion

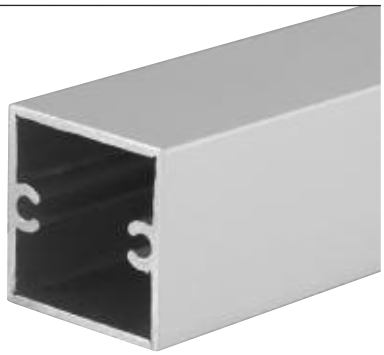
Partition Post Stock is 1.126" (28.6 mm) square extruded aluminum in your choice of four beautiful finishes: Satin Anodized, Duranodic Bronze, Brite Anodized, and Brite Gold Anodized. 12 foot (3.66 m) stock lengths are ready to be cut into any length posts required.

CAT. NO.	FINISH
D630A	Satin Anodized
D630DU	Duranodic Bronze
D630BA	Brite Anodized
D630BGA	Brite Gold Anodized

Minimum order: 1 stock length. All CRL Aluminum Extrusions can be combined for quantity pricing. Packing charge added to orders of less than 10 combined lengths. F.O.B. CRL service centers. Specify cutting instructions if stock lengths are to be shipped via U.P.S.



MORE INFORMATION crlaurence.com

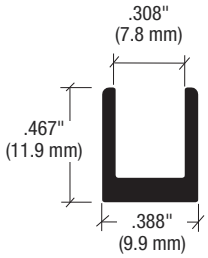


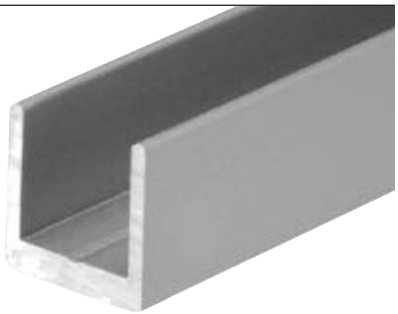
CRL U-Channel

U-Channel is available in the same four finishes as our D630 Square Extrusion. The .308" (7.8 mm) channel width allows for vinyl packing around glass of 3/16", 7/32", and 1/4" (5 to 6 mm) thickness. Fasten to Square Extrusion with pop rivets or Cat. No. D175 Screws. Available in 12 foot (3.66 m) stock lengths you cut to required size.

CAT. NO.	FINISH
D631A	Satin Anodized
D631DU	Duranodic Bronze
D631BA	Brite Anodized
D631BGA	Brite Gold Anodized

Minimum order: 1 stock length. All CRL Aluminum Extrusions can be combined for quantity pricing. Packing charge added to orders of less than 10 combined lengths. F.O.B. CRL service centers. Specify cutting instructions if stock lengths are to be shipped via U.P.S.





NOTE: If using 3/8" (10 mm) thick glass, D321 or D604 U-Channel must be used. View them at **crlaurence.com** for exact inside Channel dimensions that will be appropriate for your glass thickness. D321 and D604 U-Channels will require that you wet glaze the glass.

Make 135 Degree Posts for Special Installations

With CRL's 135 Degree H-Bar you're not restricted to rectangular Partition Post layouts. Use D634 in place of D631 Glass Channel to create 135 Degree Posts in either End or Center configurations. Fasten D637M Square Bar Stock to D630 Square Extrusion with D134 Screws, then fit D634 over D637M to make a 135 degree glass angle. D634 comes in four finishes to match our Square Extrusion and Glass Channel.

CAT. NO.	DESCRIPTION	FINISH
D634A	135 Degree H-Bar	Satin Anodized
D634DU	135 Degree H-Bar	Duranodic Bronze
D634BA	135 Degree H-Bar	Brite Anodized
D634BGA	135 Degree H-Bar	Brite Gold Anodized
D637M	Bar Stock	Mill

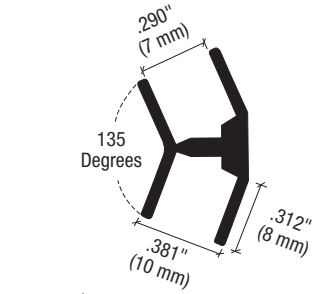
Minimum order: 1 stock length. All CRL Aluminum Extrusions can be combined for quantity pricing. Packing charge added to orders of less than 10 combined lengths. F.O.B. CRL service centers. Specify cutting instructions if stock lengths are to be shipped via U.P.S.



D634A 135 Degree H-Bar



D637M Square Bar Stock



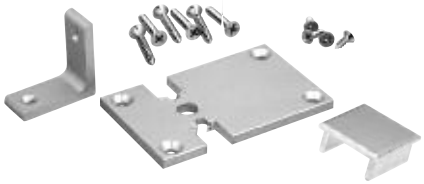
135 Degree Center Post Base Configuration Shown

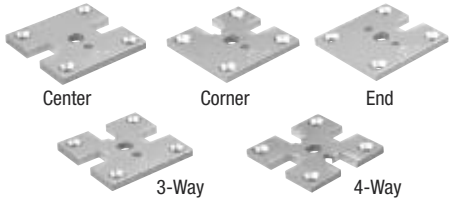


CRL Design Series Partition Post Base Plate Kits

CRL Partition Post Base Plate Kits contain either a 2" x 2" (51 x 51 mm) or 2" x 3" (51 x 76 mm) Base Plate, plus Top Cap and all hardware required. Use with CRL D630 Square Tubing and D631 Glass Channel, and you have everything you need.







2" X 2" BASE KIT FOR POSTS UP TO 24" (610 MM)

CAT. NO.	CONFIGURATION	FINISH
D1990AC	Center	Satin Anodized
D1990ACR	Corner	Satin Anodized
D1990AE	End	Satin Anodized
D1990A3W	3-Way	Satin Anodized
D1990A4W	4-Way	Satin Anodized

Minimum order: 1 each. Duranodic bronze, brite anodized, and brite gold anodized available by special order only.

2" X 3" BASE KIT FOR POSTS OVER 24" (610 MM)

CAT. NO.	CONFIGURATION	FINISH
D1993AC	Center	Satin Anodized
D1993ACR	Corner	Satin Anodized
D1993AEL	Left End	Satin Anodized
D1993AER	Right End	Satin Anodized

Minimum order: 1 each. Duranodic bronze, brite anodized, and brite gold anodized available by special order only.

CRL Design Series Partition Post Components

CRL Top Cap for D630 Post Extrusion.



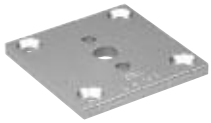
MORE INFORMATION crlaurence.com

D691A Flange Cap

CAT. NO.	FINISH
D691A	Satin Anodized
D691DU	Duranodic Bronze
D691BA	Brite Anodized
D691BGA	Brite Gold Anodized

Minimum order: 1 each.

CRL Standard 2" x 2" (51 x 51 mm) Base for Post Extrusion. Screws included.

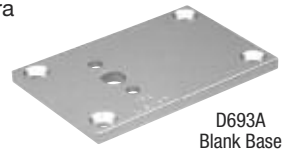


D695A Blank Base

CAT. NO.	FINISH
D695A	Satin Anodized
D695DU	Duranodic Bronze
D695BA	Brite Anodized
D695BGA	Brite Gold Anodized

Minimum order: 1 each.

CRL 2" x 3" (51 x 76 mm) Base for extra tall posts. Screws included.



D693A Blank Base

CAT. NO.	FINISH
D693A	Satin Anodized
D693DU	Duranodic Bronze
D693BA	Brite Anodized
D693BGA	Brite Gold Anodized

Minimum order: 1 each.

CRL Post Saddle used for lower support of glass on Design Series Posts with an air space. Order Cat. No. D175 Screws Separately.



D697A Saddle

CAT. NO.	FINISH
D697A	Satin Anodized
D697DU	Duranodic Bronze
D697BA	Brite Anodized
D697BGA	Brite Gold Anodized

Minimum order: 1 each.

CRL Mounting Screws. 100 per box. Minimum order is 100 each.



CAT. NO. D134
#6 x 1/2" Mounting Screw for D664 Brace



CAT. NO. D150
#8 x 1" Mounting Screw for D695 2" x 2" Base or D693 2" x 3" Base



CAT. NO. D175
#5 x 3/4" Mounting Screw for D697 Saddle

CRL Brace used on extra tall posts with D693 2" x 3" Base. Order Cat. No. D134 Screws separately.

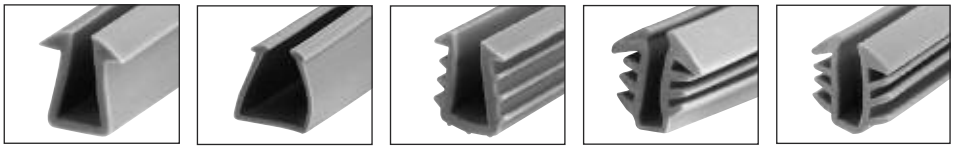


D664A

CAT. NO.	FINISH
D664A	Satin Anodized
D664DU	Duranodic Bronze
D664BA	Brite Anodized
D664BGA	Brite Gold Anodized

Minimum order: 1 each.

CRL Glazing Vinyl for Design Series Partition Posts



D749 D751 D752 D753 D754

CRL Glazing Vinyls are made to fit D631 Glass Channel, normally used for 1/4" glass, to accommodate glass or other glazing materials 7/32", 3/16", 1/8" or 1/16" thick. When glazing is completed, all that remains visible is a neat "bead" that gives the framed glass or other glazing material a finished professional appearance. Available in gray color only.

• Available in Five Sizes

100 FOOT (30.5 M) ROLL CAT. NO.	GLASS THICKNESS	1000 FOOT (305 M) ROLL CAT. NO.
D749C	7/32" (5.5 mm)	D749M
D751C	1/4" (6 mm)	D751M
D752C	3/16" (5 mm)	D752M
D753C	1/8" (3.2 mm)	D753M
D754C	1/16" (1.6 mm)	D754M

Minimum order: 1 roll. Sizes can be combined for quantity pricing.

TOLL FREE Phone: (800) 421-6144
Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Custom Design Series Sneeze Guard and Salad Bar Posts

- Attractive, Easy to Install
- Ideal for Cafeteria or Salad Bar Use
- Custom Manufactured to Your Specifications and Shipped Within 7 to 10 Working Days From Los Angeles, California
- Available in Five Aluminum Finishes
- Supplied With Glass Channel Vinyl for 1/4" (6 mm) and 3/16" (5 mm) Glass

CRL US ALUMINUM MANUFACTURED IN THE USA

USE MONOLITHIC TEMPERED GLASS

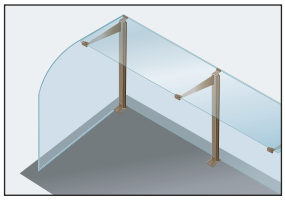


In addition to our Design Series Partition Posts, CRL also offers a variety of Sneeze Guard, Salad Bar, and Food Service Partition Posts fabricated with 1-1/8" (28.6 mm) square aluminum extrusion in a variety of configurations to cover almost any food service need. All Custom Posts are shipped from our Los Angeles, California manufacturing facility. Contact Technical Sales for more information or go to **crlaurence.com/sneeze-guards**.

MORE INFORMATION crlaurence.com

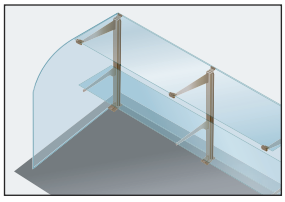


D995 Series
Counter Sneeze Guard Post
With Top Shelf Bracket



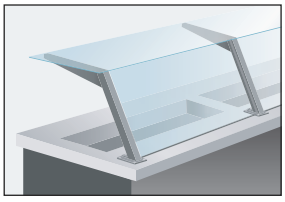


D995 Series
Counter Sneeze Guard Post With
Top and Intermediate Shelf Brackets



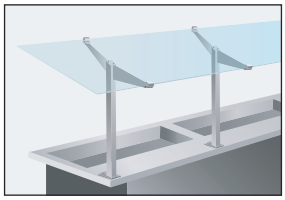


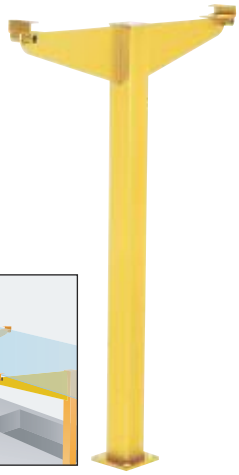
D996 Series
74 Degree Slant Sneeze Guard Post
With Top Shelf Bracket



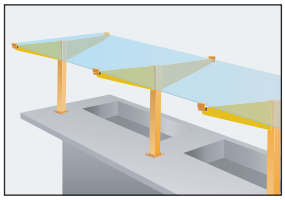


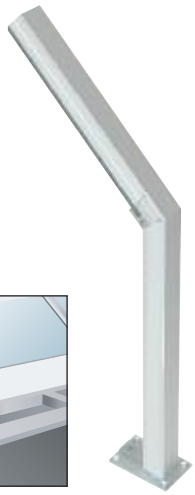
D997 Series
Smorgasbord Post With
30 Degree Slant Top Bracket



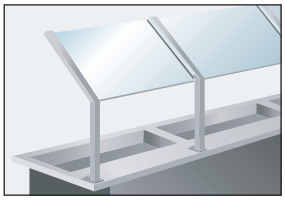


D998 Series
Tee Post With
Top Bracket





D999 Series
Sneeze Guard Post With
45 Degree Slant Top



CRL Sculptured Series Aluminum Partition Post Kits

- Stock Post Sizes for Immediate Shipment
- Extruded Square Aluminum Posts for 7/32" or 1/4" (5.5 or 6 mm) Thick Glass
- Satin Anodized, Buffed Brite Anodized, and Duranodic Bronze Finishes
- Standard Heights of 12", 18", and 24" (305, 457, and 610 mm) With Cap and Mounting Base
- Concealed Mounting Base Installs With Just Two Screws

CRL US ALUMINUM MANUFACTURED IN THE USA

USE MONOLITHIC TEMPERED GLASS

MORE INFORMATION crlaurence.com

CRL Sculptured Series Partition Posts are so versatile because you can arrange the three styles in any pattern required to complete an efficient and attractive counter post installation. Made of heavy-duty square extruded aluminum, these Posts have recessed channels that will accept 7/32" to 1/4" (5.5 to 6 mm) plate or patterned glass. The glass is secured into the recessed channels using Cat. No. 33SC Clear Silicone.

They're available in Satin Anodized, Buffed Brite Anodized, and Duranodic Bronze finishes. You can install them in wood, marble or vitreous counter tops using an ingenious yet simple concealed Mounting Base that requires only two screws to secure it. A black plastic Post Cap snaps in on top to complete the installation.

CRL Sculptured Series Partition Posts are stocked in standard 12", 18", and 24" (305, 457, and 610 mm) heights and are ready to ship. Each Kit contains one Post Extrusion, one Post Mounting Base, two Screws, and one Plastic Top Cap.



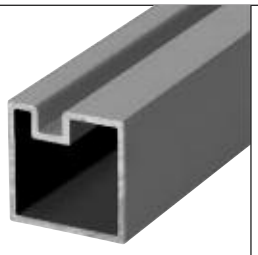


End Center Corner

These Posts are stock sizes and are ready to ship. If you require Custom Posts we can fabricate these to ship from Los Angeles, California within three to five working days. Please go to **crlaurence.com/partition-posts** for more information on Sculptured Series Custom Partition Posts.

Also, for Do-it-Yourselfers, we offer ready to ship component parts so you can fabricate completed units in your own shop. See page GG187 for more information.

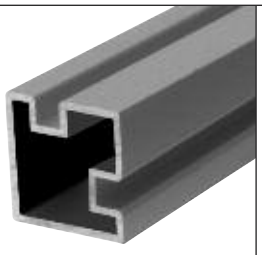




End
See Page GG187



Center
See Page GG187



Corner
See Page GG187



Black Plastic Top Cap
See Page GG187



Universal Post Mounting Base
See Page GG187

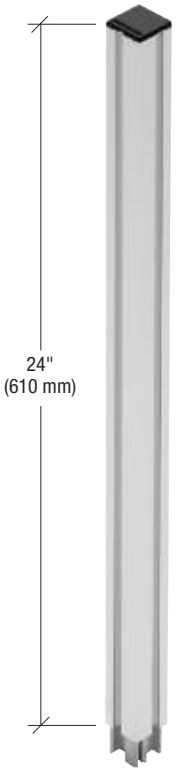
CRL Sculptured Series Aluminum Partition Post Kits

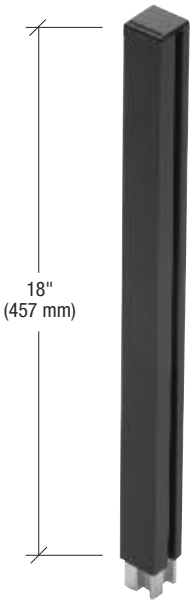
MORE INFORMATION crlaurence.com

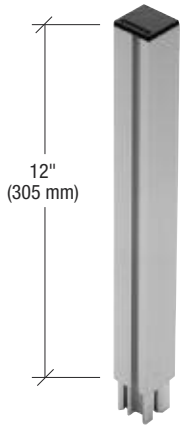
- Stock Post Sizes for Immediate Shipment

CRL US ALUMINUM MANUFACTURED IN THE USA

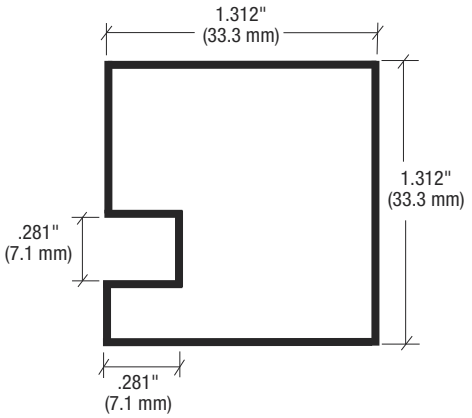
USE MONOLITHIC TEMPERED GLASS







Cross Section of Post Extrusion



Posts measure 1-5/16" (33.3 mm) square;
Posts Caps measure 1-5/16" (33.3 mm) square;
Posts Caps add 1/8" (3.2 mm) to overall height of post;
Recessed glass pockets are 9/32" (7.1 mm) deep.

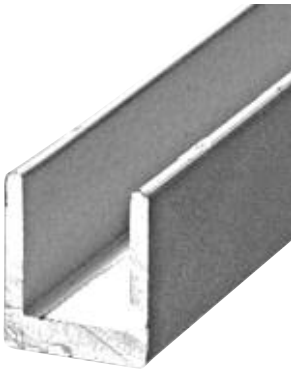
POST TYPE	HEIGHT	POST FINISHES SATIN ANODIZED CAT. NO.	DURANODIC BRONZE CAT. NO.	BUFFED BRITE ANODIZED CAT. NO.
 Corner	12" (305 mm)	6406312	6407312	6408312
	18" (457 mm)	6406318	6407318	6408318
	24" (610 mm)	6406324	6407324	6408324
 Center	12" (305 mm)	6406412	6407412	6408412
	18" (457 mm)	6406418	6407418	6408418
	24" (610 mm)	6406424	6407424	6408424
 End	12" (305 mm)	6406512	6407512	6408512
	18" (457 mm)	6406518	6407518	6408518
	24" (610 mm)	6406524	6407524	6408524

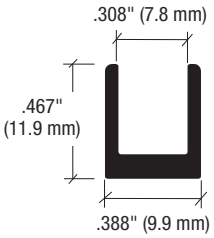
Minimum order: 1 each. All Post Kits can be combined for quantity pricing. Post Kits include post extrusion, top cap, mounting base, and screws.

CRL Top and Bottom U-Channel

- Extruded Aluminum U-Channel in Finishes to Match Our Sculptured Series Posts

U-Channel for exposed top or bottom edges of glass panels between Partition Posts. You can either screw the U-Channel to the counter for securing the bottom of the glass, or place it on the top of the glass and secure it with vinyl or our Cat. No. 33SC Clear Silicone.





MORE CHOICES crlaurence.com

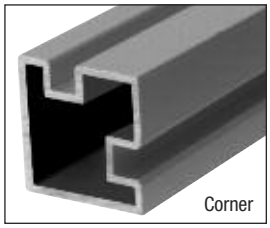
CAT. NO.	FINISH	STOCK LENGTH
D631A	Satin Anodized	12'-0" (3.66 m)
D631DU	Duranodic Bronze	12'-0" (3.66 m)
D631BA	Buffed Brite Anodized	12'-0" (3.66 m)

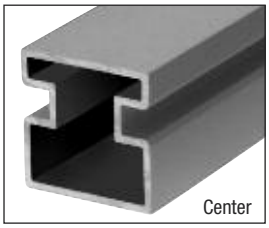
Minimum order: 1 stock length. All CRL Aluminum Extrusions can be combined for quantity pricing. Packing charge added to orders of less than 10 combined lengths. F.O.B. CRL Service Centers. Specify cutting instructions if stock lengths are to be shipped via U.P.S.

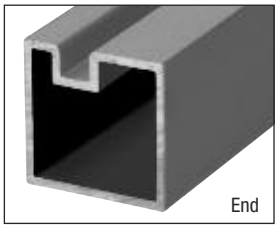
"Make Your Own" CRL Sculptured Series Aluminum Partition Posts

- **Select the Post Extrusions That Meet Your Needs From Stock Lengths of 72" (1.8 m) or 146" (3.7 mm)**
- **Outside Dimension of Posts is 1-5/16" x 1-5/16" (33 x 33 mm) With 9/32" (7 mm) Deep Recessed Pockets**
- **Three Post Configurations: 90 Degree Corners, Centers, and Ends**
- **Can Also Be Used to Fabricate Sculptured Series Sneeze Guards**

MORE INFORMATION crlaurence.com


Corner


Center


End

	DESCRIPTION	POST FINISHES SATIN ANODIZED CAT. NO.	DURANODIC BRONZE CAT. NO.	BUFFED BRITE ANODIZED CAT. NO.
Corner	72" (1.8 m) Corner Post Extrusion	6421000	6421010	6421020
	146" (3.7 m) Corner Post Extrusion#	6431000	6431010	6431020
Center	72" (1.8 m) Center Post Extrusion	6422000	6422010	6422020
	146" (3.7 m) Center Post Extrusion#	6432000	6432010	6432020
End	72" (1.8 m) End Post Extrusion	6423000	6423010	6423020
	146" (3.7 m) End Post Extrusion#	6433000	6433010	6433020
	146" (3.7 m) Mounting Base Extrusion#	6435000	——	——

Minimum order: 1 each. Post Extrusions can be combined for quantity pricing. #146" (3.7 m) Extrusions must ship common carrier, unless you specify we cut them for U.P.S. A Cutting Charge will apply. F.O.B. CRL Service Centers.

CRL Post Caps


Flat Style

CAT. NO. 6406000
Measures 1-5/16" (33 mm) Square; Adds 1/8" (3 mm) to Post Height

CAT. NO. 6406001
Measures 1-3/8" (35 mm) Square; Adds 1/4" (6 mm) to Post Height


Pyramid Style

Choice of black plastic Sculptured Post Caps snap into all three Post Extrusions. Minimum order is one each.

CRL Post Mounting Base

Post Mounting Bases are 1-1/8" (28.5 mm) square with ribbed sides. Use included screws for mounting into any surface, then complete installation by press-fitting post to conceal base. Minimum order is one each.



CAT. NO. 6406002

CRL 90 Degree Splicing Lug

For splicing Post Extrusion at a 90 degree angle to make a sneeze guard with a flat top shelf. Minimum order is one each.



CAT. NO. 6406003

CRL 135 Degree Splicing Lug

For splicing Post Extrusion at a 135 degree angle to make a sneeze guard with a slant top. Minimum order is one each.



CAT. NO. 6406004

- **Cut Post Extrusion to Length**



- **Attach Post Mounting Base to the Counter**



- **Slip Extrusion Over the Mounting Base**

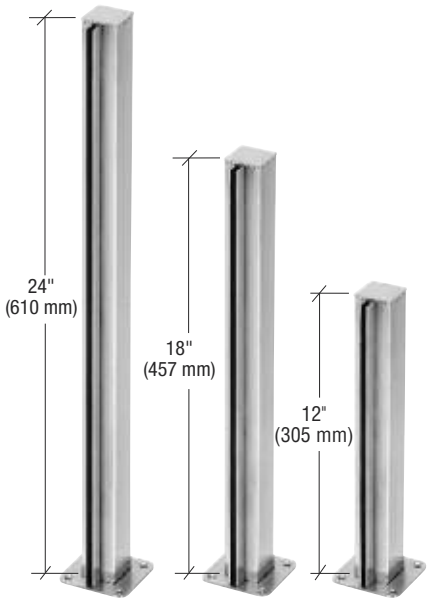


- **Snap in the Plastic Post Cap**



CRL Plaza Series Square Partition Posts

Model PP43

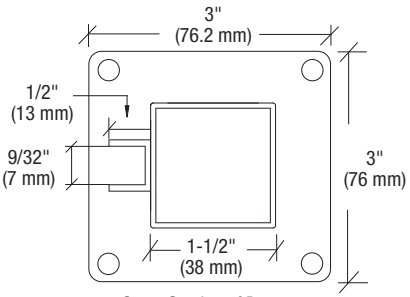


- 1-1/2" (38 mm) Square Stainless Steel Posts With Full Length Channels for 1/4" (6 mm) Thick Glass
- Standard Heights of 12", 18", and 24" (305, 457, and 610 mm) With Flat Cap and Welded Base Plate
- Five Standard Configurations – End, Center, Corner, 3-Way, and 4-Way
- Stock Post Sizes for Immediate Shipment

MORE INFORMATION crlaurence.com

Model PP43 Posts are available off the shelf in three stock sizes and two finishes. You can install them in wood, marble or vitreous counter tops using the Welded Flange Base and the supplied screws. Each Kit contains one Post, one Welded Flange Base, one Top Cap, and Installation Screws.

These Posts are stock sizes and are ready to ship to you. We can fabricate Custom Posts to ship from Los Angeles, California within three to five working days. Please go to **crlaurence.com/partition-posts** for more information on Plaza Series Custom Partition Posts. Also, for Do-it-Yourselfers we offer stock component parts ready to ship so you can fabricate complete units in your own shop.

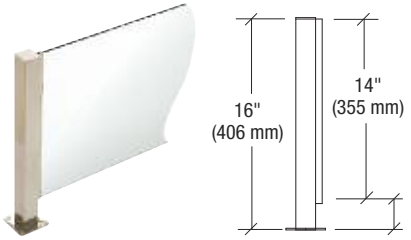


Cross Section of Post

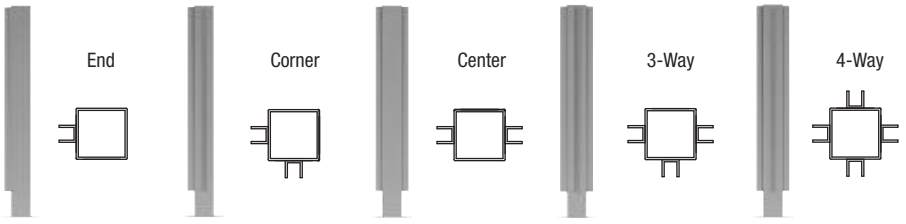
POST TYPE DESCRIPTION	POST HEIGHT	BRUSHED STAINLESS STEEL CAT. NO.	POLISHED STAINLESS STEEL CAT. NO.
End	12" (305 mm)	PP43EBS	PP43EPS
	18" (457 mm)	PP4318EBS	PP4318EPS
	24" (610 mm)	PP4324EBS	PP4324EPS
Corner	12" (305 mm)	PP43LBS	PP43LPS
	18" (457 mm)	PP4318LBS	PP4318LPS
	24" (610 mm)	PP4324LBS	PP4324LPS
Center	12" (305 mm)	PP43CBS	PP43CPS
	18" (457 mm)	PP4318CBS	PP4318CPS
	24" (610 mm)	PP4324CBS	PP4324CPS
3-Way	12" (305 mm)	PP43TBS	PP43TPS
	18" (457 mm)	PP4318TBS	PP4318TPS
	24" (610 mm)	PP4324TBS	PP4324TPS
4-Way	12" (305 mm)	PP43XBS	PP43XPS
	18" (457 mm)	PP4318XBS	PP4318XPS
	24" (610 mm)	PP4324XBS	PP4324XPS

Minimum order: 1 each. All Post Kits can be combined for quantity pricing. Post Kits include post, cap, mounting base, and screws.

Model PP41 With Air Space



- Posts Ready to Ship in Three to Five Days From Los Angeles
- 16" x 1-1/2" (406 x 38 mm) Square Posts With 1/4" (6 mm) Channel and 2" (51 mm) Air Space
- Supplied With Flat Cap and Welded Base Plate



FINISH	END CAT. NO.	CORNER CAT. NO.	CENTER CAT. NO.	3-WAY CAT. NO.	4-WAY CAT. NO.
Brushed Stainless	PP41EBS	PP41LBS	PP41CBS	PP41TBS	PP41XBS
Polished Stainless	PP41EPS	PP41LPS	PP41CPS	PP41TPS	PP41XPS

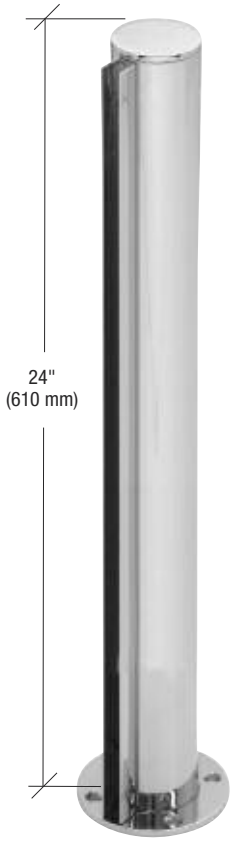
Minimum order: 1 each. Plaza Series Posts can also be custom made to your exact requirements. Go to **crlaurence.com/partition-posts**.

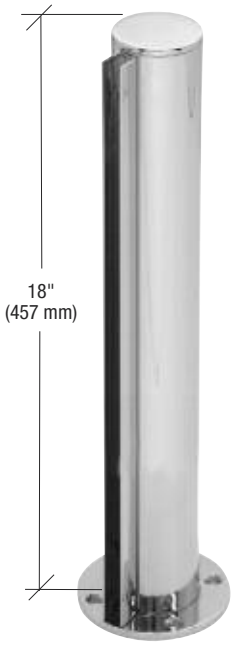
CRL Elegant Series Round Partition Posts
Model PP08

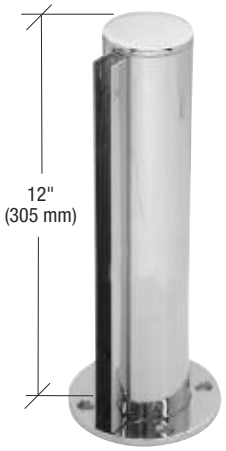
USE MONOLITHIC TEMPERED GLASS

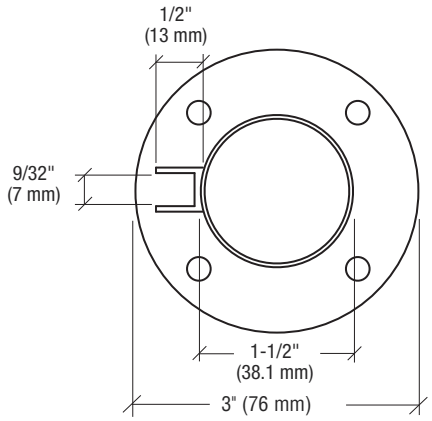
MORE INFORMATION crlaurence.com

- 1-1/2" (38 mm) Round Stainless Steel or Brass Posts With Full Length Channels for 1/4" (6 mm) Thick Glass
- Standard Heights of 12", 18", and 24" (305, 457, and 610 mm) With Flat Cap and Welded Base Plate
- Six Standard Configurations - End, Corner, Center, 3-Way, 4-Way, and 135 Degrees
- Stock Post Sizes for Immediate Shipment







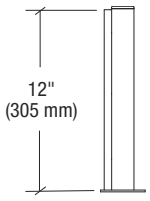


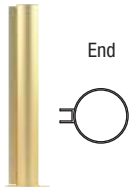
Cross Section of Post

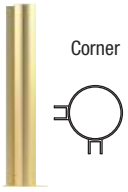
CRL Elegant Series Glass Partition and Divider Posts are constructed with 1-1/2" (38.1 mm) Stainless Steel or Brass Tubing. 1/4" (6 mm) thick glass can be attached to the full length U-Channels with Cat. No. 33SC Clear Silicone. Model PP08 Posts are available off the shelf in three stock sizes and two finishes. You can install them in wood, marble or vitreous counter tops using the Welded Base Plate and the supplied screws. Each Kit contains one Post, one Welded Base Plate, one Top Cap, U-Channel, and Installation Screws.

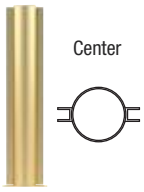
These Model PP08 Posts are stock sizes and ready to ship to you. If you require Custom Posts we can fabricate these to ship from Los Angeles, California within three to five working days. Also, for Do-it-Yourselfers we offer component parts ready to ship so you can fabricate complete units in your own shop. Go to **crlaurence.com/partition-posts** for more information.

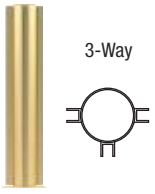


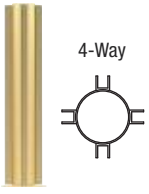














FINISH	END CAT. NO.	CORNER CAT. NO.	CENTER CAT. NO.	3-WAY CAT. NO.	4-WAY CAT. NO.	135 DEGREE CAT. NO.
Brushed Stainless 12" (305 mm)	PP08EBS	PP08LBS	PP08CBS	PP08TBS	PP08XBS	PP08ABS
Polished Stainless 12" (305 mm)	PP08EPS	PP08LPS	PP08CPS	PP08TPS	PP08XPS	PP08APS
Polished Brass 12" (305 mm)	PP08EPB	PP08LPB	PP08CPB	PP08TPB	PP08XPB	PP08APB
Brushed Stainless 18" (457 mm)	PP0818EBS	PP0818LBS	PP0818CBS	PP0818TBS	PP0818XBS	PP0818ABS
Polished Stainless 18" (457 mm)	PP0818EPS	PP0818LPS	PP0818CPS	PP0818TPS	PP0818XPS	PP0818APS
Brushed Stainless 24" (610 mm)	PP0824EBS	PP0824LBS	PP0824CBS	PP0824TBS	PP0824XBS	PP0824ABS
Polished Stainless 24" (610 mm)	PP0824EPS	PP0824LPS	PP0824CPS	PP0824TPS	PP0824XPS	PP0824APS

Minimum order: 1 each. All Post Kits can be combined for quantity pricing. Elegant Series Posts can also be custom made to your exact requirements. Go to **crlaurence.com/partition-posts**. Polished Brass only stocked in 12" (305 mm) size.

Our Large Stock of Parts and In-House Assembly Make Three to Five Day Shipping Possible for Our Most Popular Post Models and Finishes



• Stainless Steel or Brass Posts Ready to Install

By stocking large quantities of different Partition Post components, and matching them with pre-cut and fabricated tubing and channels, we can offer Custom "Quick Ship" Partition Posts in three to five days shipping from our Los Angeles, California warehouse. Our nearly 1 million square feet of manufacturing capacity is equipped with plenty of machinery, assembly fixtures, and craftspeople with the technical expertise to quickly fill your requirements.





A Selection of Our More Popular Partition Posts

CRL US ALUMINUM MANUFACTURED IN THE USA

On the following pages is a selection of some of our more popular Partition Posts. These are considered Custom "Quick Ship" Posts and have dedicated part numbers. Custom "Quick Ship" Posts can be ready to ship in three to five days from Los Angeles, California. Variations to these posts, such as changing Top Caps, Base styles, or the thickness of the Glass Attachment Channel, Clip or Clamp can still be accomplished in three to five days, but these Posts are considered custom and need to be ordered using our Custom Post Order Forms available at **crlaurence.com/partition-posts**.

For additional information, contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7760. You can also e-mail us through our web site at **crlaurence.com/support**.



QUICK-SHIP

USE MONOLITHIC TEMPERED GLASS



CRL Slimline Series Round Partition Posts



- Posts Ready to Ship in Three to Five Working Days From Los Angeles

QUICK-SHIP

MORE CHOICES
crlaurence.com

USE MONOLITHIC TEMPERED GLASS

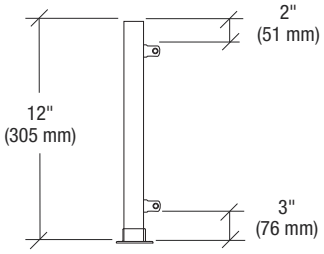
CRL US ALUMINUM MANUFACTURED IN THE USA

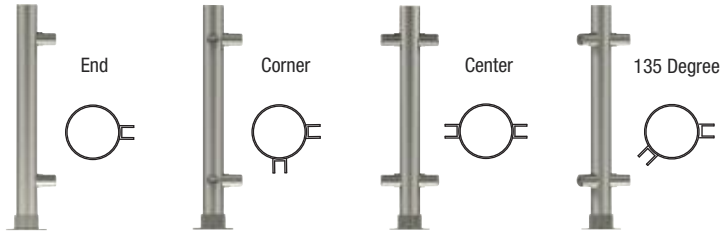


Model PP55 12" (305 mm) Posts With Air Space

- 12" x 1" (305 x 25 mm) Stainless Steel Straight Front Round Posts With End Load Standoff Fittings for 1/4" or 3/8" (6 or 10 mm) Thick Glass
- Supplied With Flat Cap and Full Flange Base







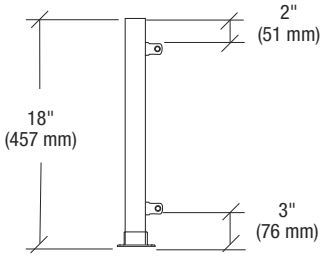
FINISH	END CAT. NO.	CORNER CAT. NO.	CENTER CAT. NO.	135 DEGREE CAT. NO.
Brushed Stainless	PP55EBS	PP55LBS	PP55CBS	PP55ABS
Black Powder Paint	PP55EBL	PP55LBL	PP55CBL	PP55ABL

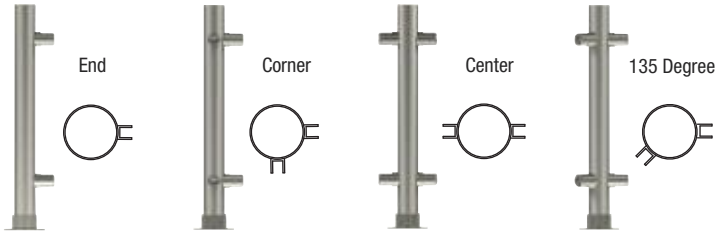
Minimum order: 1 each. All Post Kits can be combined for quantity pricing. Slimline Series Posts can also be custom made to your exact requirements. Go to **crlaurence.com/partition-posts** for more information.

Model PP56 18" (457 mm) Posts With Air Space

- 18" x 1" (457 x 25 mm) Stainless Steel Straight Front Round Posts With End Load Standoff Fittings for 1/4" or 3/8" (6 or 10 mm) Thick Glass
- Supplied With Flat Cap and Full Flange Base







FINISH	END CAT. NO.	CORNER CAT. NO.	CENTER CAT. NO.	135 DEGREE CAT. NO.
Brushed Stainless	PP56EBS	PP56LBS	PP56CBS	PP56ABS
Black Powder Paint	PP56EBL	PP56LBL	PP56CBL	PP56ABL

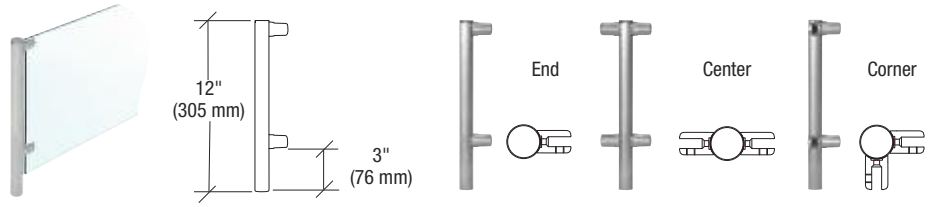
Minimum order: 1 each. All Post Kits can be combined for quantity pricing. Slimline Series Posts can also be custom made to your exact requirements. Go to **crlaurence.com/partition-posts** for more information.

CRL Slimline Series Round Partition Posts

MORE INFORMATION crlaurence.com

Model HB55 12" (305 mm) Posts With Concealed Base

- Posts Ready to Ship in Three to Five Days From Los Angeles
- 12" x 1" (305 x 25 mm) Stainless Steel Round Posts With SA50 Fittings for 1/4" or 3/8" (6 or 10 mm) Thick Glass
- Supplied With Flat Cap and Concealed Lug Base





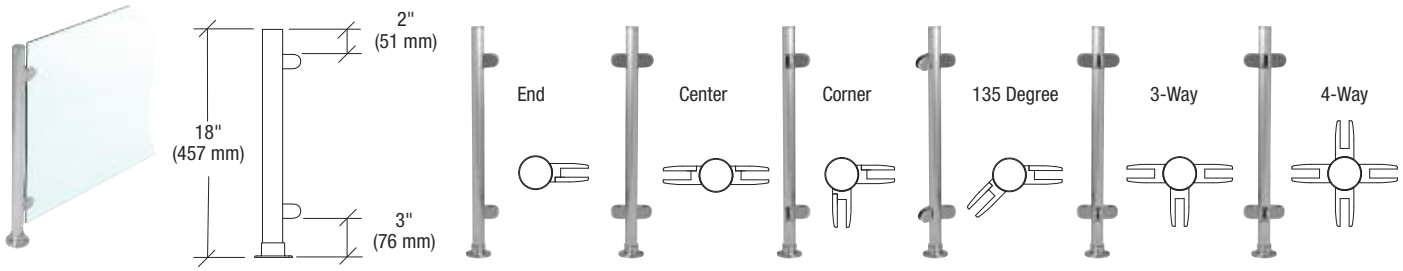
Includes Concealed Lug Base

FINISH	END CAT. NO.	CENTER CAT. NO.	CORNER CAT. NO.
Brushed Stainless	HB55EBS	HB55CBS	HB55LBS
Polished Stainless	HB55EPS	HB55CPS	HB55LPS

Minimum order: 1 each. All Post Kits can be combined for quantity pricing. Slimline Series Posts can also be made to your exact requirements. Go to crlaurence.com/partition-posts for more information. * Fasteners for Concealed Lug Base sold separately.

Model PP49 18" (457 mm) Posts With Mini Z-Clamps

- 18" x 1" (457 x 25.4 mm) Stainless Steel Round Posts With ZMR06 Mini Z-Clamps for 1/4" (6 mm) Thick Glass
- Supplied With Flat Cap and Full Flange Base

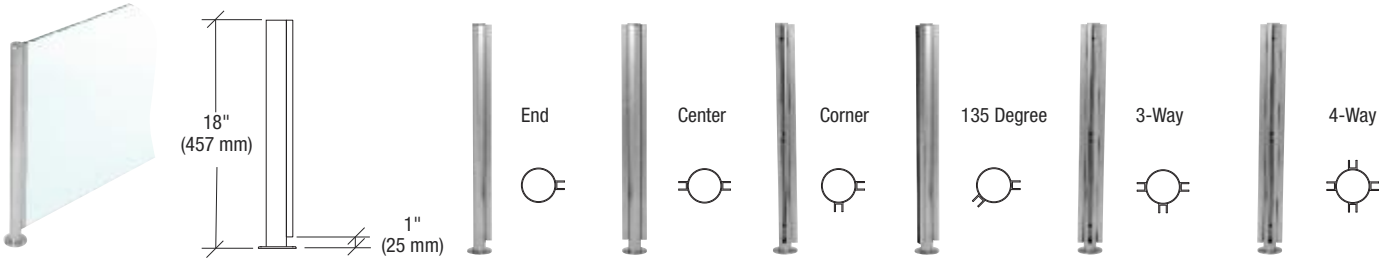


FINISH	END CAT. NO.	CENTER CAT. NO.	CORNER CAT. NO.	135 DEGREE CAT. NO.	3-WAY CAT. NO.	4-WAY CAT. NO.
Brushed Stainless	PP49EBS	PP49CBS	PP49LBS	PP49ABS	PP49TBS	PP49XBS
Polished Stainless	PP49EPS	PP49CPS	PP49LPS	PP49APS	PP49TPS	PP49XPS

Minimum order: 1 each. All Post Kits can be combined for quantity pricing. Slimline Series Posts can also be made to your exact requirements. Go to crlaurence.com/partition-posts for more information.

Model SBPP08 18" (457 mm) Posts With U-Channel

- 18" x 1" (457 x 25.4 mm) Stainless Steel Round Posts With U-Channel for 1/4" (6 mm) Thick Glass
- Supplied With Flat Cap and Welded Base Plate
- 1" (25.4 mm) Air Space at Bottom



FINISH	END CAT. NO.	CENTER CAT. NO.	CORNER CAT. NO.	135 DEGREE CAT. NO.	3-WAY CAT. NO.	4-WAY CAT. NO.
Brushed Stainless	SBPP08EBS	SBPP08CBS	SBPP08LBS	SBPP08ABS	SBPP08TBS	SBPP08XBS
Polished Stainless	SBPP08EPS	SBPP08CPS	SBPP08LPS	SBPP08APS	SBPP08TPS	SBPP08XPS

Minimum order: 1 each. All Post Kits can be combined for quantity pricing. Slimline Series Posts can also be custom made to your exact requirements. Go to crlaurence.com/partition-posts for more information.

CRL Contemporary Series Round Partition Posts

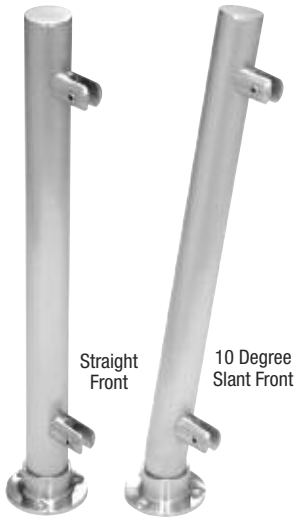


- Posts Ready to Ship in Three to Five Working Days From Los Angeles

USE MONOLITHIC TEMPERED GLASS

CRL US ALUMINUM MANUFACTURED IN THE USA

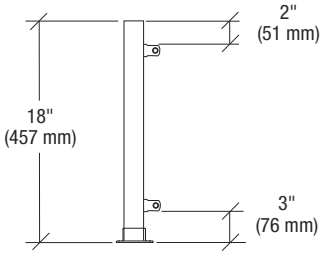
QUICK-SHIP

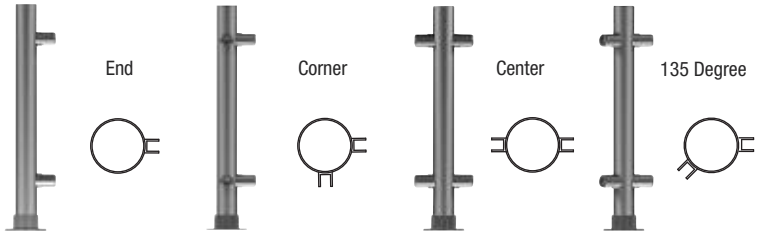


Model PP45 18" (452 mm) Posts With Standoff Fittings

- 18" x 1-1/2" (457 x 38 mm) Straight Front Round Posts With End Load Standoff Fittings for 1/4" or 3/8" (6 or 10 mm) Thick Glass
- Supplied With Flat Cap and Full Flange Base







FINISH	END CAT. NO.	CORNER CAT. NO.	CENTER CAT. NO.	135 DEGREE CAT. NO.
Polished Brass	PP45EPB	PP45LPB	PP45CPB	PP45APB
Brushed Stainless	PP45EBS	PP45LBS	PP45CBS	PP45ABS
Polished Stainless	PP45EPS	PP45LPS	PP45CPS	PP45APS

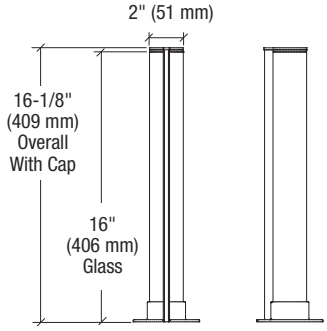
Minimum order: 1 each. All Post Kits can be combined for quantity pricing. Contemporary Series Posts can also be custom made to your exact requirements. Go to crlaurence.com/partition-posts for more information.

CRL Tight-Fit Series Round Partition Posts

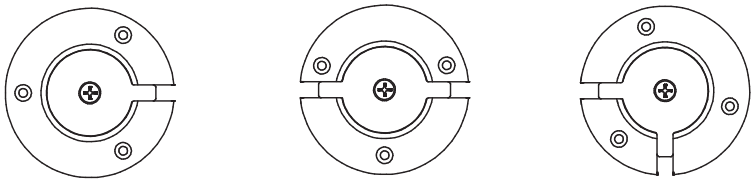
MORE CHOICES crlaurence.com



- Allow Glass to Sit Tight on Counter
- Notched Base Flange
- Top Cap Covers Channel
- Custom Posts Available



CRL's Tight-Fit Series Posts allow the glass to sit tight on the counter. They are designed with an attractive cap that conceals the top of the glazing channel.



FINISH	END CAT. NO.	CENTER CAT. NO.	CORNER CAT. NO.
Brushed Stainless	PPJ20EBS	PPJ20CBS	PPJ20LBS
Polished Stainless	PPJ20EPS	PPJ20CPS	PPJ20LPS

Minimum order: 1 each. All Post Kits can be combined for quantity pricing. Finishes may be combined for quantity pricing. Go to crlaurence.com/partition-posts for more information.

All of the Component Parts You Will Need to Fabricate Our Contemporary, Elegant, Plaza, and Slimline Series Partition Posts in Your Own Shop are Available Online at crlaurence.com/partition-posts

MORE INFORMATION
crlaurence.com





Select Component Parts



Cut List for Tubing and U-Channel



Cut Tubing and U-Channel



Mark Attachment Points



Attach Clamps or U-Channel



Glue Base to Tubing



Glue Cap to Tubing



Clean Post for Installation

Fabricating your own Partition Posts allows you to match existing jobsite conditions with no delay for delivery. By doing it yourself you eliminate the fabrication, clean up, and packaging charges incurred with pre-fabricated partition posts. Most shops have the equipment needed to fabricate their own posts. Simple planning, fabricating, and assembly time is all that is required. Our Technical Sales Department is always there to help should you need assistance in planning your jobs. Visit **crlaurence.com/partition-posts** for more information.

CRL Round Tubing for Partition Posts and Sneeze Guards

MORE INFORMATION crlaurence.com

- Ready to Fabricate in Three Architectural Finishes
- Choice of Standard or 98" (2.49 m) Lengths
- Custom Lengths are Also Available
- Requires End Caps for Post Tops (Not Included)

CRL Round Tubing is formed using precision tooling to maintain uniform diameters, allowing for smooth hairline transitions at bases and top caps. Use our Cat. No. 32629 Metal Contact Cement (see page SF063) to achieve a secure and permanent bond at all connections.



1" (25.4 mm) Diameter | 1-1/2" (38.1 mm) Diameter | 2" (50.8 mm) Diameter

CAT. NO.	LENGTH	DIAMETER	FINISH	THICKNESS	CAT. NO.	LENGTH
HR10BS	236" (6.0 m)	1" (25.4 mm)	Brushed Stainless	.050" (1.27 mm)	HR10BS98	98" (2.49 m)
HR10PS	236" (6.0 m)	1" (25.4 mm)	Polished Stainless	.050" (1.27 mm)	HR10PS98	98" (2.49 m)
HR10PB	216" (5.48 m)	1" (25.4 mm)	Polished Brass	.050" (1.27 mm)	HR10PB98	98" (2.49 m)
HR15BS	236" (6.0 m)	1-1/2" (38.1 mm)	Brushed Stainless	.050" (1.27 mm)	HR15BS98	98" (2.49 m)
HR15PS	236" (6.0 m)	1-1/2" (38.1 mm)	Polished Stainless	.050" (1.27 mm)	HR15PS98	98" (2.49 m)
HR15PB	216" (5.48 m)	1-1/2" (38.1 mm)	Polished Brass	.050" (1.27 mm)	HR15PB98	98" (2.49 m)
HR20BS	236" (6.0 m)	2" (50.8 mm)	Brushed Stainless	.050" (1.27 mm)	HR20BS98	98" (2.49 m)
HR20PS	236" (6.0 m)	2" (50.8 mm)	Polished Stainless	.050" (1.27 mm)	HR20PS98	98" (2.49 m)
HR20PB	216" (5.48 m)	2" (50.8 mm)	Polished Brass	.050" (1.27 mm)	HR20PB98	98" (2.49 m)

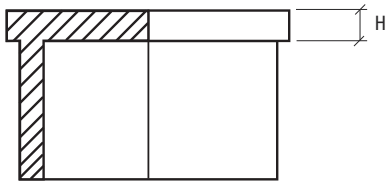
Minimum order: 1 each. All Post Tubing can be combined for quantity pricing. Must ship common carrier if over 98" (2.49 m) length.

CRL Flat End Caps for Post Tops

- Three Sizes to Match Our Round Tubing
- Brushed Stainless, Polished Stainless, and Polished Brass Finishes

MORE CHOICES crlaurence.com

CRL Flat End Caps slip into the top of the post tubing and provide a flat finished profile. Use our Cat. No. 32629 Metal Contact Cement (see page SF063) to fasten cap to tubing.





CAT. NO.	FOR TUBE DIAMETER	FINISH	"H" HEIGHT
HR10FBS	1" (25.4 mm)	Brushed Stainless	5/64" (2 mm)
HR10FPS	1" (25.4 mm)	Polished Stainless	5/64" (2 mm)
HR10FPB	1" (25.4 mm)	Polished Brass	5/64" (2 mm)
HR15FBS	1-1/2" (38.1 mm)	Brushed Stainless	1/8" (3.2 mm)
HR15FPS	1-1/2" (38.1 mm)	Polished Stainless	1/8" (3.2 mm)
HR15FPB	1-1/2" (38.1 mm)	Polished Brass	1/8" (3.2 mm)
HR20FBS	2" (50.8 mm)	Brushed Stainless	1/8" (3.2 mm)
HR20FPS	2" (50.8 mm)	Polished Stainless	1/8" (3.2 mm)
HR20FPB	2" (50.8 mm)	Polished Brass	1/8" (3.2 mm)

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.

Fits Flush to Top of Post



CRL Square Tubing for Partition Posts and Sneeze Guards

MORE INFORMATION crlaurence.com

- Ready to Fabricate
- Two Architectural Stainless Finishes
- Custom Lengths and Painted Finishes Available
- Requires End Caps for Post Tops (Not Included)

All CRL Square Tubing is formed using precision tooling to maintain uniform dimensions, allowing for smooth hairline transitions at bases and top caps. Use our Cat. No. 32629 Metal Contact Cement (see page SF063) to achieve a secure and permanent bond at all connections.



1-1/2" (38.1 mm) Square

CAT. NO.	LENGTH	DIMENSIONS	FINISH	THICKNESS	CAT. NO.	LENGTH
HRS15BS	236" (6.0 m)	1-1/2" x 1-1/2" (38.1 x 38.1 mm)	Brushed Stainless	.050" (1.27 mm)	HRS15BS98	98" (2.49 m)
HRS15PS	236" (6.0 m)	1-1/2" x 1-1/2" (38.1 x 38.1 mm)	Polished Stainless	.050" (1.27 mm)	HRS15PS98	98" (2.49 m)

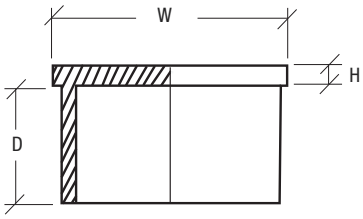
Minimum order: 1 each. All Post Tubing can be combined for quantity pricing. Must ship common carrier if over 98" (2.49 m) in length.

CRL Flat Square End Caps for Post Tops

- Install Easily in Seconds
- Two Architectural Stainless Finishes

CRL Flat Square End Caps give the modern look to Partition Posts and Sneeze Guards. They are available in two architectural finishes to match our 1-1/2" (38.1 mm) Square Tubing. Use our Cat. No. 32629 Metal Contact Cement (see page SF063) to bond cap to tubing.







CAT. NO.	FINISH	"D" DEPTH	"W" WIDTH	"H" HEIGHT
SA10BS	Brushed Stainless	3/4" (19 mm)	1-1/2" (38.1 mm)	1/8" (3.2 mm)
SA10PS	Polished Stainless	3/4" (19 mm)	1-1/2" (38.1 mm)	1/8" (3.2 mm)

Minimum order: 1 each. Finishes can be combined for quantity pricing.

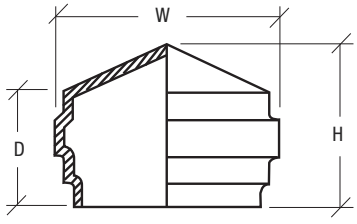
CRL Pyramid End Caps

- A Stylish Alternative for Square Partition Posts
- Brushed and Polished Stainless Finishes
- Simple and Ready to Install

CRL Pyramid End Caps give a stylish flair to Partition Posts and Sneeze Guards. They are available in two architectural finishes to match our 1-1/2" (38.1 mm) Square Tubing. Use our Cat. No. 32629 Metal Contact Cement (see page SF063) to bond cap to tubing.









CAT. NO.	FINISH	"D" DEPTH	"W" WIDTH	"H" HEIGHT
SA11BS	Brushed Stainless	1" (25.4 mm)	2-1/8" (54 mm)	1-1/2" (38.1 mm)
SA11PS	Polished Stainless	1" (25.4 mm)	2-1/8" (54 mm)	1-1/2" (38.1 mm)

Minimum order: 1 each. Finishes can be combined for quantity pricing.

CRL Concealed Post Mounting Lugs

MORE INFORMATION crlaurence.com

- Attaches to Counter With All Thread or Hanger Bolt
- Secures to Tubing With Metal Contact Cement

CRL Concealed Post Mounting Lugs easily slip into our Partition Post and Sneeze Guard Tubing. The Lugs are attached to the counter using 5/16"-18 All Thread or Hanger Bolts (sold separately - see page GG058). Use our Cat. No. 32629 Metal Contact Cement (see page SF063) to achieve a secure and permanent bond.

LUG FOR 1" (25.4 MM) ROUND TUBING

CAT. NO.	FINISH	"L" LENGTH	"D" DIAMETER
HR10CBM	Mill Aluminum	2" (50.8 mm)	7/8" (22.3 mm)

Minimum order: 1 each.

LUG FOR 1-1/2" (38.1 MM) ROUND TUBING

CAT. NO.	FINISH	"L" LENGTH	"D" DIAMETER
HR15CBM	Mill Aluminum	3" (76.2 mm)	1-3/8" (35 mm)

Minimum order: 1 each.

LUG FOR 2" (50.8 MM) ROUND TUBING

CAT. NO.	FINISH	"L" LENGTH	"D" DIAMETER
HR20CBM	Mill Aluminum	3" (76.2 mm)	1-7/8" (47.7 mm)

Minimum order: 1 each.

SQUARE LUG FOR 1-1/2" (38.1 MM) SQUARE TUBING

CAT. NO.	FINISH	"L" LENGTH
HR15SCBM	Mill Aluminum	2-1/2" (63.5 mm)

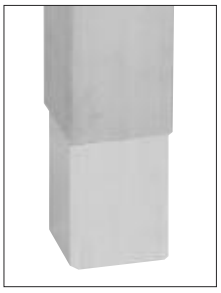
Minimum order: 1 each.





Round Tubing slips over Round Lug



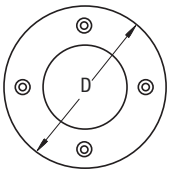


Square Tubing slips over Square Mounting Lug

CRL Round Base Plates

- Sizes for Our 1-1/2" and 2" (38.1 and 50.8 mm) Round Tubing
- Ready to be Welded or Brazed to the Tubing







CRL Round Base Plates for welding or brazing to Partition Post and Sneeze Guard Tubing are available in three architectural finishes. Made for use with our 1-1/2" and 2" (38.1 and 50.8 mm) Round Tubing, these Base Plates provide great strength and allow the bottom edge of the glass to be 1/8" (3 mm) above the counter surface. Mounting screws are included.

ROUND BASE PLATES FOR 1-1/2" (38.1 MM) ROUND TUBING

CAT. NO.	FINISH	"D" DIMENSION
SA25BS	Brushed Stainless	3" (76.2 mm)
SA25PS	Polished Stainless	3" (76.2 mm)
SA25PB	Polished Brass	3" (76.2 mm)

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.

ROUND BASE PLATES FOR 2" (50.8 MM) ROUND TUBING

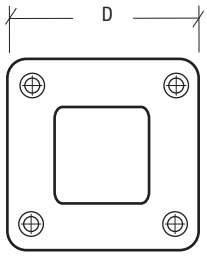
CAT. NO.	FINISH	"D" DIMENSION
SA28BS	Brushed Stainless	3-1/2" (88.9 mm)
SA28PS	Polished Stainless	3-1/2" (88.9 mm)
SA28PB	Polished Brass	3-1/2" (88.9 mm)

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.

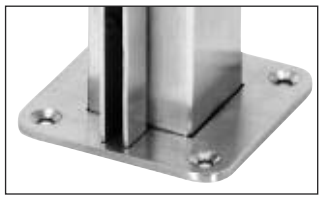
CRL Square Base Plates

- Ready to be Welded to the Tubing
- Two Architectural Finishes

MORE CHOICES crlaurence.com





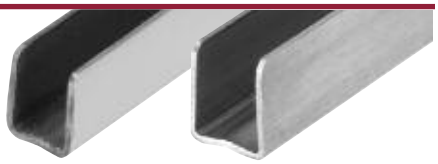


CRL Square Base Plates fit 1-1/2" (38.1 mm) Square Partition Posts and Sneeze Guard Tubing, and are available in two architectural finishes. Plates provide great strength and allow the bottom edge of the glass to be 1/8" (3.2 mm) above the counter surface.

CAT. NO.	FINISH	"D" DIMENSION
SA30BS	Brushed Stainless	3" (76.2 mm)
SA30PS	Polished Stainless	3" (76.2 mm)

Minimum order: 1 each. Finishes can be combined for quantity pricing.

CRL Radiused Back Stainless Steel U-Channel



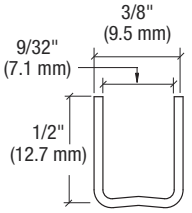
- Radiused Back Fits 1-1/2" or 2" (38.1 or 50.8 mm) Round or Square Tubing
- Easily Secures to the Tubing With Screws
- Available for 1/4" and 3/8" (6 and 10 mm) Thick Glass

MORE CHOICES crlaurence.com

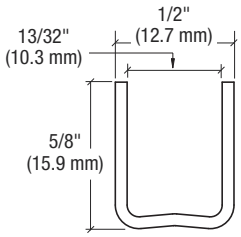
CRL Radiused Back Stainless Steel U-Channel is used to secure glass panels to Round or Square Tubing in Partition Post and Sneeze Guard installations. They are easily attached to the Tubing with screws (not included). On posts with an air space, be sure to use Glass Stops (see below).

CAT. NO.	GLASS THICKNESS	FINISH	STOCK LENGTH
SAC14BS	1/4" (6 mm)	Brushed Stainless	144" (3.66 m)
SAC38BS	3/8" (10 mm)	Brushed Stainless	144" (3.66 m)
SAC14PS	1/4" (6 mm)	Polished Stainless	144" (3.66 m)
SAC38PS	3/8" (10 mm)	Polished Stainless	144" (3.66 m)
SAC14BS98	1/4" (6 mm)	Brushed Stainless	98" (2.49 m)
SAC38BS98	3/8" (10 mm)	Brushed Stainless	98" (2.49 m)
SAC14PS98	1/4" (6 mm)	Polished Stainless	98" (2.49 m)
SAC38PS98	3/8" (10 mm)	Polished Stainless	98" (2.49 m)

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than five lengths. 144" (3.66 m) lengths must ship common carrier.



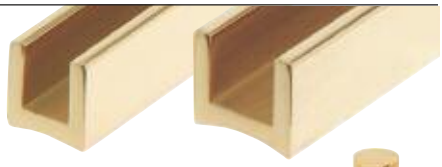
For 1/4" (6 mm) Glass



For 3/8" (10 mm) Glass



CRL Radiused Back Brass U-Channel

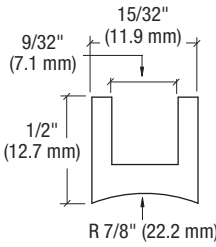


- Radiused Back Fits 1-1/2" or 2" (38.1 or 50.8 mm) Round Tubing
- Easily Secures to the Tubing With Screws
- Available for 1/4" and 3/8" (6 and 10 mm) Thick Glass

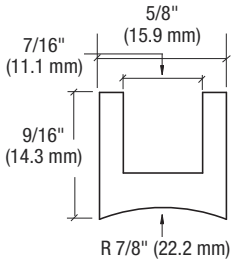
CRL Radiused Back Brass U-Channel is used to secure glass panels to the Round Tubing in Partition Post and Sneeze Guard installations. They are easily attached to the Tubing with screws (not included). On posts with an air space, be sure to use Glass Stops (see below).

CAT. NO.	GLASS THICKNESS	FINISH	STOCK LENGTH
SAC14BR	1/4" (6 mm)	Polished Brass	144" (3.66 m)
SAC38BR	3/8" (10 mm)	Polished Brass	144" (3.66 m)
SAC14BR98	1/4" (6 mm)	Polished Brass	98" (2.49 m)
SAC38BR98	3/8" (10 mm)	Polished Brass	98" (2.49 m)

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than five lengths. 144" (3.66 m) lengths must ship common carrier.



For 1/4" (6 mm) Glass



For 3/8" (10 mm) Glass



CRL Glass Stops

- Polished Brass, Brushed and Polished Stainless Finishes Available for 1/4" and 3/8" (6 and 10 mm) Glass U-Channels
- Supports Glass on Posts With an Air Space

POLISHED BRASS CAT. NO.	BRUSHED STAINLESS CAT. NO.	POLISHED STAINLESS CAT. NO.	GLASS THICKNESS
SA14BR	SA14BS	SA14PS	1/4" (6 mm)
SA38BR	SA38BS	SA38PS	3/8" (10 mm)

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.

CRL Glass Stops are used to support the glass on posts that have an air space. They are easily secured with the 3/4" (19 mm) thread cutting screw that is supplied with the Glass Stop. A cushion should be provided between the glass edge and the Glass Stop. This can easily be accomplished with a piece of clear or electrical tape.

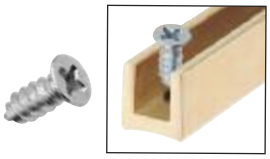


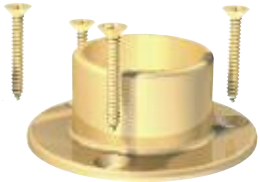
CRL Flat Head Phillips Securing Screws

- Choice of Screw Head Sizes, Lengths, and Finishes

CAT. NO.	HEAD	LENGTH	FINISH	SOLD BY
AV1479	#6	7/16" (11.1 mm)	Zinc Plated	*Box of 100
10X112FHPBS	#10	1-1/2" (38.1 mm)	Brushed Stainless	**Each
10X112FHPPS	#10	1-1/2" (38.1 mm)	Polished Stainless	**Each
10X112FHPPB	#10	1-1/2" (38.1 mm)	Brass Plated	**Each

* Minimum order: 1 box. ** Minimum order: 100 each.


CAT. NO. AV1479
For U-Channel


CAT. NO. 10X112FHP
For Bases

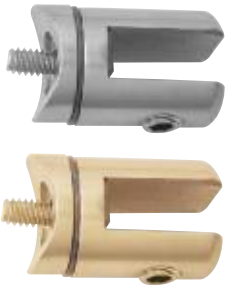
CRL Swivel Hinge Glass Fittings

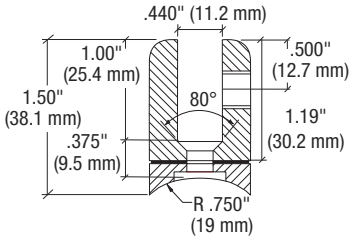
- **Radius Mounting Base for 1-1/2" (38.1 mm) Diameter Round Tubing**
- **1/4" and 3/8" (6 and 10 mm) Thick Glass is Secured With a Vinyl Gasket and a Nylon Tipped Set Screw**

CRL Swivel Hinge Glass Fittings allow the glass panel to be swiveled up for access when attached to our Round Tubing and the glass. Fitting is for 1-1/2" (38.1 mm) Tubing and supplied with a 1/4"-20 Flat Head Screw.

CAT. NO.	FINISH
SA61BS	Brushed Stainless
SA61PS	Polished Stainless
SA61PB	Polished Brass
SA60K1T	Replacement Gasket and Set Screw

Minimum order: 1 each. Finishes can be combined for quantity pricing.







Swivel Hinge Glass Fittings



NOTE: Will not fit properly if installed on 2" (50.8 mm) diameter Round Tubing.

CRL Glass Stop Fittings

- **For 1-1/2" (38.1 mm) Diameter Round Tubing**
- **1/4" and 3/8" (6 and 10 mm) Thick Glass is Secured With a Vinyl Gasket and a Nylon Tipped Set Screw**

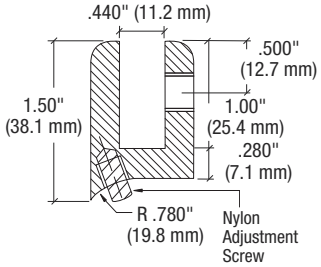
CRL Glass Stop Fittings mount to the glass panel to provide a cushioned and adjustable stop when it is placed in the closed position on Slant Front Sneeze Guards.

CAT. NO.	FINISH
SA62BS	Brushed Stainless
SA62PS	Polished Stainless
SA62PB	Polished Brass
SA60K1T	Replacement Gasket and Set Screw

Minimum order: 1 each. Finishes can be combined for quantity pricing.

MORE INFORMATION crlaurence.com







Glass Stop Fittings



NOTE: Will not fit properly if installed on 2" (50.8 mm) diameter Round Tubing.

CRL Fixed Glass Fittings

- **Radius Mounting Base for 1" (25.4 mm) and 1-1/2" (38.1 mm) Diameter Round Tubing**

CRL Fixed Glass Fittings offer an easy yet attractive way to secure glass panels to Partition Posts and Sneeze Guards. After mounting to the Tubing the glass panel is simply secured in place with a clear vinyl gasket and a nylon tipped set screw. Works with both 1/4" and 3/8" (6 and 10 mm) thick glass. Can be used on 1" or 1-1/2" (25.4 or 38.1 mm) Tubing. Fitting for 1" (25.4 mm) Tubing comes with a 10-24 Flat Head Screw; Fitting for 1-1/2" (38.1 mm) Tubing comes with a 1/4"-20 Flat Head Screw. Matching size Rivet-Nuts are shown on page SF095.

CAT. NO.	FITS TUBING DIAMETER	FINISH
SA50BS	1" (25.4 mm)	Brushed Stainless
SA60BS	1-1/2" (38.1 mm)	Brushed Stainless
SA60PS	1-1/2" (38.1 mm)	Polished Stainless
SA60PB	1-1/2" (38.1 mm)	Polished Brass
SA60K1T		Replacement Gasket and Set Screw for SA50 and SA60

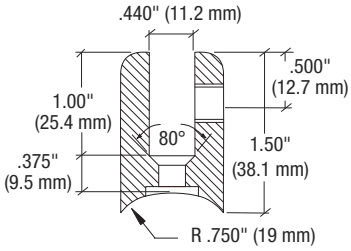
Minimum order: 1 each. Finishes can be combined for quantity pricing.



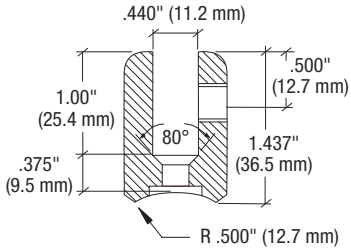




NOTE: Will not fit properly if installed on 2" (50.8 mm) diameter Round Tubing.



SA60 for 1-1/2" (38.1 mm) Tube



SA50 for 1" (25.4 mm) Tube



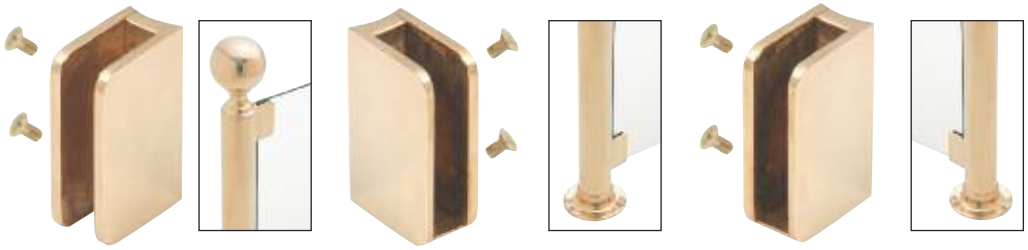
CRL Glass Clips

- Radius Mounting Base for Use on Round Posts
- Sizes to Hold 1/4" or 3/8" (6 or 10 mm) Thick Glass
- Supplied With Clear Gaskets and Self-Tapping Mounting Screws

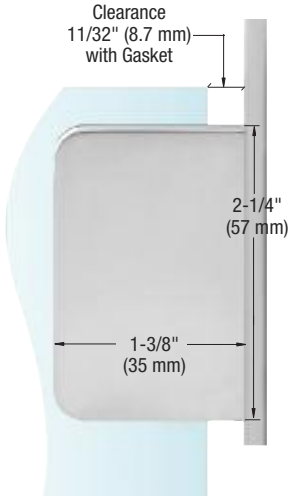
USE MONOLITHIC TEMPERED GLASS

MORE INFORMATION crlaurence.com

CRL Glass Clips are used on Partition Posts and Sneeze Guards to support the glass. The radius base secures to 1-1/2" and 2" (38.1 and 50.8 mm) Round Tubing. A side plate secured with two screws can easily be removed to allow the placement of the glass. Clear gaskets are supplied to act as a cushion between the glass and the clips. Each clip is supplied with mounting screws.



Top (All Open) | **Closed Bottom** (Left Hand) | **Closed Bottom** (Right Hand)



For additional Glass Clamps
See pages GG069-GG077.

TYPE OF GLASS CLIP	GLASS THICKNESS	POLISHED BRASS CAT. NO.	BRUSHED STAINLESS CAT. NO.	POLISHED STAINLESS CAT. NO.	REPLACEMENT GASKETS
Top (All Open)	1/4" (6 mm)	SA94BR	SA94BS	SA94PS	RG94
Top (All Open)	3/8" (10 mm)	SA87BR	SA87BS	SA87PS	RG87
Closed Bottom (Left Hand)	1/4" (6 mm)	SA96BR	SA96BS	SA96PS	RG9596
Closed Bottom (Left Hand)	3/8" (10 mm)	SA93BR	SA93BS	SA93PS	RG9293
Closed Bottom (Right Hand)	1/4" (6 mm)	SA95BR	SA95BS	SA95PS	RG9596
Closed Bottom (Right Hand)	3/8" (10 mm)	SA92BR	SA92BS	SA92PS	RG9293

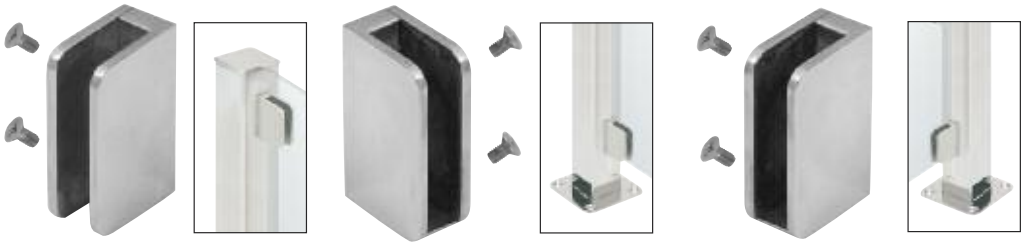
Minimum order: 1 each. All Glass Clips can be combined for quantity pricing. Replacement Gaskets sold by the pack. Each pack contains clear gaskets for one Glass Clip.

CRL Glass Clips

- Flat Mounting Base for Use on Square Posts
- Sizes for 1/4" or 3/8" (6 or 10 mm) Thick Glass
- Supplied With Clear Gaskets and Mounting Screws

USE MONOLITHIC TEMPERED GLASS

CRL Glass Clips are used on Partition Posts and Sneeze Guards to support the glass. The flat base secures to our 1-1/2" (38.1 mm) Square Tubing. A side plate secured with two screws can easily be removed to allow placement of the glass. Clear gaskets are supplied to act as a cushion between the glass and the clips. Each clip is supplied with mounting screws.



Top (All Open) | **Closed Bottom** (Left Hand) | **Closed Bottom** (Right Hand)



For additional Glass Clamps
See pages GG069-GG077.

TYPE OF GLASS CLIP	GLASS THICKNESS	POLISHED BRASS CAT. NO.	BRUSHED STAINLESS CAT. NO.	POLISHED STAINLESS CAT. NO.	REPLACEMENT GASKETS
Top (All Open)	1/4" (6 mm)	SA94FBR	SA94FBS	SA94FPS	RG94
Top (All Open)	3/8" (10 mm)	SA87FBR	SA87FBS	SA87FPS	RG87
Closed Bottom (Left Hand)	1/4" (6 mm)	SA96FBR	SA96FBS	SA96FPS	RG9596
Closed Bottom (Left Hand)	3/8" (10 mm)	SA93FBR	SA93FBS	SA93FPS	RG9293
Closed Bottom (Right Hand)	1/4" (6 mm)	SA95FBR	SA95FBS	SA95FPS	RG9596
Closed Bottom (Right Hand)	3/8" (10 mm)	SA92FBR	SA92FBS	SA92FPS	RG9293

Minimum order: 1 each. All Glass Clips can be combined for quantity pricing. Replacement Gaskets sold by the pack. Each pack contains clear gaskets for one Glass Clip.

CRL Stock, "Quick Ship", and Custom Sneeze Guards

- Stock Sneeze Guards Ready to Ship
- "Quick Ship" Sneeze Guards Ship Within Three to Five Working Days
- "Build Your Own Sneeze Guards" Using Stock Components Ready to Ship
- Send CRL Your Designs and Plans for Custom Sneeze Guards
- Technical Sales Staff Willing to Assist You With Design Ideas
  Visit crlaurence.com/sneeze-guards

CRL US ALUMINUM MANUFACTURED IN THE USA

QUICK-SHIP

MORE INFORMATION crlaurence.com

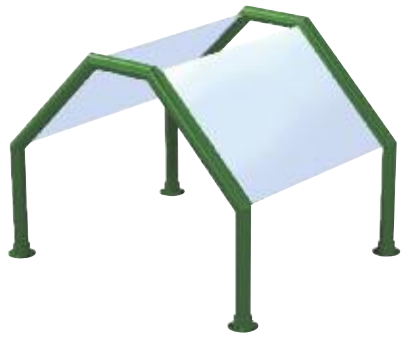


We are constantly looking at ways we can do things better, and are always striving to keep our customers satisfied. That is why CRL Service Centers are unmatched when it comes to customer service.

When Hospitality Sneeze Guards or Food Shields are required on a project, who better to turn to than CRL for all your "On-Time" delivered merchandise? Most of our Sneeze Guards are made from our vast selection of stock component parts allowing for "Quick Ship" on complete units within three to five working days. However, with 1 million square feet of manufacturing capacity and trained technicians, CRL can fabricate any Custom Sneeze Guard System you design within seven to ten working days, ready to ship from Los Angeles, California.

CRL has a fully dedicated Technical Sales Staff willing to assist you with design ideas, price quotations, and ordering. CRL Technical Sales is available at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. Ask for Ext. 7760.

MORE CHOICES crlaurence.com













CRL Elegant Series Sneeze Guards

- 2" (51 mm) Diameter Tubing
- Fixed Glass On Slant Only
- For 1/4" (6 mm) Thick Glass

USE MONOLITHIC TEMPERED GLASS



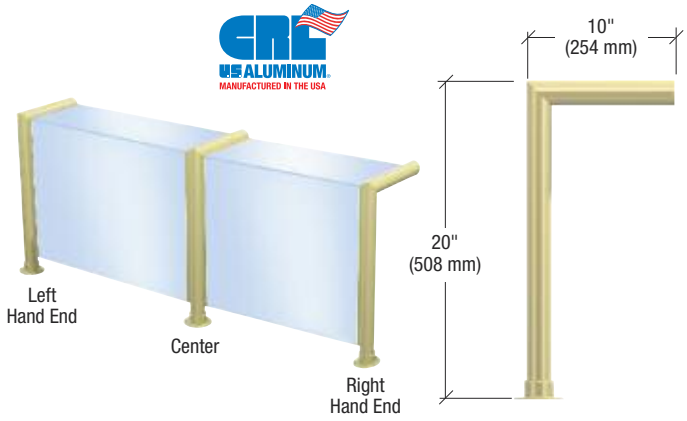
POLISHED BRASS* CAT. NO.	POLISHED STAINLESS CAT. NO.	BRUSHED STAINLESS CAT. NO.	TYPE
SG800PB	SG800PS	SG800BS	Left Hand End
SG850PB	SG850PS	SG850BS	Center
SG825PB	SG825PS	SG825BS	Right Hand End

Minimum order: 1 each. *Polished Brass Sneeze Guards are available in three to five days F.O.B. Los Angeles, CA. All Sneeze Guards can be combined for quantity pricing. **NOTE:** Tempered Glass not included.

CRL Elegant Series Sneeze Guards

- 2" (51 mm) Diameter Tubing
- Glass On Front and Shelf
- For 1/4" (6 mm) Thick Glass

USE MONOLITHIC TEMPERED GLASS



POLISHED BRASS* CAT. NO.	POLISHED STAINLESS CAT. NO.	BRUSHED STAINLESS CAT. NO.	TYPE
SG900PB	SG900PS	SG900BS	Left Hand End
SG950PB	SG950PS	SG950BS	Center
SG925PB	SG925PS	SG925BS	Right Hand End

Minimum order: 1 each. *Polished Brass Sneeze Guards are available in three to five days F.O.B. Los Angeles, CA. All Sneeze Guards can be combined for quantity pricing. **NOTE:** Tempered Glass not included.

CRL Slimline Style 10 Sneeze Guards

- 1" (25 mm) Diameter Tubing
- Fixed Glass On Slant Only
- For 1/4" or 3/8" (6 or 10 mm) Thick Glass

USE MONOLITHIC TEMPERED GLASS



BRUSHED STAINLESS CAT. NO.	BLACK POWDER PAINT CAT. NO.	TYPE
SGS10LEBS	SGS10LEBL	Left Hand End
SGS10CBS	SGS10CBL	Center
SGS10REBS	SGS10REBL	Right Hand End

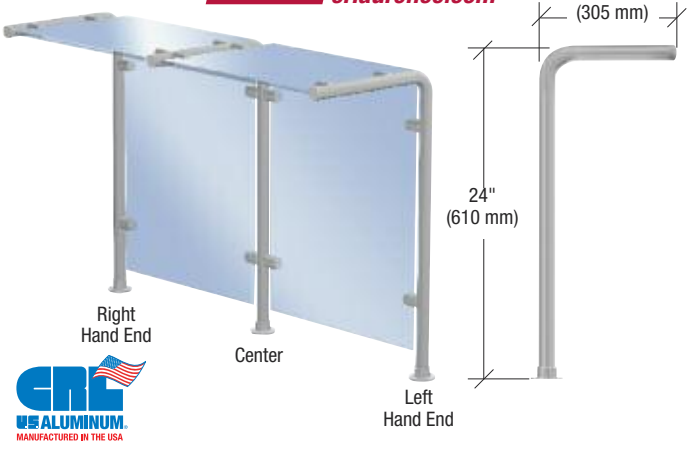
Minimum order: 1 each. Closed End models are available on special order. **NOTE:** Tempered Glass not included.

CRL Slimline Style 30 Sneeze Guards

- 1" (25 mm) Diameter Tubing
- For 1/4" or 3/8" (6 or 10 mm) Thick Glass

USE MONOLITHIC TEMPERED GLASS

MORE CHOICES crlaurence.com



BRUSHED STAINLESS CAT. NO.	BLACK POWDER PAINT CAT. NO.	TYPE
SGS30LEBS	SGS30LEBL	Left Hand End
SGS30CBS	SGS30CBL	Center
SGS30REBS	SGS30REBL	Right Hand End

Minimum order: 1 each. Closed End models are available on special order. **NOTE:** Tempered Glass not included.

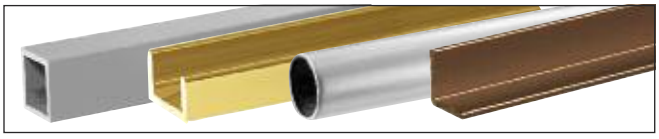
CRL Extrusions and Profiles

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The Shapes, Materials, and Finishes You Need, When You Need Them



Selection



Through years of working with the industries, C.R. Laurence Company has developed an extensive line of Extrusions and Profiles that enables professionals to create projects with no limitations of design. Whether you are working with glass, mirror, plastics or other materials, you will find the selection is made of the highest quality materials, in the most commonly used shapes, along with hundreds of special application configurations.

Our material choices of aluminum, stainless steel, brass, and plastic will allow you to use the most appropriate parts in assembling your jobs. Our large selection of finishes makes it easier than ever to accent the applications in either new or existing environments. And if you need something special, custom shapes and finishes can be quoted upon request.

Service



Ordering online at **crlaurence.com**, by toll free phone, toll free fax, or visiting one of our 40 service center locations is easier than ever. We take a business-to-business approach to every transaction. We are always pleased to receive your orders, and promise to fill them as promptly as possible.

C.R. Laurence's Customer Services are offered in a variety of forms. The CRL Technical Sales Department offers Product Specialist Groups who are trained in the latest product systems and are ready to answer all of your product questions.

Most important is knowing that you can depend on CRL to have the inventory of products you need when you need them. We've invested in huge supplies of Extrusions and Profiles to be ready to serve you.

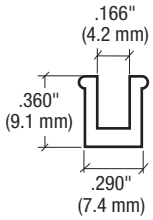
TOLL Phone: (800) 421-6144
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From Anywhere in the U.S. or Canada

CRL US ALUMINUM

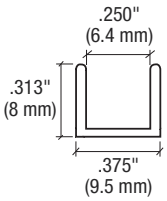
CRL METAL EXTRUSIONS AND PROFILES

go to:
crlaurence.com/extrusions

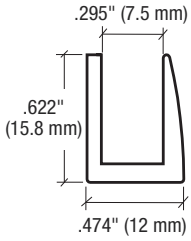
Pages GG204 to GG216 contain just some of CRL's extensive array of metal extrusions and profiles. For a full selection please go to crlaurence.com/extrusions.



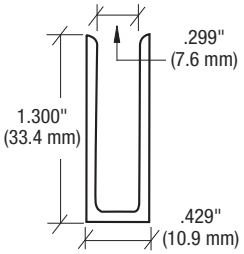
D3031 SERIES
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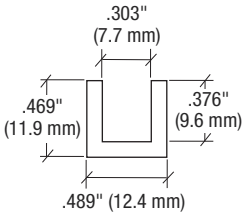
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Extruded Aluminum



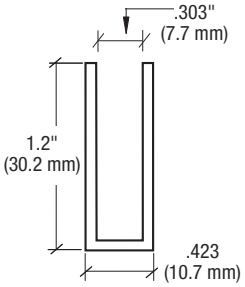
D622 SERIES
Extruded Aluminum



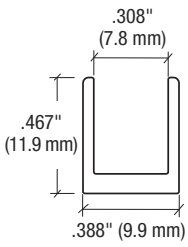
D673 SERIES
Extruded Aluminum



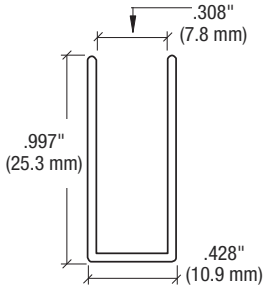
D3021 SERIES
Extruded Aluminum



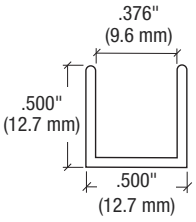
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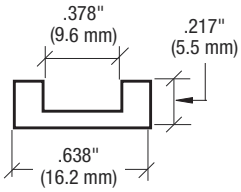
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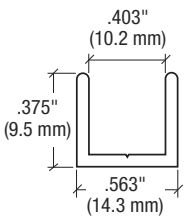
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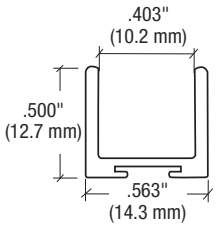
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Extruded Aluminum



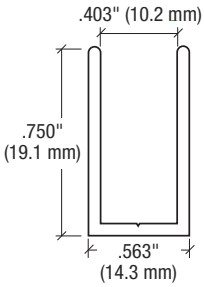
D1653 SERIES
Extruded Aluminum



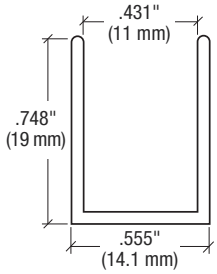
SDCR38 SERIES
Extruded Aluminum



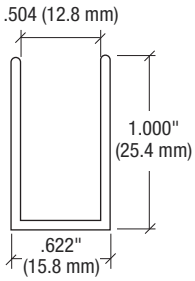
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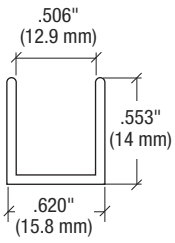
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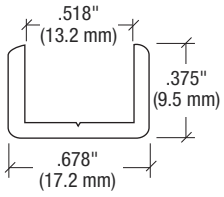
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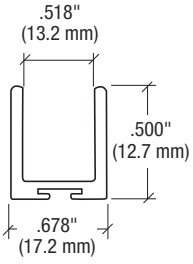
DV750 SERIES
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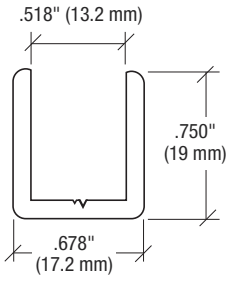
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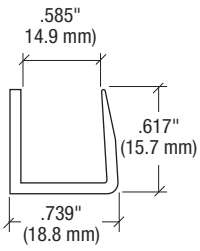
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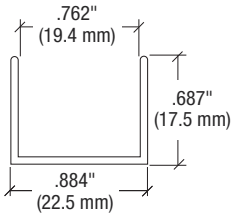
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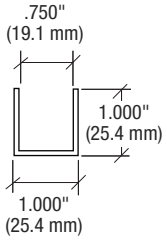
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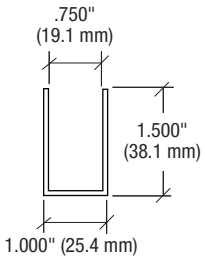
D621 SERIES
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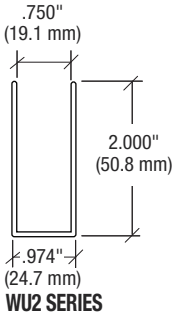
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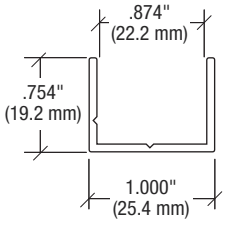
WU3 SERIES
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WU1 SERIES
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WU2 SERIES
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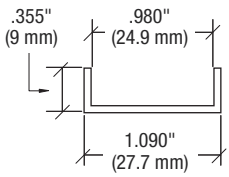


D336 SERIES
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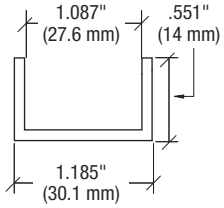
CRL METAL EXTRUSIONS AND PROFILES

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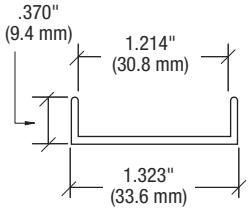
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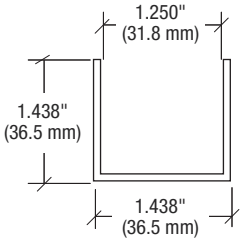
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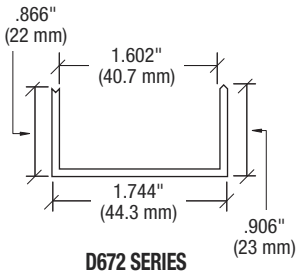
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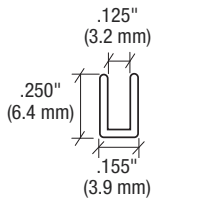
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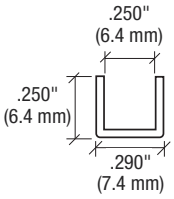
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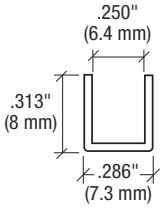
D672 SERIES
Extruded Aluminum



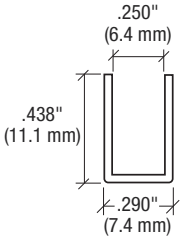
SS954 SERIES
Stainless Steel



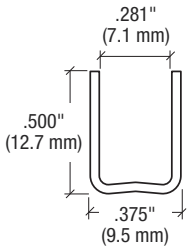
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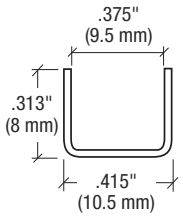
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Stainless Steel



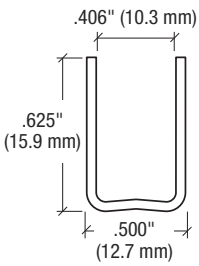
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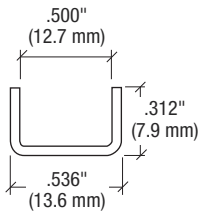
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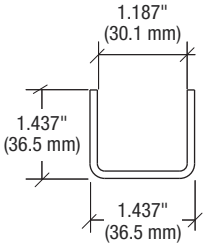
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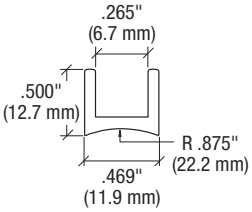
SAC38BS SERIES
Stainless Steel



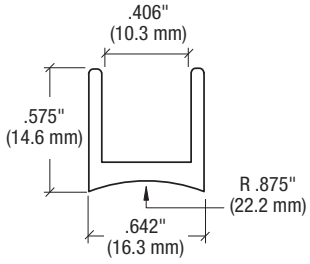
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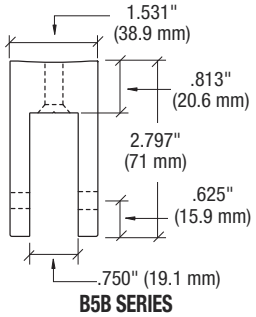
L10 SERIES
Stainless Steel



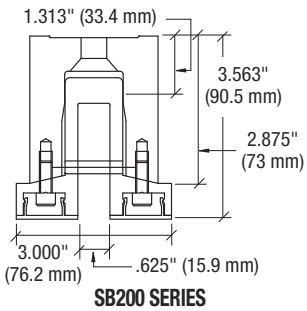
SAC14BR SERIES
Brass



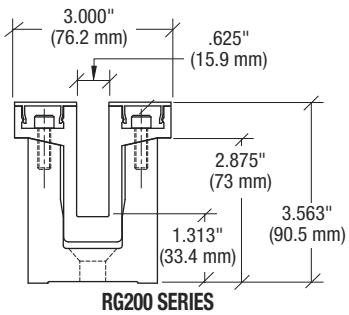
SAC38BR SERIES
Brass



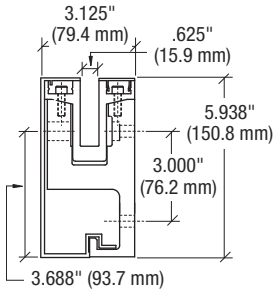
B5B SERIES
Extruded Aluminum



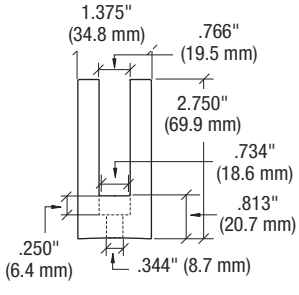
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Extruded Aluminum



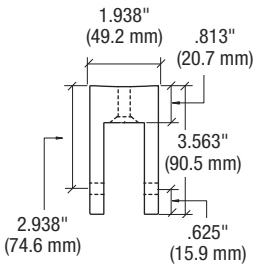
RG200 SERIES
Extruded Aluminum



RG450 SERIES
Extruded Aluminum

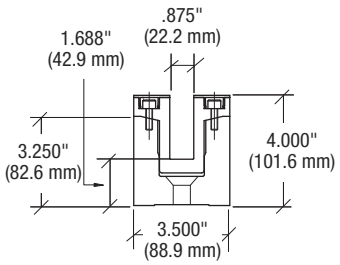


W5B SERIES
Extruded Aluminum

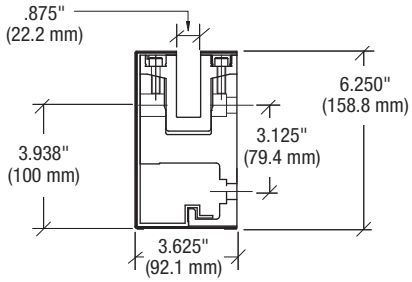


B7B SERIES
Extruded Aluminum

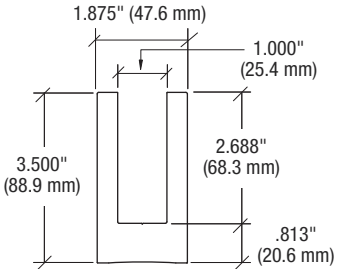
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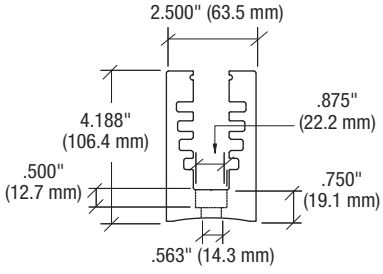
RG500 SERIES
Extruded Aluminum



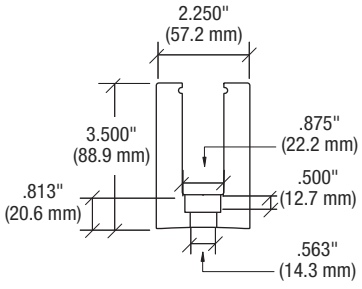
RG650 SERIES
Extruded Aluminum



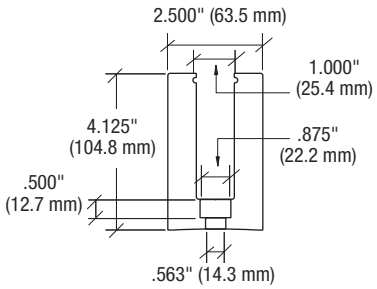
W7B SERIES
Extruded Aluminum



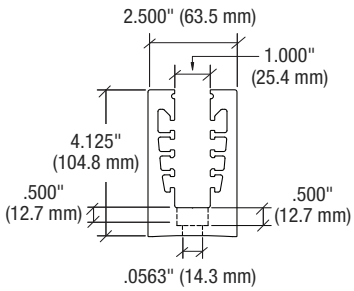
B5A SERIES
Extruded Aluminum



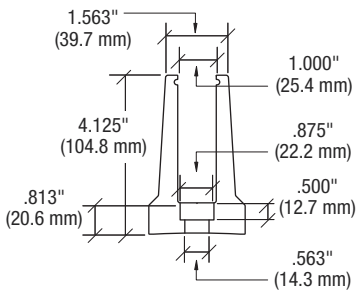
B5L SERIES
Extruded Aluminum



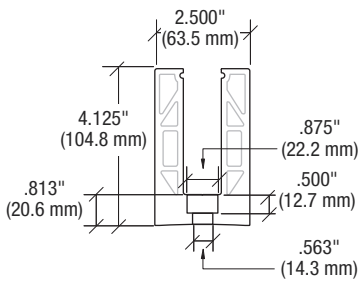
B5S SERIES
Extruded Aluminum



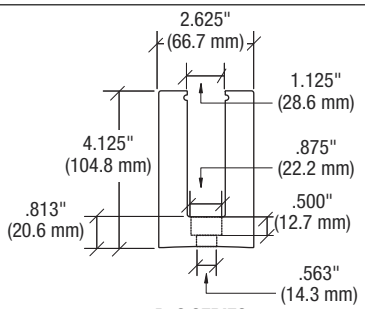
B5G SERIES
Extruded Aluminum



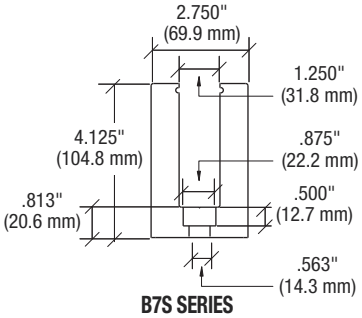
B5T SERIES
Extruded Aluminum



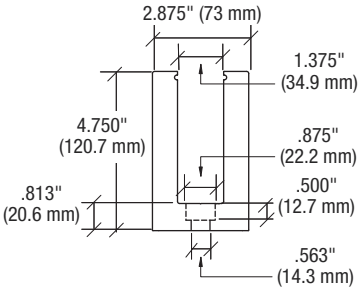
8B SERIES
Extruded Aluminum



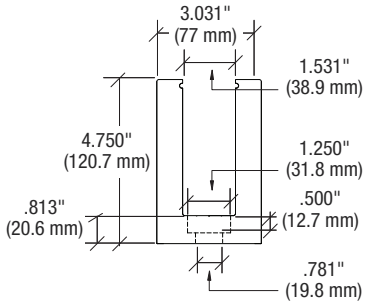
B6S SERIES
Extruded Aluminum



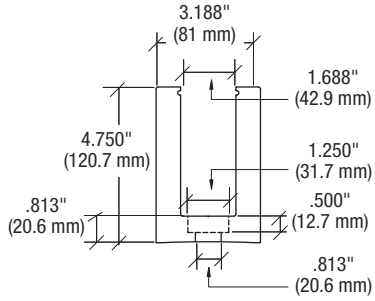
B7S SERIES
Extruded Aluminum



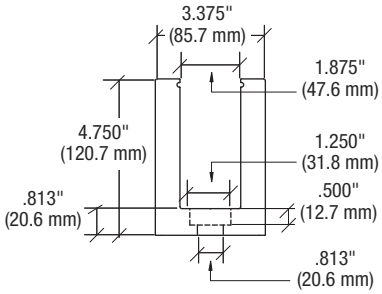
L56S SERIES
Extruded Aluminum



L68S SERIES
Extruded Aluminum



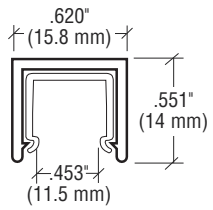
L21S SERIES
Extruded Aluminum



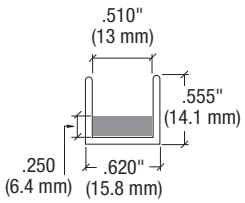
L25S SERIES
Extruded Aluminum

CRL METAL EXTRUSIONS AND PROFILES

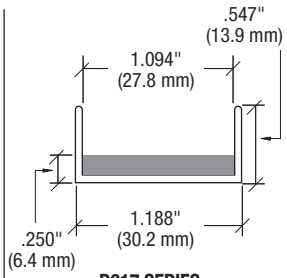
Pages GG204 to GG216 contain just some of CRL's extensive array of metal extrusions and profiles. For a full selection please go to crlaurence.com/extrusions.



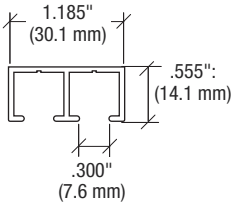
D611 SERIES
Extruded Aluminum



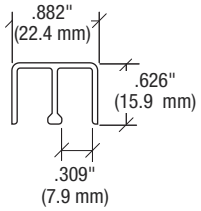
D606 SERIES
Extruded Aluminum



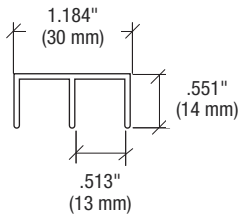
D617 SERIES
Extruded Aluminum



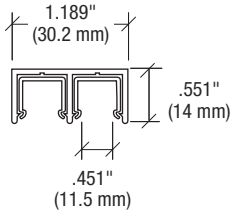
D605 SERIES
Extruded Aluminum



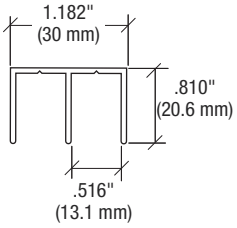
D618 SERIES
Extruded Aluminum



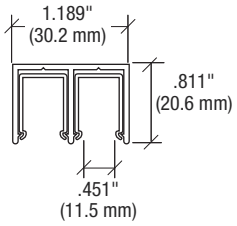
D603 SERIES
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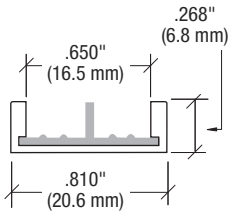
D609 SERIES
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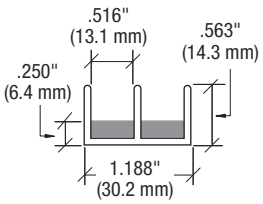
D613 SERIES
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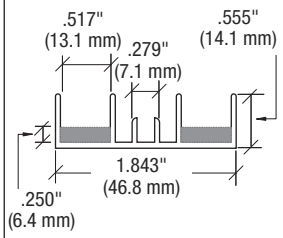
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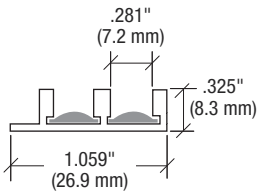
D590 SERIES
Extruded Aluminum



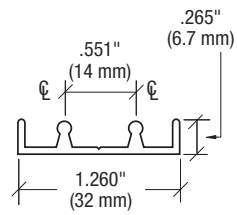
D607 SERIES
Extruded Aluminum



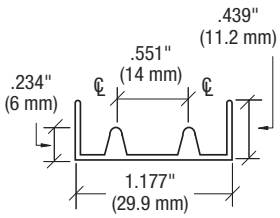
D1606 SERIES
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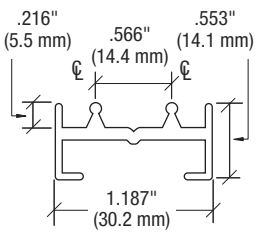
D593 SERIES
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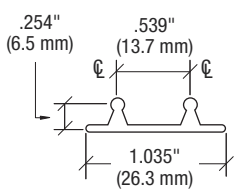
D3103 SERIES
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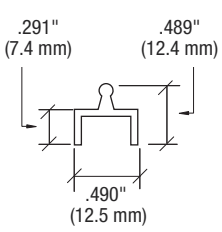
D594 SERIES
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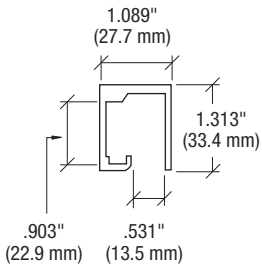
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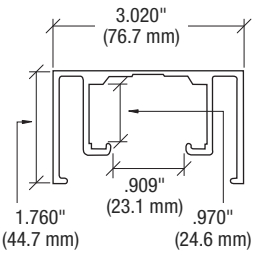
D602 SERIES
Extruded Aluminum



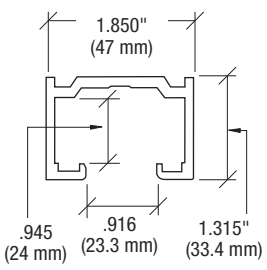
D601 SERIES
Extruded Aluminum



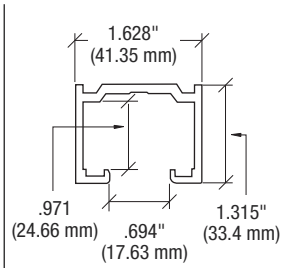
D3 SERIES
Extruded Aluminum



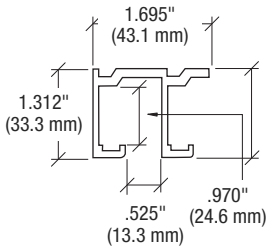
D1670 SERIES
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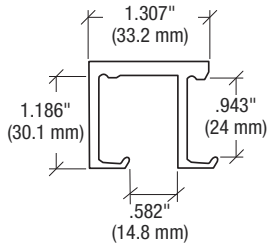
D7 SERIES
Extruded Aluminum



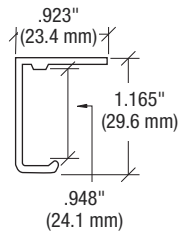
D6 SERIES
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D4 SERIES
Extruded Aluminum



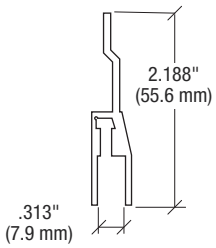
D9 SERIES
Extruded Aluminum



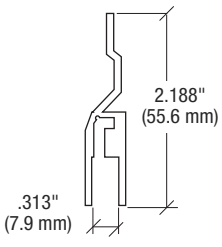
D8 SERIES
Extruded Aluminum

CRL METAL EXTRUSIONS AND PROFILES

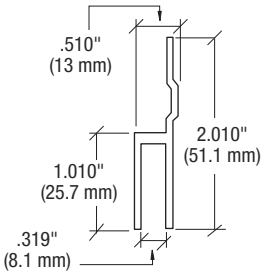
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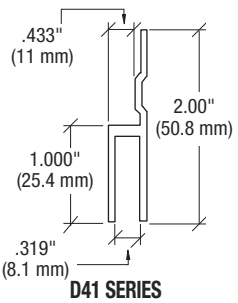
D28 SERIES
Extruded Aluminum



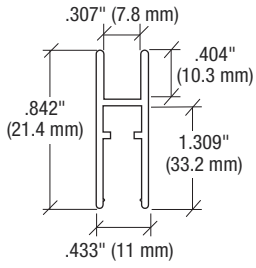
D29 SERIES
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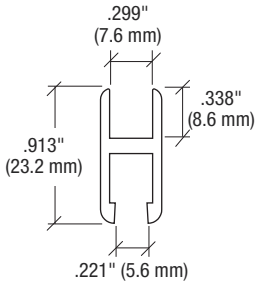
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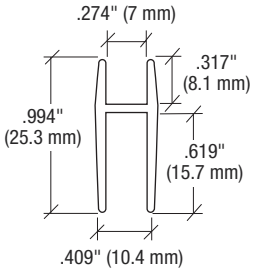
D41 SERIES
Extruded Aluminum



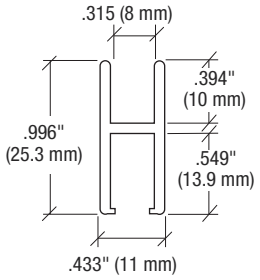
LK610 SERIES
Extruded Aluminum



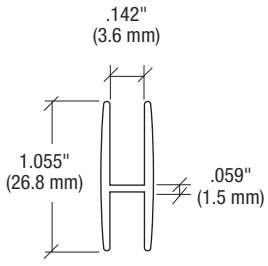
D1652 SERIES
Extruded Aluminum



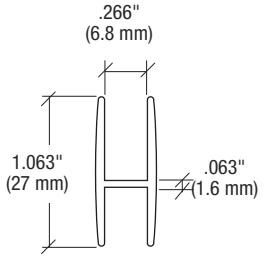
D5610 SERIES
Extruded Aluminum



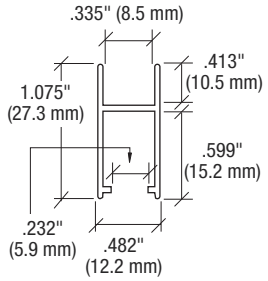
D610 SERIES
Extruded Aluminum



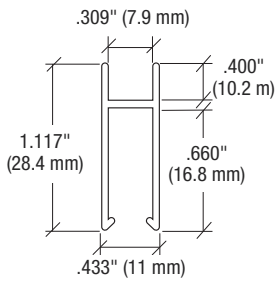
H18 SERIES
Extruded Aluminum



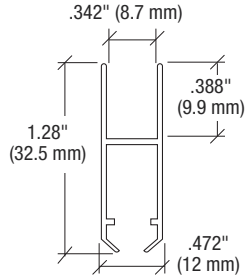
H14 SERIES
Extruded Aluminum



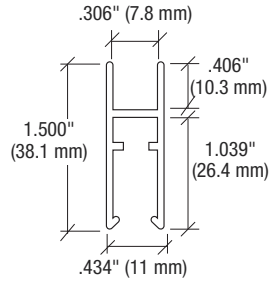
DV146 SERIES
Extruded Aluminum



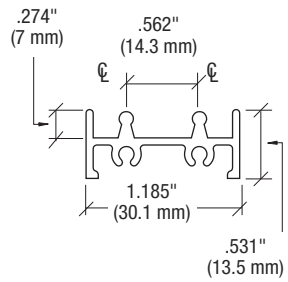
MC610 SERIES
Extruded Aluminum



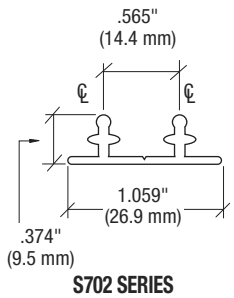
S710 SERIES
Extruded Aluminum



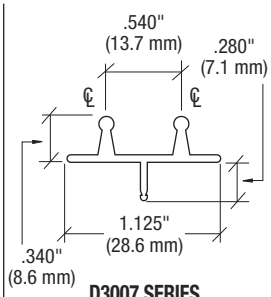
KK610 SERIES
Extruded Aluminum



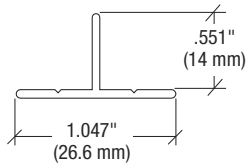
D7007 SERIES
Extruded Aluminum



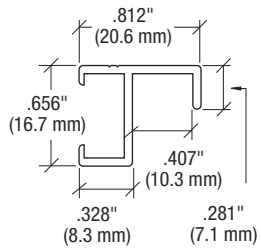
S702 SERIES
Extruded Aluminum



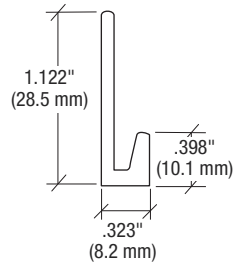
D3007 SERIES
Extruded Aluminum



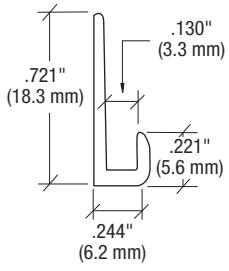
D608 SERIES
Extruded Aluminum



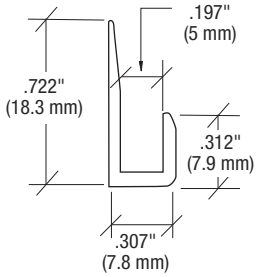
4410 SERIES
Extruded Aluminum



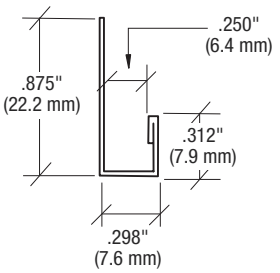
D625 SERIES
Extruded Aluminum



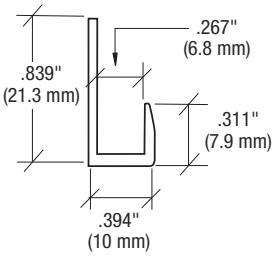
D18 SERIES
Extruded Aluminum



D3316 SERIES
Extruded Aluminum



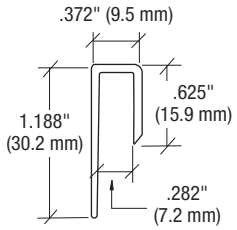
SS960 SERIES
Stainless Steel



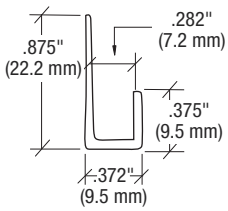
D514 SERIES
Extruded Aluminum

CRL METAL EXTRUSIONS AND PROFILES

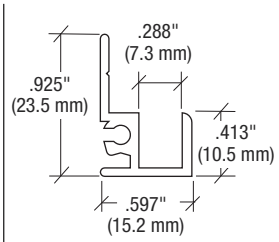
Pages GG204 to GG216 contain just some of CRL's extensive array of metal extrusions and profiles. For a full selection please go to **crlaurence.com/extrusions**.



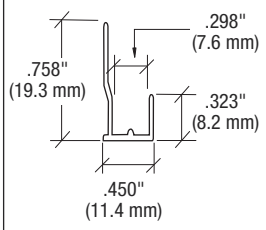
D645 SERIES
Extruded Aluminum



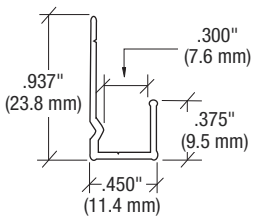
D636 SERIES
Extruded Aluminum



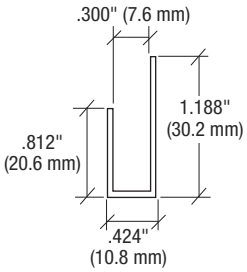
D1680 SERIES
Extruded Aluminum



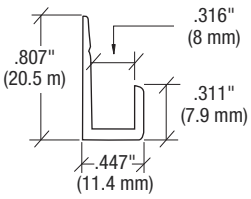
D638 SERIES
Extruded Aluminum



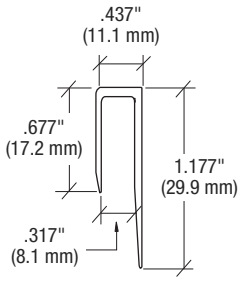
D657 SERIES
Extruded Aluminum



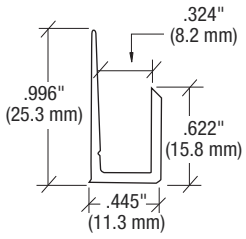
D318 SERIES
Extruded Aluminum



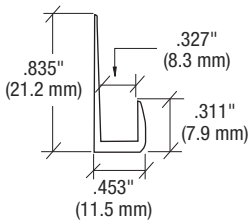
DV605 SERIES
Extruded Aluminum



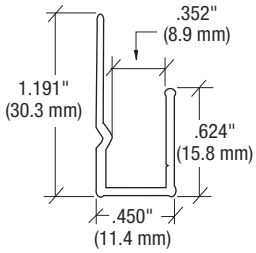
D58 SERIES
Extruded Aluminum



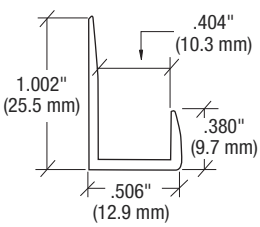
DV606 SERIES
Extruded Aluminum



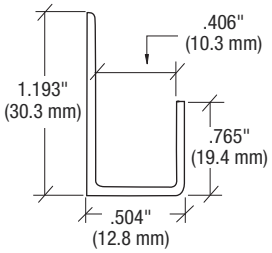
D516 SERIES
Extruded Aluminum



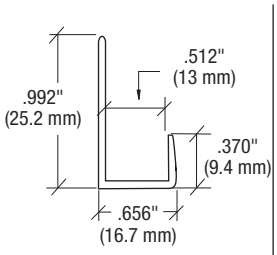
D651 SERIES
Extruded Aluminum



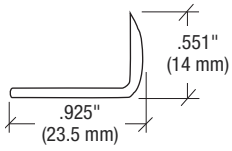
D738 SERIES
Extruded Aluminum



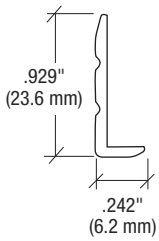
D838 SERIES
Extruded Aluminum



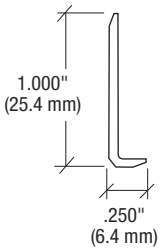
D12 SERIES
Extruded Aluminum



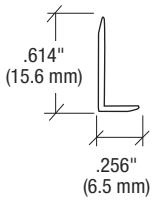
DA326 SERIES
Extruded Aluminum



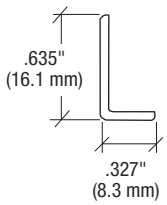
DV101 SERIES
Extruded Aluminum



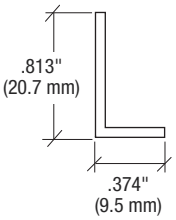
L902 SERIES
Extruded Aluminum



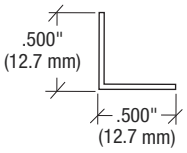
DV607 SERIES
Extruded Aluminum



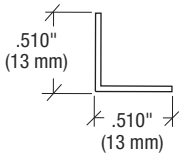
L502 SERIES
Extruded Aluminum



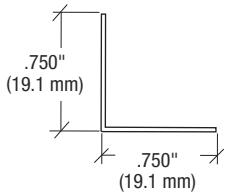
D317 SERIES
Extruded Aluminum



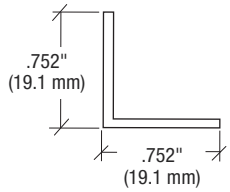
SS964 SERIES
Stainless Steel



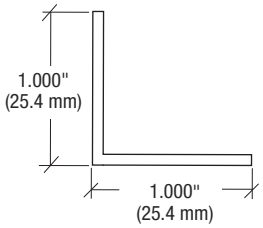
D1627 SERIES
Extruded Aluminum



SS965 SERIES
Stainless Steel

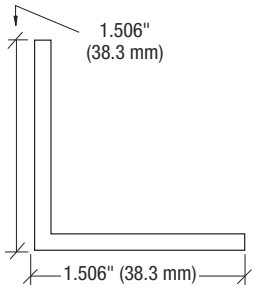


D1628 SERIES
Extruded Aluminum

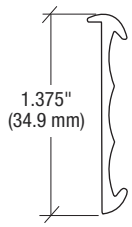


D1634 SERIES
Extruded Aluminum

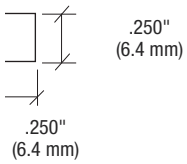
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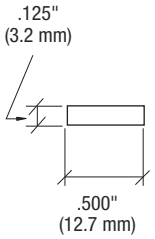
DV710 SERIES
Extruded Aluminum



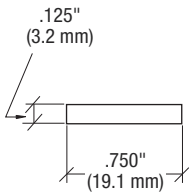
D5001 SERIES
Extruded Aluminum



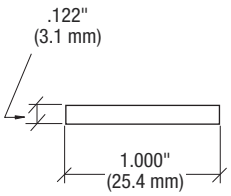
D637 SERIES
Extruded Aluminum



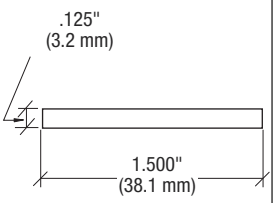
DV2412 SERIES
Extruded Aluminum



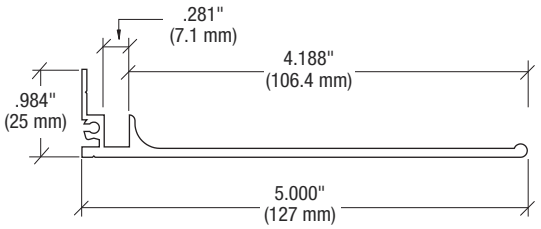
DV2414 SERIES
Extruded Aluminum



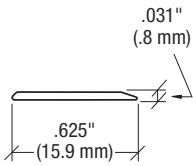
DV2416 SERIES
Extruded Aluminum



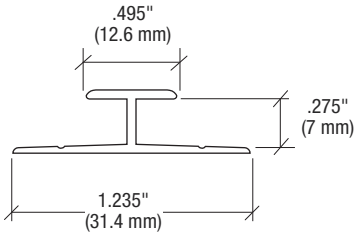
DV2418 SERIES
Extruded Aluminum



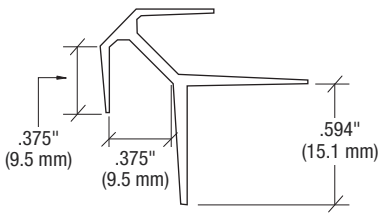
D1684 SERIES
Extruded Aluminum



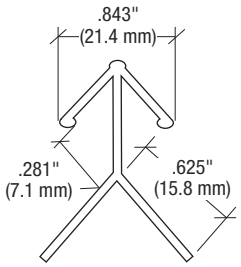
S625 SERIES
Extruded Aluminum



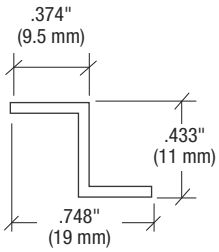
D901 SERIES
Extruded Aluminum



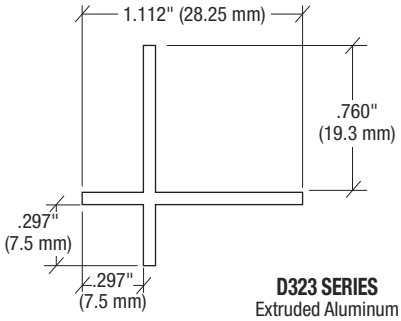
DA1023 SERIES
Extruded Aluminum



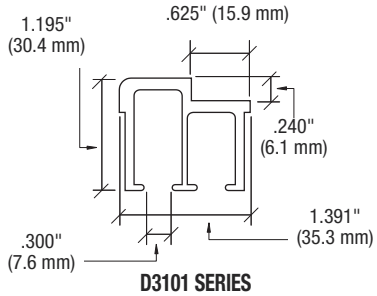
SS962 SERIES
Stainless Steel



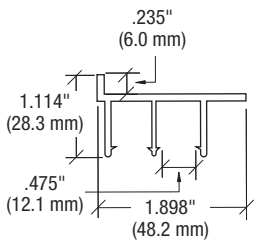
D1626 SERIES
Extruded Aluminum



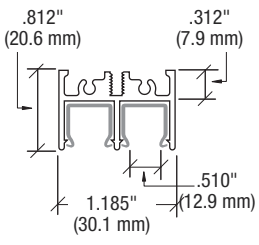
D323 SERIES
Extruded Aluminum



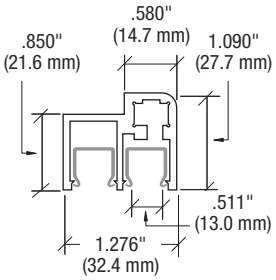
D3101 SERIES
Extruded Aluminum



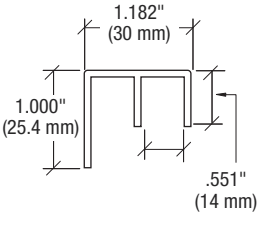
D3100 SERIES
Extruded Aluminum



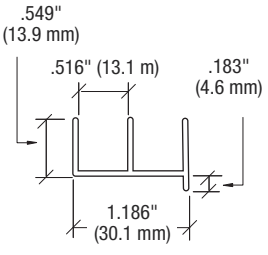
D7003 SERIES
Extruded Aluminum



D3003 SERIES
Extruded Aluminum



D161312 SERIES
Extruded Aluminum

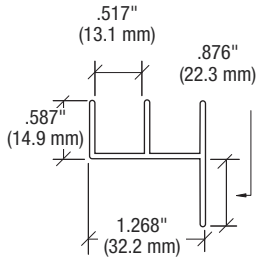


D1603 SERIES
Extruded Aluminum

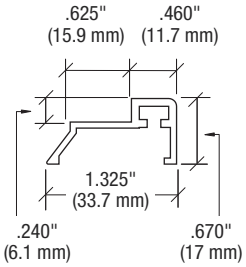
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go to:
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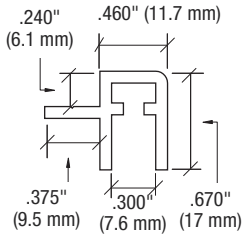
Pages GG204 to GG216 contain just some of CRL's extensive array of metal extrusions and profiles. For a full selection please go to **crlaurence.com/extrusions**.



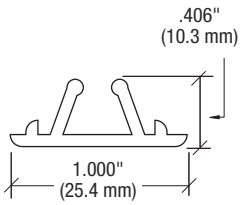
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Extruded Aluminum



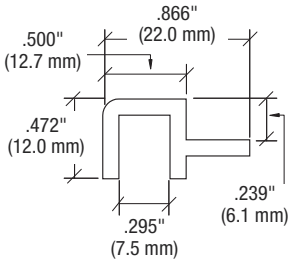
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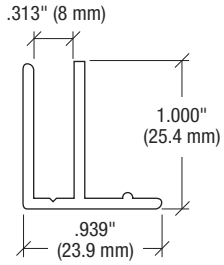
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Extruded Aluminum



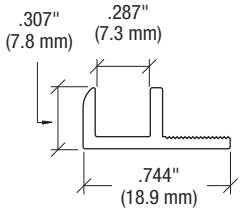
D3030 SERIES
Extruded Aluminum



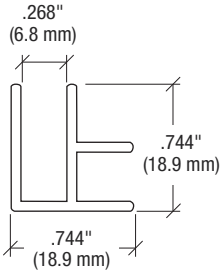
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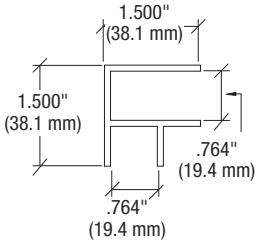
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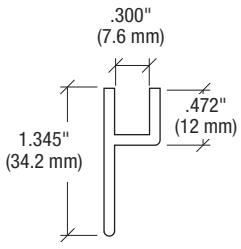
D3106 SERIES
Extruded Aluminum



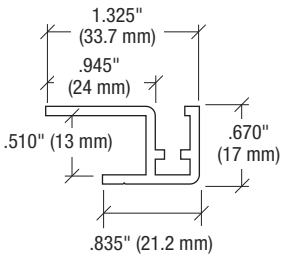
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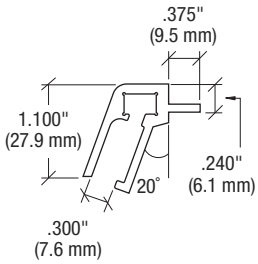
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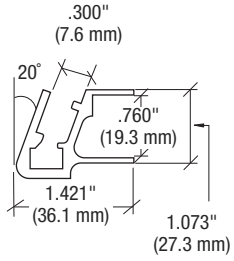
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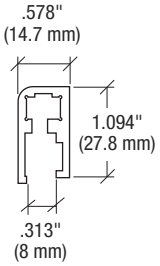
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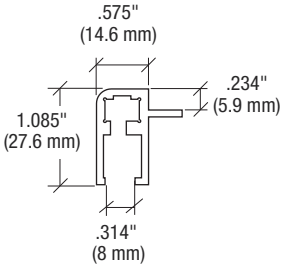
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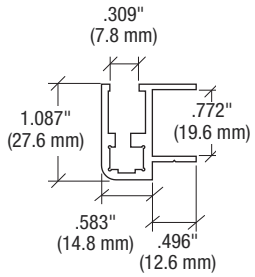
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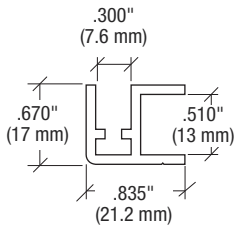
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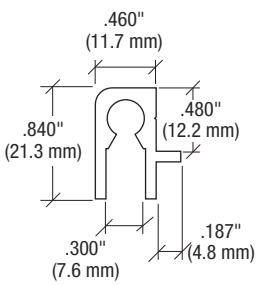
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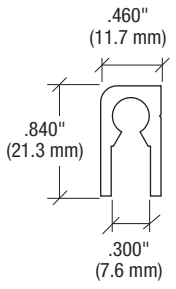
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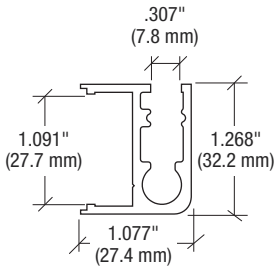
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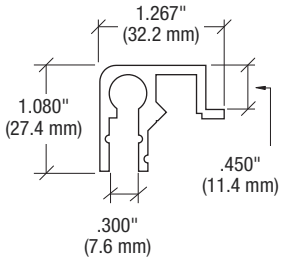
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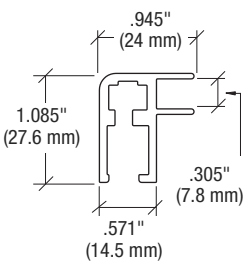
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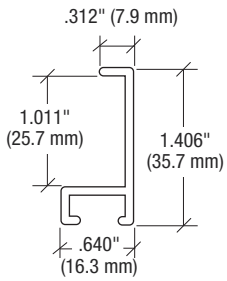
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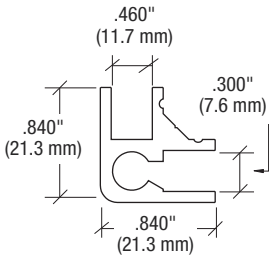
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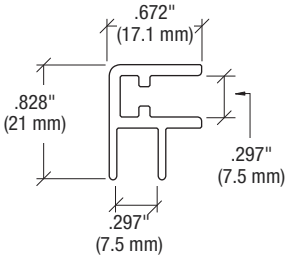
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D953 SERIES
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D7015 SERIES
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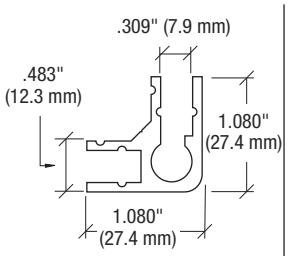


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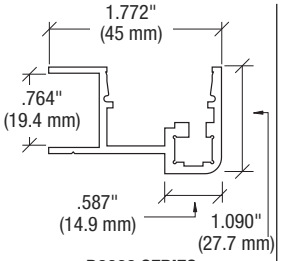
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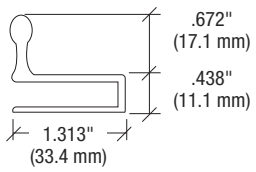
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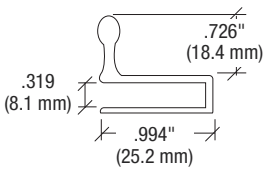
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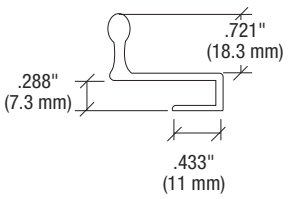
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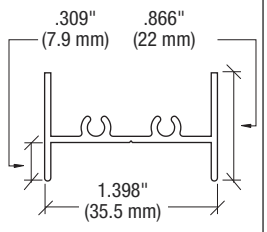
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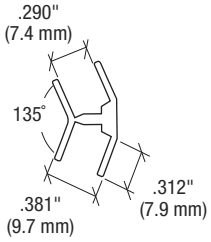
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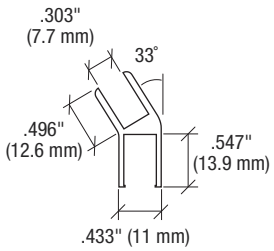
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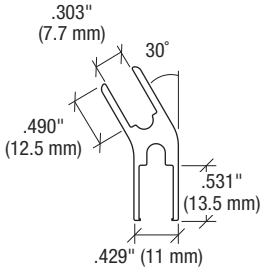
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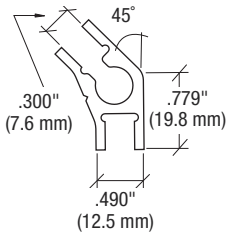
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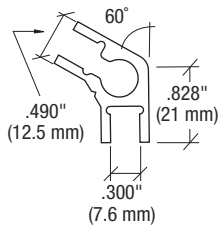
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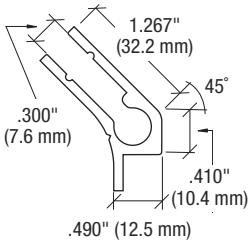
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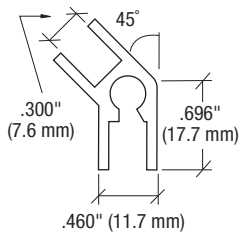
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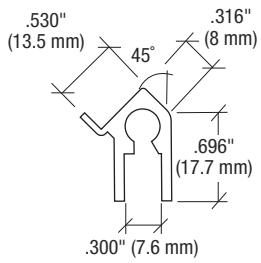
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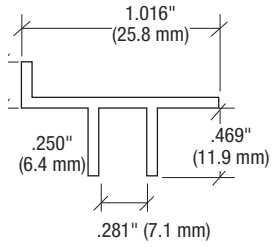
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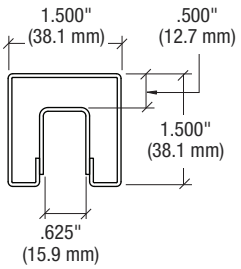
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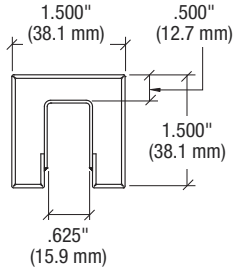
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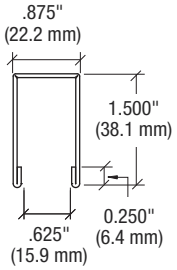
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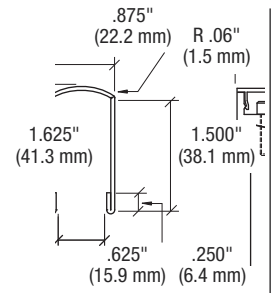
GRS15 SERIES
Stainless Steel



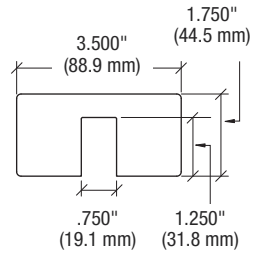
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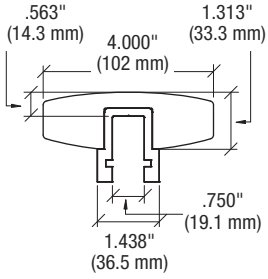
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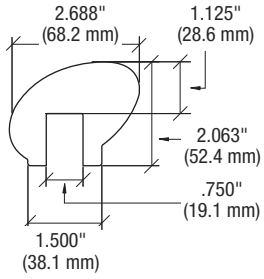
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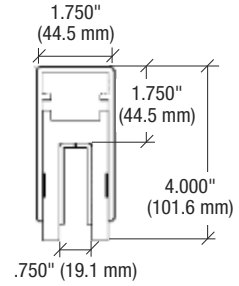
339 SERIES
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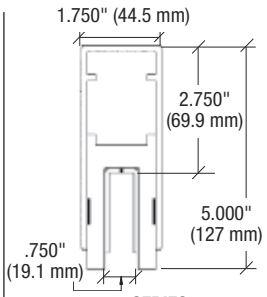
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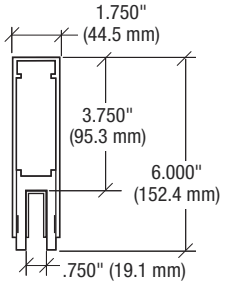
376 SERIES
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636 SERIES
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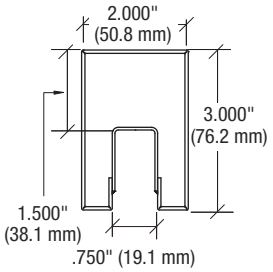


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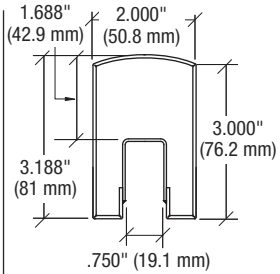


638 SERIES
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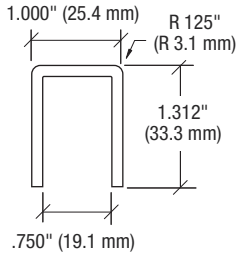
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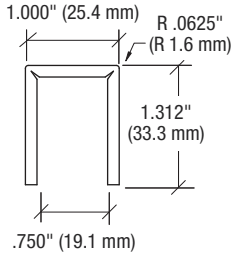
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Stainless Steel



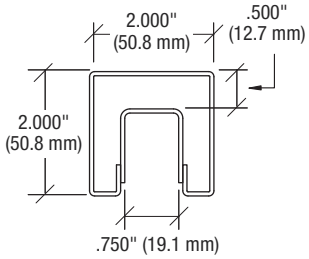
GRSCR3 SERIES
Stainless Steel



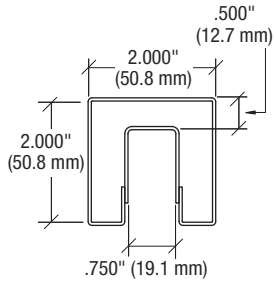
GRL10 SERIES
Stainless Steel



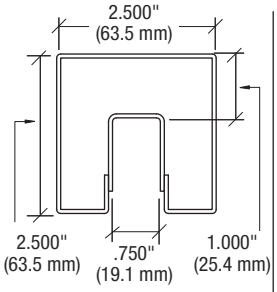
GRLC10 SERIES
Stainless Steel



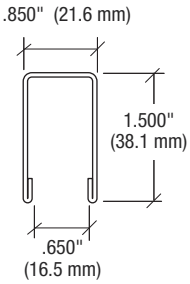
GRS20 SERIES
Stainless Steel



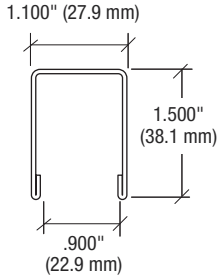
GRSC20 SERIES
Stainless Steel



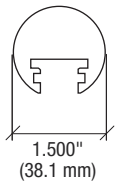
GRS25 SERIES
Stainless Steel



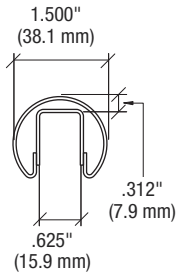
GRUC5 SERIES
Stainless Steel



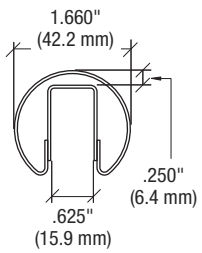
GRUC7 SERIES
Stainless Steel



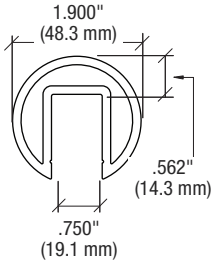
583 SERIES
Extruded Aluminum



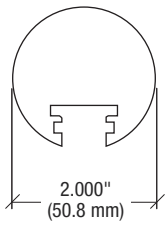
GR15 SERIES
Stainless Steel



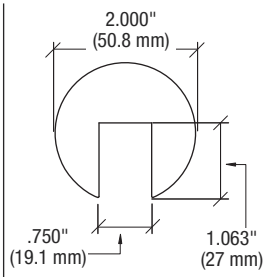
GR16 SERIES
Stainless Steel



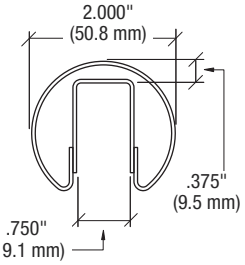
GR19 SERIES
Extruded Aluminum



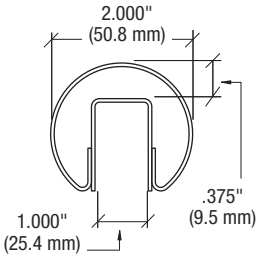
537 SERIES
Extruded Aluminum



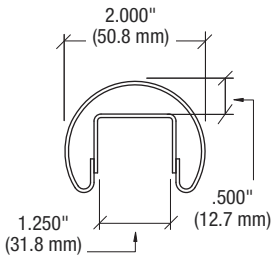
337 SERIES
Extruded Aluminum



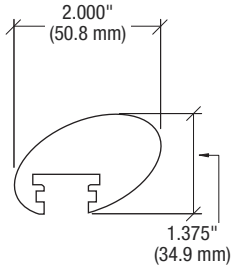
GR20 SERIES
Stainless Steel



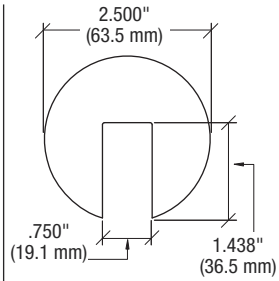
GR207 SERIES
Stainless Steel



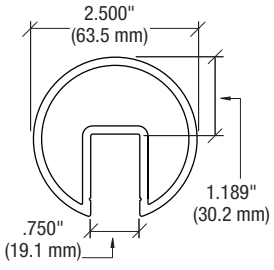
LR20 SERIES
Stainless Steel



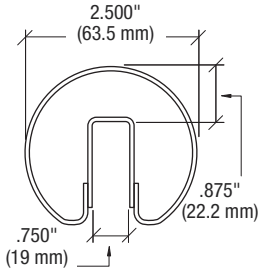
576 SERIES
Extruded Aluminum



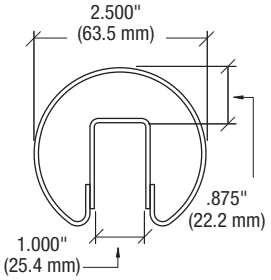
338 SERIES
Extruded Aluminum



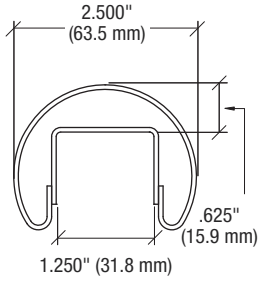
GR25M SERIES
Extruded Aluminum



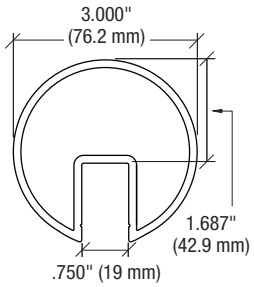
GR25 SERIES
Stainless Steel



GR257 SERIES
Stainless Steel



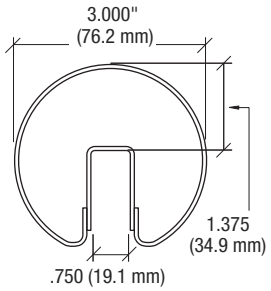
LR25 SERIES
Stainless Steel



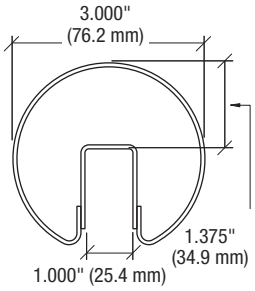
GR30M SERIES
Extruded Aluminum

CRL METAL EXTRUSIONS AND PROFILES

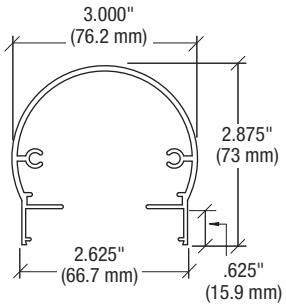
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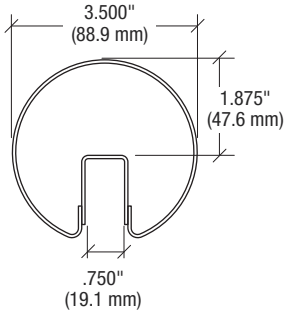
GR30 SERIES
Stainless Steel



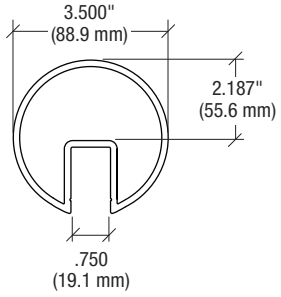
GR307 SERIES
Stainless Steel



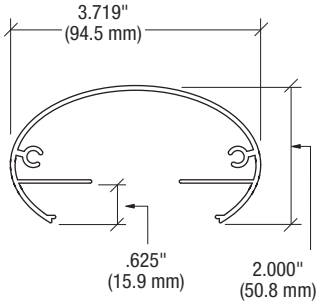
3TR241 SERIES
Extruded Aluminum



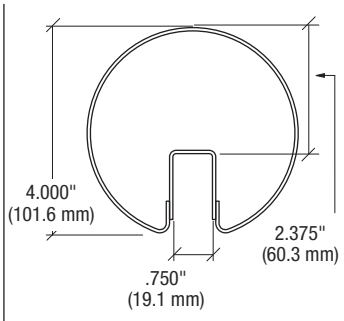
GR35 SERIES
Stainless Steel



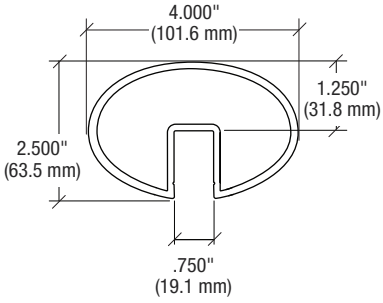
GR35M SERIES
Extruded Aluminum



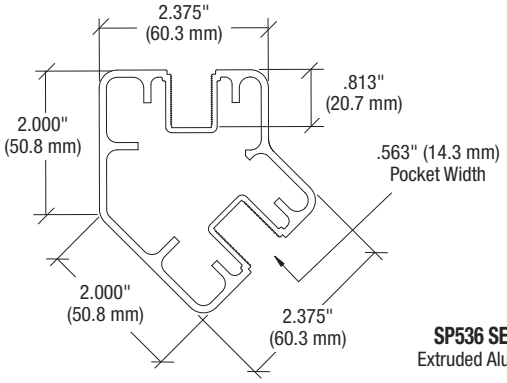
35TR241 SERIES
Extruded Aluminum



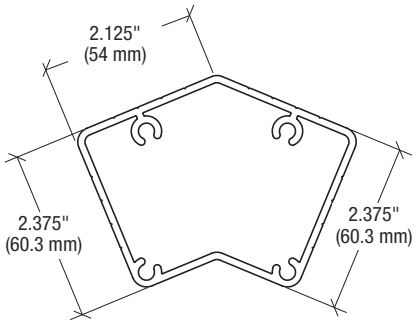
GR40 SERIES
Stainless Steel



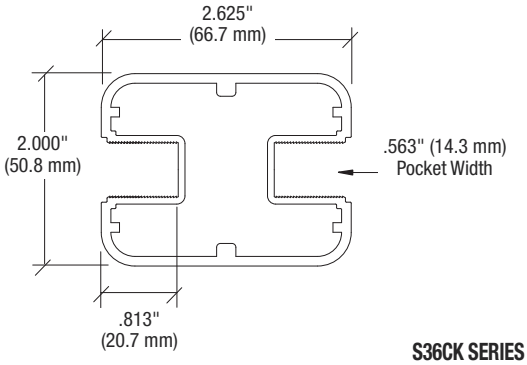
GR0V4M SERIES
Extruded Aluminum



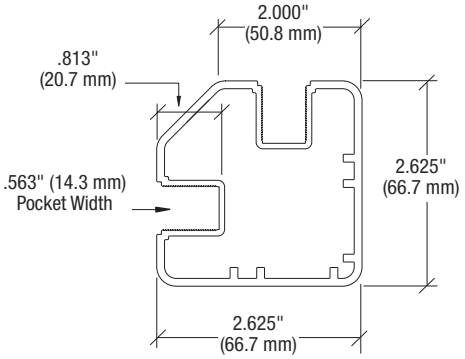
SP536 SERIES
Extruded Aluminum



1P536 SERIES
Extruded Aluminum



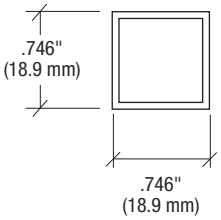
S36CK SERIES
Extruded Aluminum



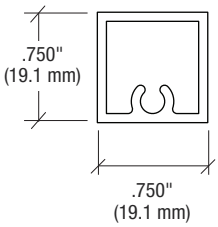
S36CRK SERIES
Extruded Aluminum

CRL METAL EXTRUSIONS AND PROFILES

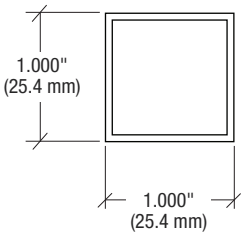
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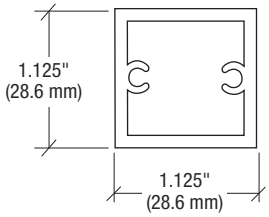
D70 SERIES
Extruded Aluminum



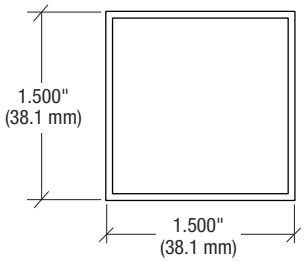
PKTS241 SERIES
Extruded Aluminum



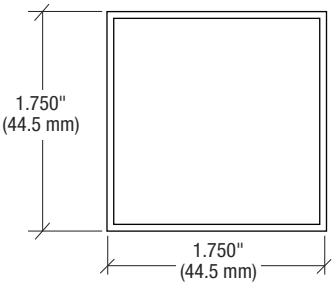
DV3404 SERIES
Extruded Aluminum



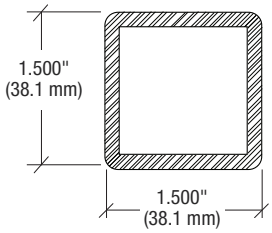
D630 SERIES
Extruded Aluminum



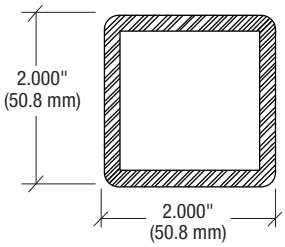
DV3425 SERIES
Extruded Aluminum



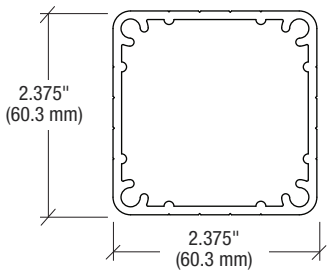
J175 SERIES
Extruded Aluminum



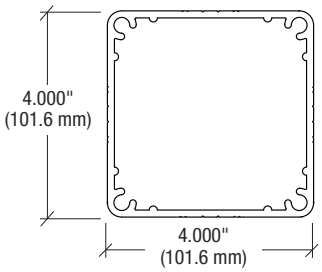
HRS15 SERIES
Stainless Steel



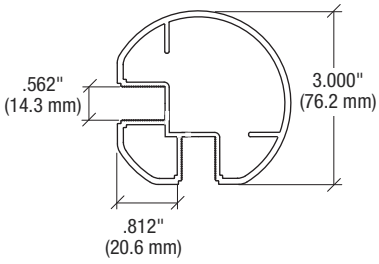
PR2 SERIES
Stainless Steel



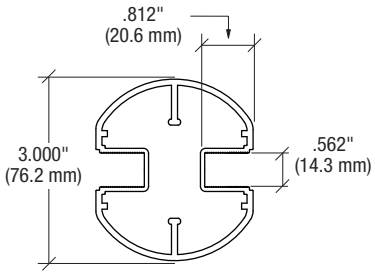
1P36 SERIES
Extruded Aluminum



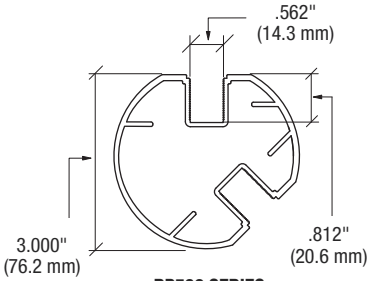
4P36 SERIES
Extruded Aluminum



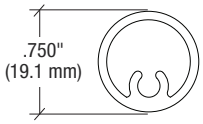
R36CRK SERIES
Extruded Aluminum



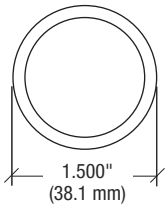
R36CK SERIES
Extruded Aluminum



RP536 SERIES
Extruded Aluminum

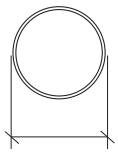


PKTR241 SERIES
Extruded Aluminum

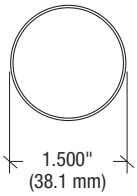


ARHR15 SERIES
Extruded Aluminum

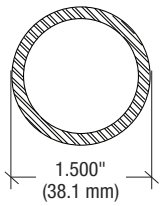
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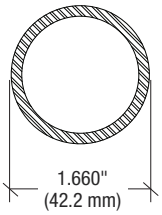
HR10 SERIES
Stainless Steel



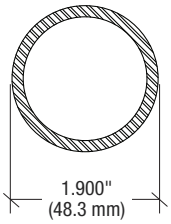
HR15 SERIES
Stainless Steel



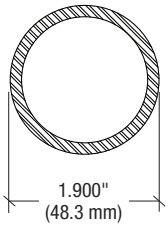
HRH15 SERIES
Stainless Steel



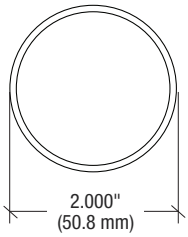
PR12 SERIES
Stainless Steel



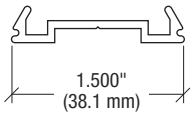
PR15 SERIES
Stainless Steel



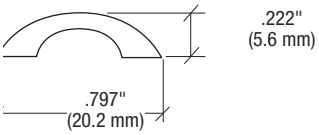
HR19 SERIES
Extruded Aluminum



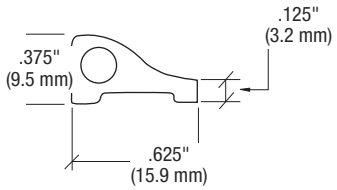
HR20 SERIES
Stainless Steel



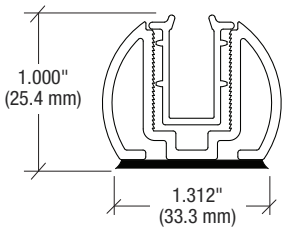
BRF241 SERIES
Extruded Aluminum



SDT980 SERIES
Extruded Aluminum



S1L001 SERIES
Extruded Aluminum



BR36K SERIES
Extruded Aluminum

CRL's High Standards Produce the Results You Need to Achieve Excellence



Material Quality

Our aluminum smelting process starts with the highest quality primary ingots for billet castings. Alloy analysis is made using spectrometers, tensile testers, and impact testers for consistent results. Stainless steel moldings are made from 316 and 304 Alloy, and all of our plastic channels are of the finest materials available.



Custom Shapes and Fabrication

CRL can produce virtually any shape extrusion from your drawing or samples. Our die makers will precisely design and produce high tolerance tooling with CNC Machine efficiency. Value added fabrication of special orders are never a problem. Services available include hole punching and drilling, cutting, processing, assembly, accessory fitting, stamping, mechanical polishing, and packaging with fasteners.



Superior Packaging

CRL's years of experience in handling and packaging extrusions have helped us design a variety of sound and secure packing methods. Protection of finished surfaces by polywrapping individual lengths and tightly packed full case shipments ensure delivery of flawless materials for your project requirements.



Tools, Machinery, and Equipment

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TE001 - TE152

Abrasive Belts and Discs
Belt Sanders
Cordless Tools
Diamond Blades and Drills
Drilling Tools
Glass Cutters
Glass Dollies and Carts
Glass Drilling Tools
Glass Markers
Glass Protectors
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Lifting Frames
Measuring Tools
Plastic Cutters
Pliers and Clamps
Pry Bars and Chisels
Putty Tools
Railing Tools
Safety Gear
Saws and Blades
Screen and Spline Tools
Screwdrivers
Snips and Shears
Straight Edges
Tool Boxes and Carriers
Vacuum Cups and Lifters
Wrenches

CRL US ALUMINUM
crlaurence.com • usalum.com

These products and more can be found in this catalog section. On the bottom of each page are direct search instructions for viewing them on our web site. You can also enter the catalog number into the search box for a direct link to the product and others in that category. To view other products, click on the link to our Catalog Library found on the web site home page.

Products in this section can also be found in our CRL73R Tools, Machinery, and Equipment Master Catalog, available for viewing, download or order from the Catalog Library at **crlaurence.com/catalogs.**



C.R. Laurence is ISO 9001:2008 Certified

SECTION 2 INDEX

TOOLS, MACHINERY, AND EQUIPMENT

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Abrasive Discs....TE042
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CRL Glass Cutting Introduction

MORE INFORMATION crlaurence.com

The art and science of glass cutting, like every other craft known to man, has evolved and advanced as new technologies and new discoveries in material science have been developed. One of the earliest methods of glass "cutting" involved scratching, or scoring the glass surface with a fixed diamond point. Although still available from CRL, these diamond tip cutters are now relegated to those in the industry who were trained early on in their use.

The most common and efficient method of manually cutting glass today incorporates very precise oil delivery systems with finely machined, honed Tungsten Carbide alloy cutting wheels. All this in the palm of your hand, packaged in anything from clear high impact plastic resin handles to ergonomically designed, perfectly balanced brass handles.

The following pages represent the finest collection of cutting devices and accessories from around the world. Here you will find everything and anything needed by the glass cutting professional: from cutters to cutter pouches, marking pencils to hydraulic tilt cutting tables. However, if you are searching for something specific and you do not find it here, please visit our web site **crlaurence.com/glass-cutting** or call our technical professionals at (800) 421-6144 for help. Many products and services offered by CRL started out as the needs and ideas of people like you, working with the sharp end of the cutter.

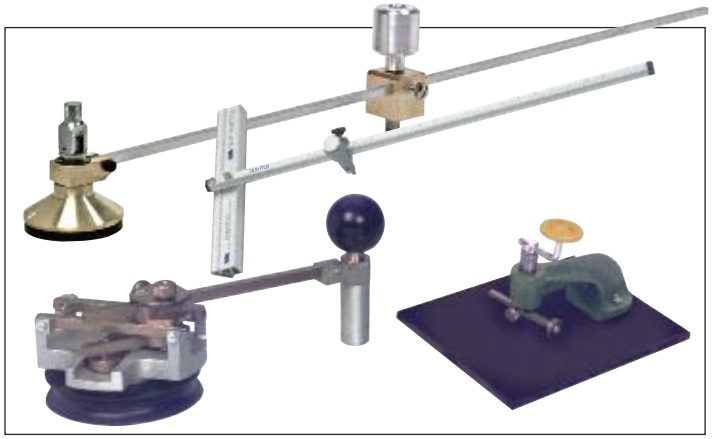


Manual Glass Cutting

Years of research and sales history have guided CRL in our efforts to provide the glass industry with the most current technology in hand glass cutting.

From wood handle, steel wheel economy glass cutters, to state-of-the-art brass handle self oiling carbide wheel cutters, CRL has the solutions your business requires. Hone angles ranging from 114 degrees for brittle stained glass, to 158 degrees for 3/4" (19 mm) and 1" (25 mm) thick glass, our selection will answer your needs.

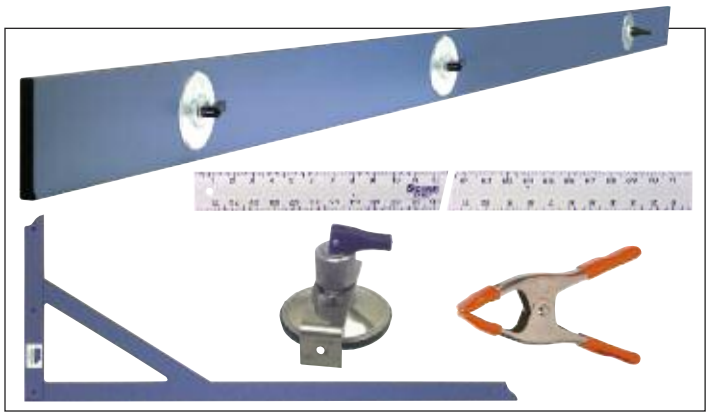
Replacement steel or carbide wheels, replacement head assemblies, individual cutters or complete systems, you will find the best technology from around the world within these pages and at **crlaurence.com/glass-cutting**.



Mechanically Assisted Glass Cutting

Although it is possible to cut a circle or oval freehand without aid, perfect, repetitive patterns require some mechanical assistance. CRL offers the full range of tried and true circle cutters and oval cutters, as well as the most recent innovations in the industry.

This range of tools will be admired by the professional and appreciated by the novice. CRL can supply the tools you need for custom fabrication or repetitive production.



Straight Edges and L-Squares

Whatever material you are cutting, regardless of thickness, the basic requirements are that cuts have to be exactly straight and the corners exactly square. CRL Phenolic Resin Straight Edge and L-Squares are fabricated in our own facilities under strict ISO-9001 guidelines. These products are certified accurate to within 1/16" (1.6 mm).

Further cutting accuracy is guaranteed by our assortment of clamps and vacuum devices designed to hold your edge guide exactly where you need it to be.

CRL Glass Cutting Introduction

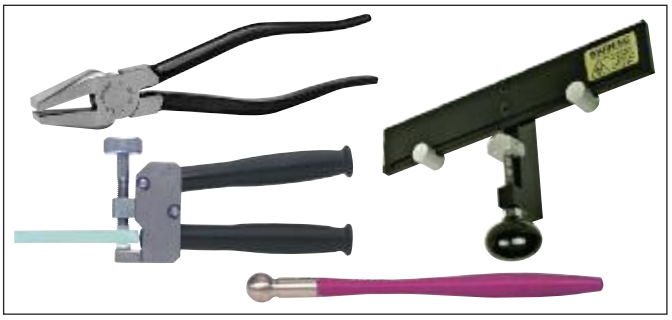
MORE INFORMATION crlaurence.com



Markers, Pens, Pencils, Engravers

"Measure twice, cut once" is an old adage, but it applies to glass cutting as well as any other craft. Even better is "measure twice, mark and cut once". CRL offers a full range of pencils, pens, felt markers, and engraving tools that can be used to mark cutting dimensions, label products and tools, and even touch up storefront metals.

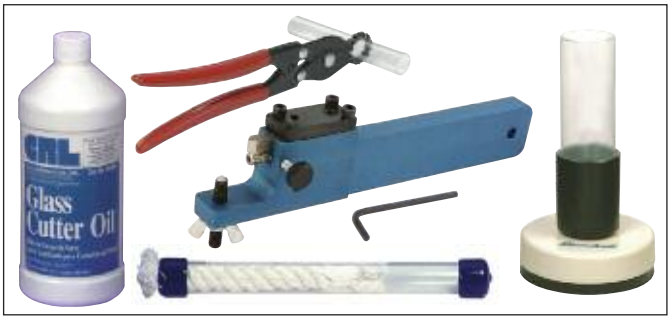
From high tech paint dispensing pens to low tech carpenters crayons, CRL has the products that help you get the job done – and done right.



Pliers and Break-Out Tools

Every glazier will acknowledge that quality cutting tools are only half of the equation. Without the highest-quality running and break-out tools, the end result can only be mediocre.

The CRL selection of pliers and break-out tools are manufactured to the highest standards of engineering, forging, milling, and assembly from sources all over the world. This focus on quality and engineering translates into quality craftsmanship for the end user, whether cutting and running single strength window glass or producing flare free heavy glass table tops.



Accessories and Specialty Tools

Just as important as the basic tools are the accessories that are necessary to produce quality finished products. Cutting oils formulated for specific applications, convenience products for applying oil and holding cutters, cutters for neon tube and other round products, patterns and templates, edge scalloping and chipping tools; all can be found here.



Plastic Cutters and Accessories

Whether cutting plastic or acrylic products is a regular offering for your business or a once-in-a-while occurrence, you will find the appropriate tools here.

From light-duty disposable cutters to heavy-duty tools designed to last a lifetime, you can choose the tool to fit your requirements. You can even choose blades to convert your common utility knives into heavy-duty plastic cutters. Everything you need can be found here.



Cutting Tables and Accessories

Floor space, production volume and cost are important considerations when it comes to choosing a business asset such as a glass cutting table. Counterbalance, torsion spring, hydraulic, with or without air flotation, with or without breaker bars – whatever your requirements, and whatever volume you need to achieve, CRL has the cutting table options to satisfy your current and future needs. Visit **crlaurence.com/glass-machinery** for more information.

CRL GLASS CUTTING TOOLS

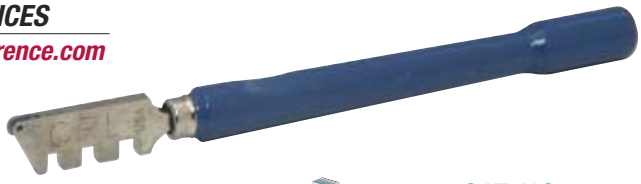
go to:
crlaurence.com/**glass-cutters**

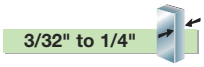
CRL Wood Handle Glass Cutter

MORE CHOICES crlaurence.com

- Straight Cutting Head for General Purpose Cutting
- Individually Sleeved
- 122 Degree Hone Angle







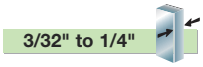
CAT. NO. 022
Minimum order is 1 dozen
(Not Available in Australia)

CRL Diamantor® Wood Handle Glass Cutter

- Straight Cutting Head for General Purpose Cutting
- Individually Sleeved
- 130 Degree Hone Angle







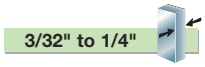
CAT. NO. 2001
Minimum order is 1 dozen
(Not Available in Australia)

CRL Metal Handle Ball End Glass Cutter

- Straight Cutting Head for General Purpose Cutting
- Precision Machined Steel Wheel
- Individually Sleeved
- 120 Degree Hone Angle







CAT. NO. 202
Minimum order is 1 dozen

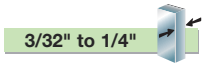
CRL Fletcher® Gold Tip® Glass Cutters

- Straight Cutting Head for General Purpose Cutting
- Individually Sleeved
- 120 Degree Hone Angle

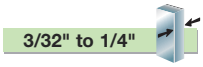




CAT. NO. 02
Ball End
Minimum order is 1 dozen



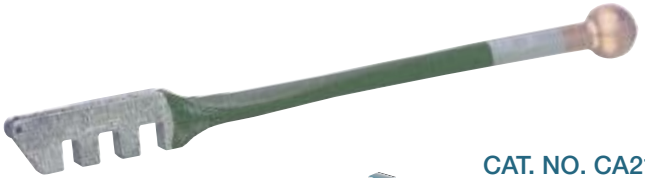
CAT. NO. 01
Straight End
Minimum order is 1 dozen

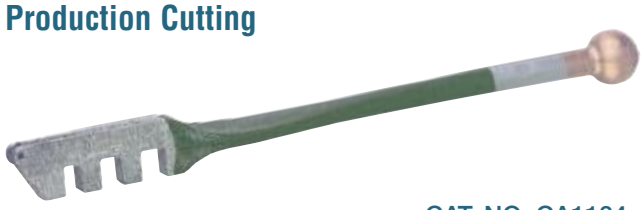


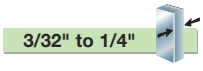
CAT. NO. 2101006
Ball End
Minimum order is 1 each

CRL Fletcher® Carbide Wheel Gold Tip® Glass Cutters

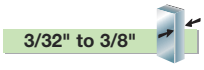
- The Gold Standard of Dry Cutters
- Designed for High Production Cutting







CAT. NO. CA2124
124 Degree Hone Angle
General Purpose
Minimum order is 1 each



CAT. NO. CA1134
134 Degree Hone Angle
Thick, Float Glass
Minimum order is 1 each

Diamantor is a registered trademark of Bohle AG
Fletcher and Gold Tip are registered trademarks of The Fletcher-Terry Company, LLC.

CRL GLASS CUTTING TOOLS

go to:
crlaurence.com/**glass-cutters**

CRL Fletcher® Hard, Foreign, and Cathedral Glass Cutter

- Blue Band on Handle
- 114 Degree Hone Angle

MORE CHOICES crlaurence.com



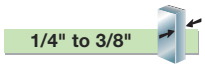


CAT. NO. 07
Minimum order is 1 pack
10 Cutters per pack

CRL Fletcher® 1/4" and Thicker Float Glass Cutter

- Classic Ball End Handle
- 130 Degree Hone Angle
- Handle Stamped "02A"





CAT. NO. 02F
Minimum order is 1 dozen

CRL Heavy-Duty 6 Wheel Glass Cutter

- Best Selling Glass Cutter in Europe
- Six High Grade Carbide Alloy Wheels
- 126 Degree Hone Angle





CAT. NO. T101
6 Wheel Replacement
Cutter Turret
Minimum order is 1 each



CAT. NO. G100
Minimum order is 1 dozen
(Not Available in Australia)

CRL TOYO "Dry Wheel" Supercutters

TOYO Supercutter® Series

- Interchangeable Heads
- Long-Lasting TOYO Carbide Wheels
- Not Self-Oiling
- 140 Degree Hone Angle



CAT. NO. TC22
With Pattern Head
Minimum order is 1 each



CAT. NO. TC22H
Pattern Narrow Head
Minimum order is 1 each



CAT. NO. TC20H
Straight Wide Head
Minimum order is 1 each



CAT. NO. TC20
With Straight Head
Minimum order is 1 each

CRL Replacement Cutter Turrets



- Fit a Wide Range of CRL Cutting Tools
- Six 134 Degree Tungsten Carbide Wheels
- High Quality and Long Life

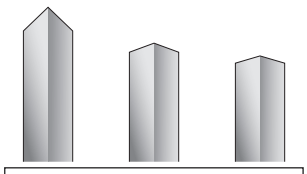




CAT. NO. T101
Minimum order is 1 each

CRL Replacement Cutting Wheels

- Tungsten Carbide
- Precision Machined
- Three Available Hone Angles



- Replacement Wheels for T101 Turret



CAT. NO.	HONE ANGLE	PACKAGE
LW20	124 Degree	1 Dozen
LW21	134 Degree	1 Dozen
LW22	154 Degree	1 Dozen

Minimum order: 1 dozen.

Fletcher is a registered trademark of The Fletcher-Terry Company, LLC.

CRL Oil-Type Glass Cutters

- Brass or Plastic Handle
- Self-Oiling



CAT. NO. S1050
Brass Handle
Oil Glass Cutter



CAT. NO. P1050D
Plastic Handle
Oil Glass Cutter



CAT. NO. 41050
Straight Cutting Head



CAT. NO. 41050D
Pattern Cutting Head



CAT. NO. 41050R
Cutting Head for 1/2"
to 1" (12 to 25 mm)

OIL-TYPE GLASS CUTTERS

CAT. NO.	HANDLE	HEAD TYPE	HONE ANGLE
S1050	Brass	Straight Cutting	134 Degree
S1050D	Brass	Pattern Cutting	134 Degree
P1050	Plastic	Straight Cutting	134 Degree
P1050D	Plastic	Pattern Cutting	134 Degree

Minimum order: 1 each. Oil Type Glass Cutters can be combined for quantity pricing.

REPLACEMENT CUTTING HEADS

CAT. NO.	HEAD TYPE	HONE ANGLE
41050	Straight Cutting	134 Degree
41050D	Pattern Cutting	134 Degree
41050R	For 1/2" to 1" (12 to 25 mm)	154 Degree

Minimum order: 1 each. These Cutting Heads are for CRL Glass Cutters only. Replacement Heads can be combined for quantity pricing.

CRL TOYO Original Supercutters



Tap Wheel™ on Select Models

- Brass or Plastic Handle
- Carbide Wheels
- Self-Oiling



CAT. NO. TC17B
Straight Cutting Head



CAT. NO. TC10P
Pattern Cutting Head

TOYO Supercutter® Series

Tap Wheel™ creates seven "taps" per revolution of the wheel for a cleaner and more consistent score.

CAT. NO.	HANDLE	HEAD TYPE	HONE ANGLE
TC10B	Brass	Pattern Cutting	140 Degree
TC17B	Brass	Straight Cutting	140 Degree
TC10P	Plastic	Pattern Cutting	140 Degree
TC17P	Plastic	Straight Cutting	140 Degree
TC17BV	Brass	Straight Cutting	140 Degree Tap Wheel™
TC17BBV	Brass	Straight Cutting	153 Degree Tap Wheel™

Minimum order: 1 each. Oil Type Glass Cutters can be combined for quantity pricing.

CRL TOYO Comfort-Grip Supercutters

MORE CHOICES crlaurence.com

TOYO Supercutter® Series

- Straight End Handle
- Self-Oiling
- Premium Quality



CAT. NO. TC1P
Pattern Cutting Head
Minimum order is 1 each

*Rainbow Color



CAT. NO. TC1PR*
Pattern Cutting Head
Minimum order is 1 each



CAT. NO. TC1S
Straight Cutting Head
Minimum order is 1 each



CAT. NO. TC1SR*
Straight Cutting Head
Minimum order is 1 each

CRL TOYO Supercutter Replacement Cutting Heads

TOYO Supercutter® Series

- Fits Original, Comfort-Grip, and Thomas-Grip Supercutters
- Available With Exclusive Tap Wheel™ Technology



Tap Wheel™ on Select Models



CAT. NO. TC10H
Pattern Cutting



CAT. NO. TC17H
Straight Cutting

CAT. NO.	HEAD TYPE	HONE ANGLE
TC10H	Pattern Cutting	140 Degree
TC600HV	Pattern Cutting	140 Degree Tap Wheel™
TC17H	Straight Cutting	140 Degree
TC17HV	Straight Cutting	140 Degree Tap Wheel™
TC600HPV	Pattern Cutting	153 Degree Tap Wheel™
TC600HS	Straight Cutting	153 Degree
TC600HSV	Straight Cutting	153 Degree Tap Wheel™

Minimum order: 1 each. These Cutting Heads do not fit TC21 Series Glass Cutters.

CRL Self-Oiling Glass Cutters

- Automatic Oil Dispensing System
- Made in U.S.A.



CAT. NO. 0GC3P
140 Degree Pattern Cutting Head
Minimum order is 1 each



CAT. NO. 0GC4S
140 Degree Straight Cutting Head
Minimum order is 1 each



CAT. NO. 0GC5H
154 Degree Head for Thick Glass
Minimum order is 1 each



CAT. NO. 03703
114 Degree Head for Thin Glass
Minimum order is 1 each



CAT. NO. 0GC1S
140 Degree Hone Angle
Straight Cutting Head
Minimum order is 1 each

CRL TP2800 Deluxe Brass Oil Cutter

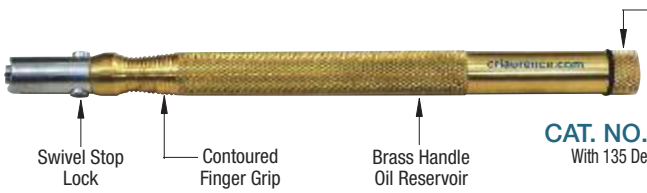
- 360 Degree Swivel Wheel Holders
- Tungsten Carbide Cutting Wheels
- Use for Pattern or Straight Cuts



CAT. NO. TP28SET
Set of All Four Cutter Heads



CAT. NO. TP039
Optional Transverse Handle



CAT. NO. TP2800
With 135 Degree Wheel

TP2800 DELUXE OIL CUTTER ACCESSORIES

CAT. NO.	HONE ANGLE	COLOR CODE	GLASS
TP2825	125 Degree	Green	3/32" to 1/4" (2 to 6 mm)
TP2835	135 Degree	Yellow	1/4" to 3/8" (6 to 10 mm)
TP2845	145 Degree	Red	1/4" to 5/8" (6 to 15 mm)
TP2855	155 Degree	Black	1/2" to 1" (12 to 25 mm)
TP28SET	Set of All Four Cutter Heads		3/32" to 1" (2 to 25 mm)
TP039	Optional Transverse Handle		

Minimum order: 1 each.

CRL Fletcher® Gold Tip® Designer II™ Glass Cutters

- The Premium Line From Fletcher-Terry, Makers of Glass Cutting Tools Since 1868
- Interchangeable Cutting Heads
- Contour Grip Handle

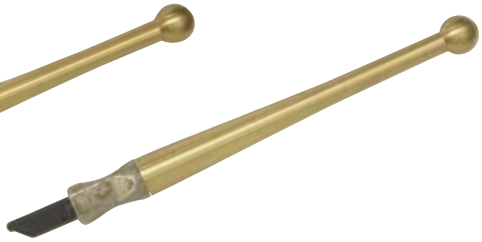
MORE CHOICES crlaurence.com



CAT. NO. 01711
Clear Plastic Contour Grip Handle, Pattern Cutting, 140 Degree Wheel, Narrow Head
Minimum order is 1 each



CAT. NO. 01712
Solid Brass Contour Grip Handle, Straight Edge Cutting, 140 Degree Wheel, Wide Head
Minimum order is 1 each



CAT. NO. 01713
Solid Brass Contour Grip Handle, Pattern Cutting, 140 Degree Wheel, Narrow Head
Minimum order is 1 each



CAT. NO. 03711
Replacement Tungsten Carbide Cutting Heads, Straight Edge Cutting, 140 Degree Wheel
Minimum order is 1 each



CAT. NO. 03713
Replacement Tungsten Carbide Cutting Heads, Thick Glass Cutting, 154 Degree Wheel
Minimum order is 1 each



CAT. NO. 03712
Replacement Tungsten Carbide Cutting Heads, Pattern Cutting, 140 Degree Wheel
Minimum order is 1 each

CRL TOYO Thomas-Grip Supercutters

TOYO Supercutter® Series

- Unique Grip for Precise Control and Reduced Strain
- Self-Oiling

See Page TE005 for TOYO Supercutter Replacement Cutting Heads.



CAT. NO. TC9SR
Straight Cutting Head
Minimum order is 1 each



CAT. NO. TC9PR
Pattern Cutting Head
Minimum order is 1 each

CRL TOYO Custom-Grip Supercutters

TOYO Supercutter® Series

- Adjustable Grip
- Improved Oil Control
- Tap Wheel™ Technology

Tap Wheel™



CAT. NO. TC21SVR

CAT. NO.	HONE ANGLE	DESCRIPTION
TC21SVR	140 Degree	Custom-Grip Supercutter with Straight Head
TC21PVR	140 Degree	Custom-Grip Supercutter with Pattern Head
TC21HSV	140 Degree	Replacement Straight Cutting Head
TC21HPV	140 Degree	Replacement Pattern Cutting Head
TC21HSVR	153 Degree	Thick Glass Cutting Head 3/8" to 1" (10 to 25 mm) Glass

Minimum order: 1 each. TC21 Heads fit TC21 Cutters only. Oil Type Glass Cutters can be combined for quantity pricing.



CAT. NO. TC21HSV
Straight Cutting Head



CAT. NO. TC21HPV
Pattern Cutting Head



CAT. NO. TC21HSVR
Thick Glass Straight Cutting Head

Fletcher and Gold Tip are registered trademarks of The Fletcher-Terry Company, LLC

CRL TOYO Pistol-Grip Supercutters

- Clear Polycarbonate Handle With Straight Head
- Rainbow Colored Handle With Pattern Head
- 140 Degree Hone Angle
- Self-Oiling

TOYO Supercutter® Series

Tap Wheel™ Technology



CAT. NO. TC600S
Clear Handle With 140 Degree Straight Head



CAT. NO. TC600PR
Rainbow Colored Handle With 140 Degree Pattern Head



CAT. NO. TC600PRV
Rainbow Colored Handle With 140 Degree Pattern Tap Wheel™ Head

Minimum order: 1 each. All Oil Glass Cutters can be combined for quantity pricing.

CRL TOYO Tap Wheel™ Thick Glass Supercutter

TOYO Supercutter® Series

Tap Wheel™ Technology

- Standard Wide Head or Optional Pattern Head
- Smooth Cutting Action for Glass Up to 1" (25 mm) Thick
- Automatic Self-Oiling Action



CAT. NO. TC600HPV
Pattern Head 153 Degree Replacement Thick Glass Cutter



CAT. NO. TC600SVB
Thick Glass Pistol Grip Oil Cutter With TC600HSV 153 Degree Cutter Head



CAT. NO. TC600HSV
Wide Head 153 Degree Replacement Thick Glass Cutter

Minimum order: 1 each. All Oil Glass Cutters can be combined for quantity pricing.

CRL Heavy-Duty Oil-Type Glass Cutters

- Molded Plastic Grip for Superior Control and Comfort
- Accepts Straight, Pattern, or Thick Glass Cutting Heads
- Self-Oiling Cutting Head



CAT. NO. 600P
Oil Glass Cutter With 134 Degree Pattern Cutting Head



CAT. NO. 600S
Oil Glass Cutter With 134 Degree Straight Cutting Head

Minimum order: 1 each. All Oil Glass Cutters can be combined for quantity pricing.

CRL Self-Oiling Glass Cutter

- Automatic Oil Dispensing System
- Accepts Four Interchangeable Cutting Heads



CAT. NO. 0GC2G
Heavy-Duty Self-Oiling Glass Cutter With 140 Degree Straight Head



CAT. NO. 0GC3P
140 Degree Pattern Cutting Head



CAT. NO. 0GC4S
140 Degree Straight Cutting Head



CAT. NO. 0GC5H
154 Degree Head for Thick Glass



CAT. NO. 03703
114 Degree Head for Thin Glass

Minimum order: 1 each. All Oil Glass Cutters can be combined for quantity pricing.

CRL Glass Chipping Tool

- Used to "Scallop" Glass Edges
- Adjustable for Chip Size
- Great for Tabletops!
- 1/8" to 3/4" (3 to 9 mm) Glass Thickness



CAT. NO. CT007
Glass Chipping Tool
Minimum order is one each

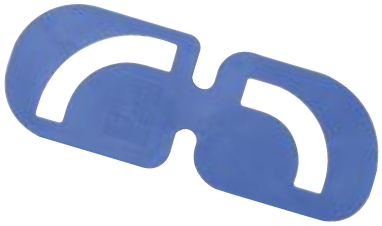


CAT. NO. CT007CP
Replacement Carbide Steel Chipping Point
Minimum order is one each

CRL Round Edge Template Guide

- Make Consistent Radius Corners Easier Than Ever
- Choose From 12 Radii (10 to 70 mm)
- Slip Resistant Pads

MORE CHOICES crlaurence.com



CAT. NO. RET12
Minimum order is one each

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CRL Fletcher® Heavy-Duty Glass Cutter

- Bio-Engineered Handle
- Extra Pressure Production Cutting
- Uses Steel or Carbide Wheels



See Chart Below For Replacement Wheels



CAT. NO. HDG15
Heavy-Duty Glass Cutter with F03129 154 Degree Carbide Wheel
Minimum order is one each

CRL Fletcher® Wheel Unit Assemblies

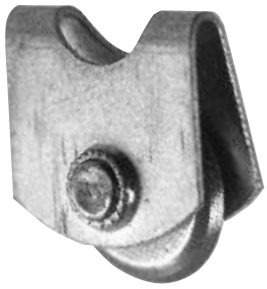
MORE INFORMATION crlaurence.com

- Steel or Carbide Wheels in Steel Shields

Designed to fit Cat. No. HDG15 Fletcher® Heavy-Duty Glass Cutters, 3000 and 8400 Series Cutting Machines, and CircleMate™ Cutters. Steel Wheel Units are sold in packages of 10, Carbide Wheel Units are sold individually.

STEEL WHEEL CAT. NO.	CARBIDE WHEEL CAT. NO.	HONE ANGLE	RECOMMENDED FOR
F02118	F03125	114 Degree	Hard Glass
F02120	--	120 Degree	General Purpose Use
--	F03126	124 Degree	General Purpose Use
--	F03111	134 Degree	Thicker Float and 1/4" (6 mm) Glass
--	F03129	154 Degree	Thick Glass

Minimum order for Steel Wheels: 1 package of 10. Minimum order for Carbide Wheels: 1 each.



7/32" (5.6 mm)

CRL Wheel Assemblies for CRL Stalter Strip Cutters

- Steel and Carbide Wheels
- Mounted in Metal 'T' Housing



CAT. NO.	MATERIAL	HOUSING	HONE ANGLE
35660022	Carbide	Red	114 Degree
2103224	Carbide	Yellow	124 Degree
35660026	Carbide	Green	134 Degree
35660027	Carbide	Blue	144 Degree
35660025	Steel	Gold	126 Degree

Minimum order: 1 each.



Cutting Heads on a CRL/Somaca Stalter Machine in action, cutting mirror strips

CRL Professional Glass Cutter Oil

- For Automatic or Hand-Held Glass Cutters
- Saves Money by Increasing the Life of the Cutter Wheel
- No Mixing - Ready to Use
- Easy Clean-Up

MSDS ONLINE



CAT. NO.	CONTENTS
W410QT	1 Quart (945 ml)
W410GL	1 Gallon (3.78 l)
W4105GL	5 Gallons (18.92 l)

Minimum order: 1 each.

CRL Evaporating Glass Cutting Oil

- 100% Evaporation Within One Hour When Exposed to Air
- Lubricant for Cutting Heads
- Leaves No Residue

MSDS ONLINE

NO AIR FREIGHT



CAT. NO.	CONTENTS
V024	1.1 Gallon (4 kg)
V020	5.3 Gallons (20 l)

Minimum order: 1 each.

Fletcher is a registered trademark of The Fletcher-Terry Company, LLC

CRL Glass Slicker

- Deposits Thin Film of Lubricant on Glass



Our Glass Slicker is an innovative and inexpensive way to increase productivity and prolong cutter life. By drawing the Glass Slicker along the straight edge, the glass is wiped clean. At the same time, a thin film of oil is deposited on the glass. This helps to prevent "hot cuts" and skips resulting in a cleaner, smoother cut and break. The Glass Slicker can be filled with CRL W410 Cutting Oil (see page TE008). Minimum order is one each.

CAT. NO. GLS1

CRL Cutter Oiling Stand

- Vacuum Cup Base Holds Firm to Glass
- Keeps Cutter Wheel Oiled Between Cuts



The handy CRL Cutter Oiling Stand holds your cutter until you need it. Just place a few drops of cutting oil in the base and your cutter is always lubricated and ready to cut. A vacuum base holds the stand in place. Use with CRL W410 Glass Cutting Oil (see page TE008) for best results. Minimum order is one each.

CAT. NO. 0CS671

CRL Glass Chip Brush

- Safe and Effective Way to Clean Up Glass Chips and Splinters



The glass splinters on cutting tables can not only cause scratches on the next glass pane you want to cut, but you also risk getting them stuck in your hands. The solution is the CRL Glass Chip Brush. You brush over the cutting table's surface and the little mechanical roller-brush collects splinters inside the plastic body. The body can then be opened and the glass chips thrown into the waste bin. This is an indispensable little helper for ensuring a proper work area. Minimum order is one each.

CAT. NO. TG070

CRL Glass Tapper

MORE CHOICES crlaurence.com

- Soft, Solid Brass Ball End
- High-Grade Hickory Handle



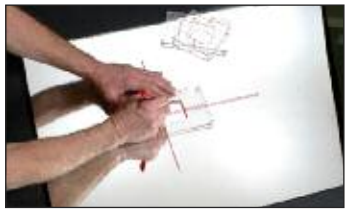
This is a perfectly balanced tool for starting a "run" of scored glass. The CRL Glass Tapper is a 3/4" (19 mm) solid brass ball attached to a long brass ferrule. This ferrule is then bonded onto a high-grade hickory handle resulting in a 9" (229 mm) tapper. **NOTE:** Not available in Australia. Minimum order is one each.

CAT. NO. GT366

CRL Quick Draw Mirror Outlet Cut-Out Templates

- Reduces Layout Time and Increases Accuracy

These clear, high-impact acrylic templates were designed to simplify drilling cut-outs in glass and mirror. The non-skid bumpers adhered on the underside prevent slippage and scratches. The hole in the corner lets you hang the templates in a convenient location near the cutting table. Select one of the three templates in the set when drilling for switch, duplex, T.V. cable, telephone cable, thermostat, and more. Minimum order is one set.



Three Templates for Drawing Six Cut-Outs

- 2" Hole
- Double Cut-Outs
- Single Cut-Outs
- 3" Hole
- Triple Cut-Outs
- Quad Cut-Outs



CAT. NO. QD1

CRL Production Oil T-Cutters

- The Fastest Way to Manually Make Repeat Cuts
- The Smoothest-Running, Fastest-Cutting, Easiest-to-Use Production Glass Cutters on the Market
- Available in 12", 24", 48", and 72" (305, 610, 1219, and 1829 mm) Models
- Features Large Capacity Oil-Feed Cutting Head

MORE INFORMATION crlaurence.com



PRODUCTION OIL T-CUTTERS

CAT. NO.	SIZE
PTC12	1-1/2" to 12" (38 to 305 mm)
PTC24	2-1/2" to 24" (63 to 610 mm)
PTC48	7" to 48" (178 to 1219 mm)
PTC72	16" to 72" (406 to 1829 mm)

Minimum order: 1 each.



CAT. NO. EC1901
Replacement Oil Holder and Cutting Head for Newer Models With the 8-Sided Bar



CAT. NO. EC1902
Replacement Cutting Head



CAT. NO. PTC1903
Roller and Housing for all PTC Cutters

CRL Production Speed Cutters

- Truly Makes Cutting Glass a One Man Operation
- Saves Manpower – and That Saves You Money

MORE CHOICES crlaurence.com



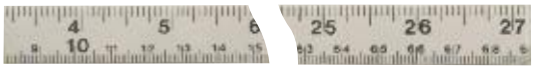


CAT. NO. PSC200
Min. Width 3" (76 mm)
Max. Width 27" (686 mm)

CAT. NO. PSC400
Min. Width 11.5" (292 mm)
Max. Width 50.5" (1282 mm)

CAT. NO. PSC600
Min. Width 43" (1092 mm)
Max. Width 74" (1880 mm)

- Three Sizes



REPLACEMENT SELF-ADHESIVE MEASURING TAPES

CAT. NO.	DESCRIPTION
PSCT20	Replacement Tape for PSC200
PSCT40	Replacement Tape for PSC400
PSCT60	Replacement Tape for PSC600

Minimum order: 1 each.



CAT. NO. PSCH10
Complete Cutting Head With Turret



CAT. NO. T101
Turret Only With Six Wheels



CAT. NO. PSCR5
Edge Guide Roller and Housing

CRL Self-Oiling Cutting Head

- Convert Your Production Speed Cutter to Self-Oiling
- Replaceable Cutting Heads
- Supplied With 140 Degree Cutting Wheel
- Glass Reinforced Nylon Body
- Fits Square or Six-Sided Bars



CAT. NO.	DESCRIPTION
G0059	Self-Oiling Cutting Head Complete
TC17H	Replacement 140 Degree Head
TC600HS	Replacement 153 Degree Head

Minimum order: 1 each.

CRL Lens Cutter Circle Machine

- Makes Small Diameter Cut Circles From 1/2" to 5" (12 to 127 mm)
- Replaceable Three Wheel Turret



Lens Cutter Circle Cutter Machine



3-Wheel Turret

CAT. NO.	DESCRIPTION	CIRCLE DIAMETERS
32	Lens Cutter Circle Machine	1/2" to 5" (12 to 127 mm)
GRS32	Replacement Arm and 3-Wheel Turret	--
3T	Replacement 3-Wheel Turret	--

Minimum order: 1 each.

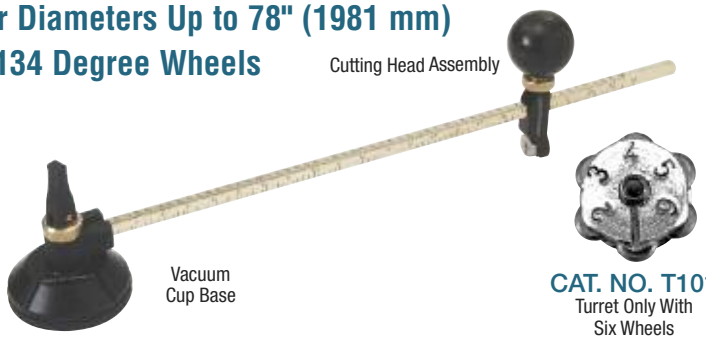
CRL Precision Circle Cutters

MORE CHOICES crlaurence.com

- Our Most Popular Circle Cutters
- Precision Action Cutting Wheels
- Vacuum Cup Base
- Models for Diameters Up to 78" (1981 mm)
- Standard 134 Degree Wheels

CAT. NO.	DESCRIPTION
511CC	2-1/2" to 24" (64 to 610 mm)
512CC	2-1/2" to 32" (64 to 813 mm)
514CC	2-1/2" to 48" (64 to 1219 mm)
516CC	2-1/2" to 78" (64 to 1981 mm)
5181	Cutting Head Assembly

Minimum order: 1 each.



CAT. NO. T101
Turret Only With
Six Wheels

CRL Fletcher® CircleMate™ II Circle Cutters

- Professional Quality Circle Cutters
- Cuts Circles Up to 28" (711 mm)
- Cuts Strips Up to 12" (305 mm)





CAT. NO. F02613
Three Wheel Turret
(10 Per Pack)

CRL Self-Oiling Circle and Oval Cutters

MORE INFORMATION crlaurence.com

- Our Best Circle and Oval Cutter
- Cut Circles and Ovals From 6-3/8" to 55" (160 to 1400 mm)
- Optional Extension Kit Expands Cutting Range to 90-1/2" (2300 mm)

CAT. NO.	DESCRIPTION
1550CC	Circle and Oval Cutter
1550EXT	90-1/2" (2300 mm) Extension Kit
155055	155 Degree Wheel Holder

Minimum order: 1 each.



CRL Fletcher® Glass, Plastic, and Matboard Cutting Machine

- Unique Triple-Turret Cutting Assembly Allows Switching Between Materials With Only One Quick Turn
- Cuts Glass, Plastic, Plexiglass, and Matboard Up to 1/4" (6 mm) Thick

CAT. NO.	DESCRIPTION
F04711	48" (1219 mm) Cutting Machine
F04712	60" (1524 mm) Cutting Machine
F02120	120 Degree Steel Wheels (10/pkg)
F03126	124 Degree Carbide Wheel (1/pkg)
APB121	Plastic Cutting Blades (10/pkg)
F05001	Mat Cutting Blades (10/pkg)
F24106	Replacement Handle Bushing
F04112	Replacement Measuring Stop

Minimum order: 1 each on the Cutting Machines, Measuring Stop, and Carbide Wheels, and 1 pack on the Steel Wheels and Blades. All Steel Cutter Wheels and Blades can be combined in pack quantities for quantity pricing. All Carbide Wheels can be combined for quantity pricing. Additional parts available on request.

Includes:
- Instruction DVD
- Detailed Owner's Manual
- 10 Foamboard/Cardboard Blades
- 10 Acrylic Blades
- 10 Glass Wheel Units





Cutting Turret equipped with three different blades for versatile cutting/scoring.

Fletcher is a registered trademark of The Fletcher-Terry Company, LLC

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

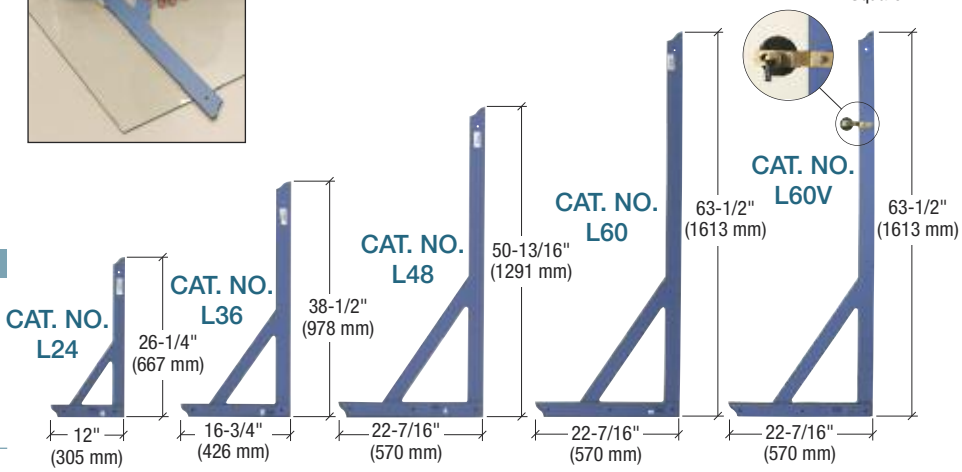
CRL Phenolic L-Squares

- Made of Durable, Non-Warping, 1/4" (6 mm) High-Impact Phenolic
- Three Piece Construction for Strength and Durability
- Available in Four Sizes
- Factory Calibrated for Accuracy



MORE CHOICES crlaurence.com

Built-In Suction Cup Helps Stabilize L-Square



CAT. NO.	LENGTH
L24	26-1/4" (667 mm)
L36	38-1/2" (978 mm)
L48	50-13/16" (1291 mm)
L60	63-1/2" (1613 mm)
L60V	63-1/2" (1613 mm) With Suction Cup
LSQBRNUT	Replacement Nut and Screw

Minimum order: 1 each. Sizes can be combined for quantity pricing.

CRL Mini L-Square

- Ideal for Mirror Squares, Floor Tiles, or Picture Frame Glass
- Made From High-Impact Plastic So it Won't Scratch the Glass

The CRL Mini L-Square is ideal for cutting small pieces of glass, mirror, or floor tiles. It is made from a tough non-abrasive material which will not scratch the glass. Minimum order is one each.

MORE INFORMATION crlaurence.com

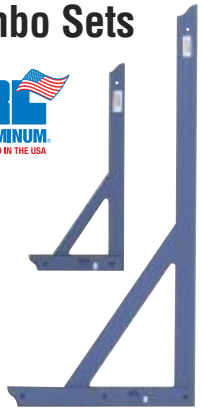


CAT. NO. L12

CRL Phenolic L-Square Combo Sets

- Includes Two L-Squares
- Choose From 48" and 24" (1219 and 610 mm) or 60" and 24" (1524 and 610 mm) Sets

Keep one L-Square in the shop and take one with you to the job.



CAT. NO.	SET CONTAINS
L4824C	48" and 24" (1219 and 610 mm) L-Squares
L6024C	60" and 24" (1524 and 610 mm) L-Squares

Minimum order: 1 each.

CRL Solo One-Handed "G" Clamp

- Excellent Clamps for Holding Glass Tight During Insulating Glass Sealing
- Ideal for Holding Straight Edges and L Squares
- Maximum Jaw Opening is 4" (102 mm)

The CRL Solo "G" Clamp has a patented design for use with only one hand. This Clamp is ideal for use in clamping glass for making insulating glass units, also great for holding any material for gluing, sawing, or drilling. Minimum order is one each.





CAT. NO. 71004P

CRL Deluxe Spring Clamps

- Vinyl Coated Grips and Tips



CAT. NO.	MAX. JAW OPENING	SIZE
JC3201HT	1" (25 mm)	4" (102 mm)
JC3202HT	2" (51 mm)	6" (152 mm)
JC3203HT	3" (76 mm)	9" (228 mm)

Minimum order: 1 each. Sizes can be combined for quantity pricing.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL Phenolic Straight Edges

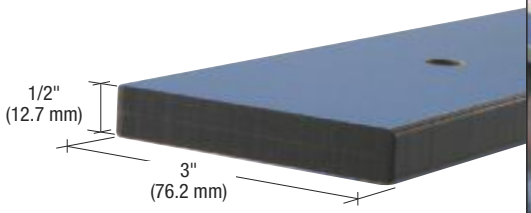
- Phenolic Straight Edges Won't Warp Like Wood, and Are Built to Last
- Available in Five Lengths

MANUFACTURED IN THE USA

MORE CHOICES crlaurence.com

CAT. NO.	LENGTH
SEP48	48" (1219 mm)
SEP72	72" (1829 mm)
SEP96	96" (2438 mm)
SEP120*	120" (3048 mm)
SEP144*	144" (3658 mm)

Minimum order: 1 each. Can be combined with all other rulers and squares for quantity pricing, except L-Square Combo Sets.
*Over UPS size limits. Must ship common carrier.



NOTE: To prevent distortion always store your Straight Edges in a flat position, not leaning against a vertical surface.



CRL Phenolic Straight Edges With Suction Cups

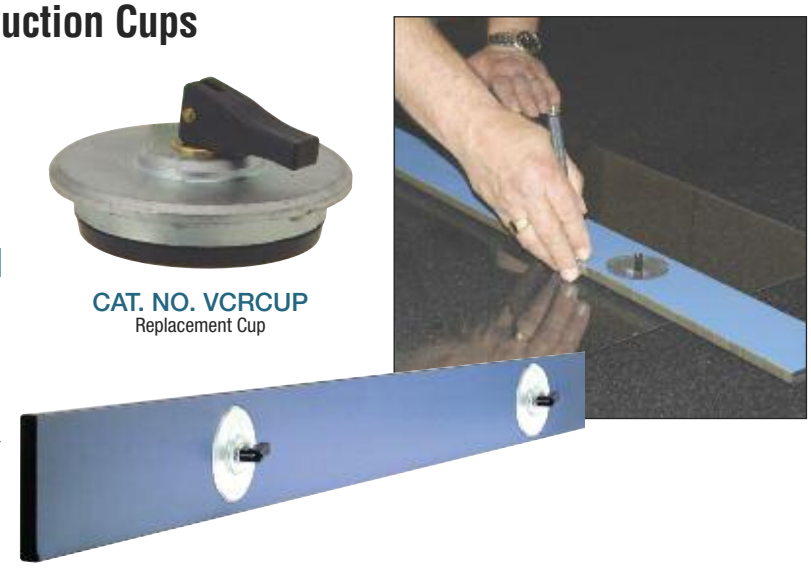
- Holds Securely to Glass Better Than Ever
- Available in Five Lengths

CAT. NO.	NO. OF CUPS	LENGTH
VCR48	2	48" (1219 mm)
VCR72	3	72" (1829 mm)
VCR96	3	96" (2438 mm)
VCR120*	4	120" (3048 mm)
VCR144*	5	144" (3658 mm)
VCRCUP	–	Replacement Suction Cup

Minimum order: 1 each. Can be combined with all other rulers and squares for quantity pricing, except L-Square Combo Sets. *Over UPS size limits. Must ship common carrier.

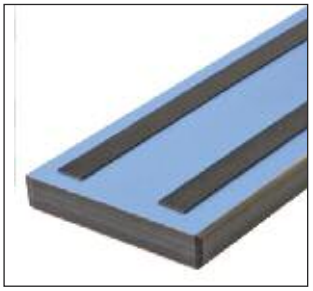
NOTE: To prevent distortion always store your Straight Edges in a flat position, not leaning against a vertical surface.

CAT. NO. VCRCUP
Replacement Cup



CRL Grip Strip for Straight Edges and L-Squares

- Self Adhesive Black Tape Grips Glass But Does Not Stick to It
- 1/2" x 25' (12.7 mm x 7.6 m) Roll





CAT. NO. GG1225
Minimum order is one roll

CRL Glazier's Rule Holder

- Reduces Straight Edge Slip
- 2" (51 mm) Diameter
- Use for Cutting or Marking
- Adjustable Stop
- Replacement Suction Cups Available





CAT. NO.	DESCRIPTION
RH670	Glazier's Rule Holder
5195	Replacement Suction Cup

Minimum order: 1 each.

CRL Yellow Glass Marking Pencil

- Our Most Popular Marking Pencil
- Bright, Stand-Out Yellow Color



CAT. NO.	COLOR	QTY/BOX
GM44	Yellow	12

Minimum order: 1 each. **NOTE:** Not available in Australia.

CRL Stabilo® Glass Marking Pencils

- Excellent for Writing on Smooth Surfaces



CAT. NO.	COLOR	QTY/BOX
8040	Red	12
8044	Yellow	12
8046	Black	12

Minimum order: 1 each. Colors can be combined for quantity pricing. **NOTE:** Not available in Australia.

CRL Stabilo® Marking Pens

- Quick-Drying Permanent Ink





CAT. NO.	COLOR	QTY/BOX
76P40	Red	10
76P46	Black	10

Minimum order: 1 each. Colors can be combined for quantity pricing.

CRL Dixon® Felt Tip Markers

- Instant Drying, Long Lasting



CAT. NO.	COLOR	QTY/BOX
DX8711	Red	12
DX8717	Black	12

Minimum order: 1 each. Colors can be combined for quantity pricing.

CRL Dixon® China Markers

- Pull String to Sharpen

MORE CHOICES
crlaurence.com



CAT. NO.	COLOR	QTY/BOX
DX71	Red	12
DX73	Yellow	12
DX81	Black	12

Minimum order: 1 dozen. Colors can be combined for quantity pricing.

CRL Listo® Marking Pencils

- Writes on Glossy Surfaces



CAT. NO.	COLOR	DESCRIPTION	QTY/BOX
MP1	Black	Pencil	12
MP2	Red	Pencil	12
MPL11	Black	Refill Leads	72
MPL12	Red	Refill Leads	72

Minimum order for pencils: 1 each. Minimum order for leads: 1 box. Can be combined for quantity pricing.

CRL Sharpie® Fine Point Blue Pen

- Quick-Drying Permanent Ink



CAT. NO. 2113338
Minimum order is one each

CRL Touch-Up Markers

- Cover Scratches On Metal



CAT. NO. TUM8
Medium Bronze
Minimum order is one each

CAT. NO. TUM9
Black
Minimum order is one each

CRL Diamond Scribing Tool

- Ideal for Intricate Designs on Glass



CAT. NO. DS67
Minimum order is one each

CRL Carbide Point Scriber and Marker

- Tungsten Carbide Tip, Will Mark Steel, Aluminum, Stainless Steel, Copper, Ceramics, and Glass



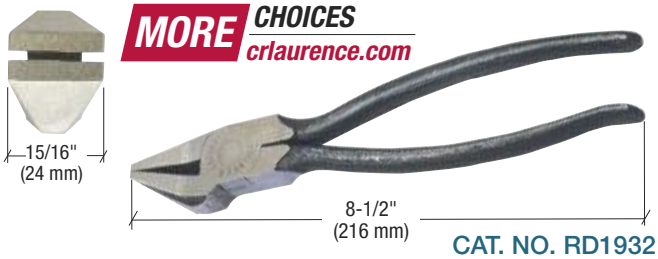
CAT. NO. G88
Carbide Scriber
Minimum order is one each

CAT. NO. G88P
Replacement Scriber Point
Minimum order is one each

Listo is a registered trademark of Listo Pencil Corporation.
Sharpie is a registered trademark of Sanford, L.P.
Stabilo is a registered trademark of Schwan-STABILO Schwanhaeusser GmbH & Co. KG LLC.
Dixon and Redimark are registered trademarks of Dixon Ticonderoga Company.

CRL Drop Jaw Glass Pliers

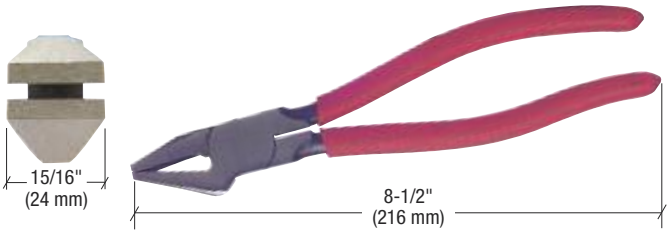
- Excellent Forged Steel Pliers for Glass Up to 1/2" (12 mm) in Thickness



CAT. NO. RD1932
Minimum order is one each

CRL Drop Jaw Glass Pliers

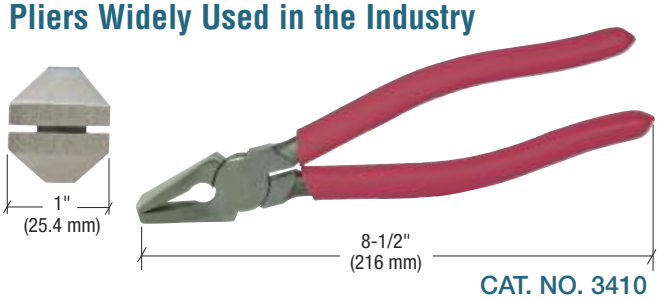
- Heavy-Duty All Steel Construction
- 1/2" (12 mm) Maximum Glass Thickess



CAT. NO. 3210
Minimum order is one each

CRL Flare Jaw Glass Pliers

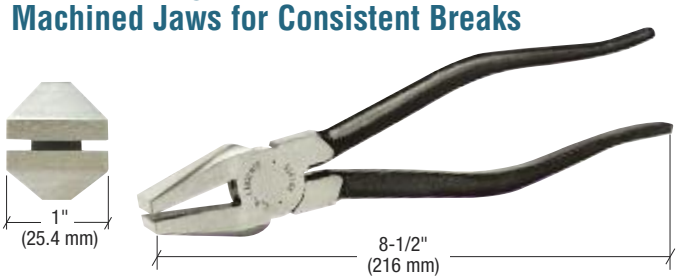
- High-Quality, General Glazing Pliers Widely Used in the Industry



CAT. NO. 3410
Minimum order is one each

CRL Flare Jaw Glass Pliers

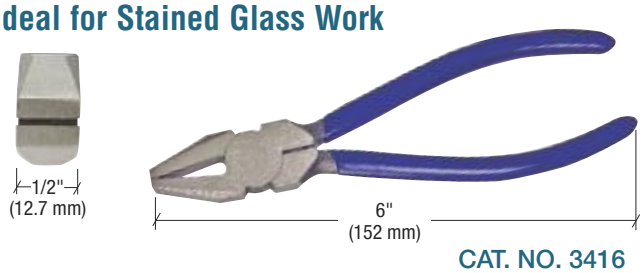
- Excellent Forged Steel Pliers With Machined Jaws for Consistent Breaks



CAT. NO. RD1935
Minimum order is one each

CRL Straight Jaw Glass Pliers

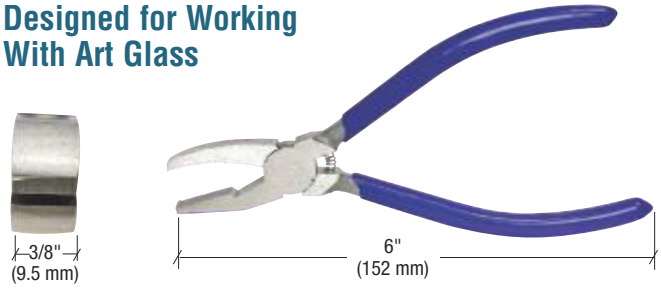
- Compact Design is Easy to Carry
- Ideal for Stained Glass Work



CAT. NO. 3416
Minimum order is one each

CRL Soft Nose Glass Pliers

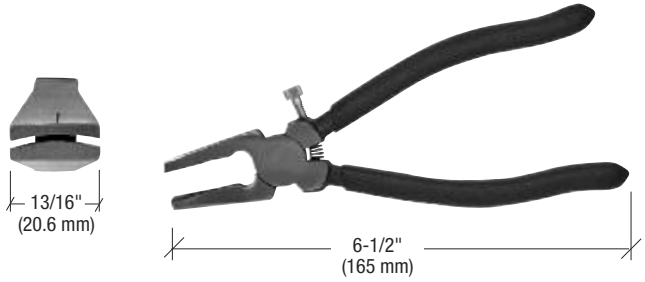
- Designed for Working With Art Glass



CAT. NO. GC6
Minimum order is one each

CRL 6-1/2" Glass Running Pliers

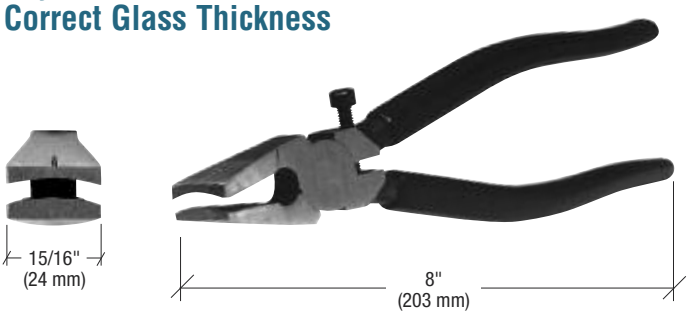
- Adjustment Screw Allows for Fine Adjustment According to Various Glass Thicknesses



CAT. NO. RP612
Minimum order is one each

CRL 8" Glass Running Pliers

- Adjustment Screw to Set for Correct Glass Thickness



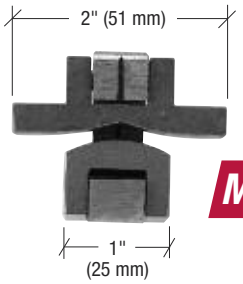
CAT. NO. 3610
Minimum order is one each

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

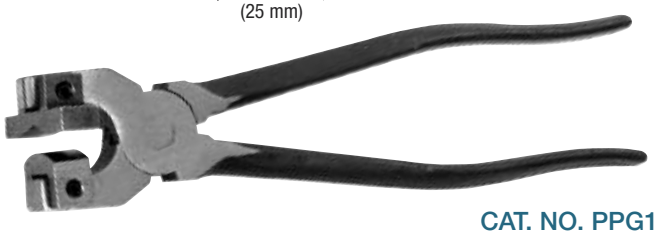
CRL PPG® Glass Running Pliers

- Self-Aligning "Floating Block" Jaws Stay Parallel to Glass
- For Use With Glass or Mirror Up to 1/2" (12 mm) Thick
- Made in the U.S.A.

CRL PPG® Glass Running Pliers have unique "floating block" jaws that are self-aligning to keep them perpendicular to the glass at all times. This eliminates any "flares" caused by conventional pliers. Excellent for long cuts, as well as specialty cuts for mail slots, corner notches, and speak tube holes. These quality Pliers for the professional glazier are made in the U.S.A. Overall length is 9-1/2" (241 mm). Minimum order is one each.



MORE CHOICES crlaurence.com



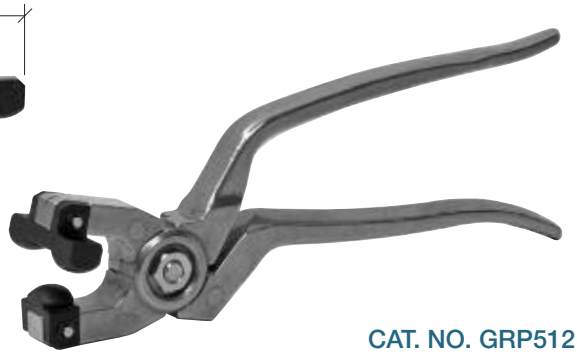
CAT. NO. PPG1

CRL Glass Running Pliers

- Lightweight Aluminum
- Plastic Jaws Won't Chip Glass

Finally, a set of Glass Running Pliers that is both lightweight and durable. The high-density plastic jaws will not chip or mar your glass like steel jaw pliers. Runs score lines in glass and mirror from 1/8" to 3/8" (3 to 10 mm) thick. They fit easily in a cutter pouch or in your pocket, and are light enough to carry around all day. Built to last, they will never rust. Overall length is 8-1/2" (216 mm). Minimum order is one each.



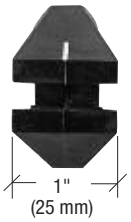


CAT. NO. GRP512

CRL Lightweight Glass Running and Nipping Pliers

- Made From Strong, Lightweight Plastic
- Provides Excellent Leverage for Clean Breaks

These CRL Lightweight Glass Running and Nipping Pliers are engineered from a very strong, very durable plastic, and are sure to give you years of service. Choose from the compact, easy to carry 6" (152 mm) size, or the added leverage of the 8" (203 mm) version. Both feature snap in replaceable jaws, one set for running and one for nipping. Maximum glass thickness for these Pliers is 1/4" (6 mm), which makes them ideal for a glazier's workshop. Minimum order on the Pliers is one each; the Replacement Jaw Inserts are sold per set.





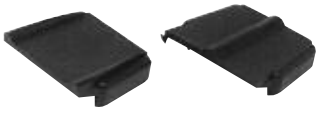
CAT. NO. 189
8" (203 mm) Glass Running and Nipping Pliers





CAT. NO. 169
6" (152 mm) Glass Running and Nipping Pliers

- Replaceable Jaw Sets



Plastic Jaw Set for Glass Running
Two Per Set



Metal Jaw Set for Glass Nipping
Two Per Set

REPLACEMENT JAW SETS

CAT. NO.	DESCRIPTION
189NJ	Nipping Jaw Set for 189 Pliers
189RJ	Running Jaw Set for 189 Pliers
169RJ	Running Jaw Set for 169 Pliers

Minimum order: 1 set.

PPG is a registered trademark of PPG Industries Ohio, Inc.

CRL Thick Glass Breaking Pliers

- For Glass Up to 1" (25 mm) Thick
- Simple to Operate

These Thick Glass Breaking Pliers are indispensable for running score lines in all heavy plate glass. The compound action handle allows for precise application of pressure. Minimum order is one each.



MORE INFORMATION crlaurence.com

CAT. NO. TP7020

CRL Thick Glass Cut Opening Tapper





- For Glass Up to 3/4" (19 mm) Thick

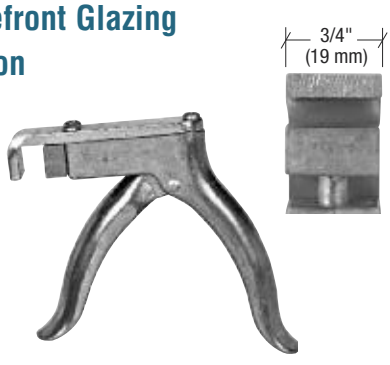
The CRL Thick Glass Cut Opening Tapper operates on a spring driven bolt principle. This unique glass working tool opens and runs score lines in glass from 3/8" to 3/4" (10 to 19 mm) thick. The CRL TP710 features an industrial steel body that has a chemically applied nickel coating. The internal spring mechanism adjusts to regulate the tapping force from very light for thinner glass to a powerful punch for thick plate glass up to 3/4" (19 mm). Minimum order is one each.

CAT. NO. TP710

CRL Offset Glass Pliers

- Used to Trim Plate Glass in Hard to Reach Places
- Very Useful in Storefront Glazing
- All Steel Construction

CRL Offset Glass Pliers reach places that ordinary pliers cannot, a real time saver when working close to ceilings and awnings. Designed for 3/32" to 7/16" (2 to 11 mm) thick plate glass. Minimum order is one each.



CAT. NO. 1050

CRL Fletcher® Thick Glass Breaker Tool

- Adjustable Anvils to Break Glass Up to 1" (25 mm) Thick
- Includes 148 Degree Carbide Cutter



CAT. NO. CAB
Replacement Carbide Wheel Glass Cutter



CAT. NO. BR1
Glass Breaker Tool with Carbide Wheel Glass Cutter

Minimum order is one each

CRL Mirror Hole Nibbler

- Removes Small, Uneven Pieces of Mirror or Glass From Holes or Cut-Outs



The CRL Mirror Hole Nibbler is the perfect tool for removing pieces of mirror or glass to properly align your mirror cover plate installation. This 5-3/4" (146 mm) tool is a must if you have custom mirror plate projects. Minimum order is one each.



CAT. NO. MN1750

CRL Freez-It Spray Propellant

- Freeze Glass to Run Scored Circles in Glass
- Environmentally Safe Propellant





Works on basic scientific principles that cold objects contract. When the center contracts it creates a true run around the circle. Small circles can be sprayed in the middle, larger circles should be sprayed 1" (25 mm) inside score line. As it runs, follow it with the Freez-It Spray propellant until the run is complete. 7 ounce (198 g) cans. Minimum order is one each.



CAT. NO. FNB8

Fletcher is a registered trademark of The Fletcher-Terry Company, LLC.

CRL Fletcher® Heavy-Duty Plastic Cutter



CAT. NO. HDP11
Minimum order is one each

- Bio-Engineered for Production Cutting Comfort
- Design Delivers 55% More Pressure Power
- Solid 13 oz (363 g) Metal Body
- Exclusive Replaceable Blades



CAT. NO. APB12
Short Replacement Plastic Cutting Blade 10 Per Pack.
Minimum order is one pack



CAT. NO. APB121
Long Replacement Plastic Cutting Blade 10 Per Pack.
Minimum order is one pack



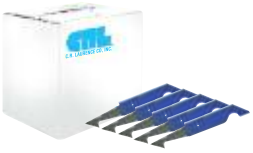
CAT. NO. BC11
Blade Retaining Clip for the HDP11
Minimum order is one each

CRL Plastic-Plus Cutting Tool



CAT. NO. KS20
Plastic-Plus Cutting Tool, Carded.
Minimum order is one each

- Safe and Easy to Use
- Available Carded or in Bulk (Cat. No. KS20B)
- Also Used to Cut Vinyl Floor Tile, Thin Copper, Brass, and Aluminum
- Hardened Steel Blade Can Be Resharpened

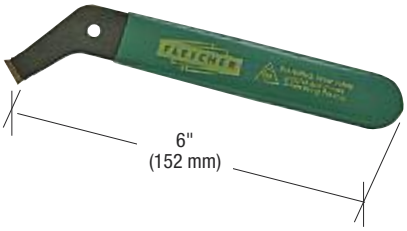


CAT. NO. KS20B
Plastic-Plus Cutting Tool, Bulk Box of 50.
Minimum order is 50 each



Blade Folds Into Handle

CRL Fletcher® Double Edge Plastic Cutter



- Made From the Highest Quality Steel Available
- Precision Ground Cutting Edge
- Individually Carded



CAT. NO. HPC22
Minimum order is one each

CRL Red Devil® Plastic Cutter



- Lightweight and Tough
- Ergonomic Handle
- Cuts Acrylic, Styrene, Plexiglass, and More
- Individually Carded



CAT. NO. 1170
Minimum order is one each

CRL Heavy-Duty Plastic Cutting Hook-End Blades

- Packages of 10 or 100 Double-End Hook Blades
- Fits All Standard Utility Knives



CAT. NO.	DESCRIPTION
1996X10	10 Blade Package
1996C	100 Blade Package

Minimum order: 1 pack.

CRL Plastic Cutter Knife

- Cuts .100" (2.5 mm) and .125" (3.2 mm) Thick Plastic

MORE CHOICES crlaurence.com



CAT. NO. P800
Minimum order is one each. May be combined with other utility knives for quantity pricing.



CAT. NO. PB800
3 Plastic Cutter Blades

Fletcher is a registered trademark of The Fletcher-Terry Company, LLC.
Red Devil is a registered trademark of Red Devil, Inc.

CRL is Your Source for Glass Drilling Tools and Accessories

Making a hole in glass is a delicate process, and only by using the right tools can the outcome be successful. C.R. Laurence has spent years perfecting this process by gathering machines and drill bits from makers worldwide, thoroughly testing them, and refining the methods. This experience allows us to offer the modern glazier the best of these tools available, and to bring you choices dependant on the types of holes to be produced, the number of holes required, and price points. We offer a full selection through our web site at **crlaurence.com/glass-drilling**.

MORE INFORMATION crlaurence.com

CRL Drilling Machines

- **The Largest Selection With the Widest Range of Features**
- **Designed With the Modern Glazier in Mind**

C.R. Laurence offers one of the largest selections of fixed and portable glass drilling machines on the market. Many are equipped with features such as variable speed motors and vacuum cup bases, and are compatible with several different types of drills such as diamond core or small diameter carbide. These machines have been designed with the modern glazier in mind, and like all CRL products, they are built to be durable to give you the best product for your money. If you need assistance in choosing the right machine for your drilling needs contact CRL's Customer Service Department.



See page TE020



See page TE020



See page TE020



Go to **crlaurence.com/glass-drilling**



See page TE021 or visit
crlaurence.com/glass-machinery

MORE CHOICES crlaurence.com

CRL Drills for Glass

- **Drills for a Single Job or Production Runs**
- **Drills for Portable Drills and Factory Machinery**

Any type of drill bit or accessory you may need to make holes in glass can be found at C.R. Laurence. Our decades of serving the glazing industry has allowed us to explore and refine this delicate process, thanks to feedback from our customers and the efforts of our knowledgeable staff. Whether you're looking to make just one hole or interested in the production drilling of holes, CRL has what you need to do it quickly, efficiently, and remain cost-effective. For assistance in selecting the proper drill to meet your requirements, contact CRL's Customer Service Department.



Straight Shank Drill Bit
See page TE022-TE023



Belgian Thread Drill Bit
See page TE023



Straight Shank Countersink
See page TE024



Belgian Thread Countersink
See page TE024



Prismatic Drill Bit
See page TE025



Spearpoint Drill Bit
See page TE025

CRL Tripod Glass Drilling Machine



PROTECT

CAT. NO. CRL2
110V AC Model

CAT. NO. EU3
230V AC European Model

CAT. NO. AU3
230V AC Australian Model
Minimum order is one each

MORE INFORMATION
crlaurence.com

- Our Best Selling Drill Machine
- For Use With Diamond, Steel or Brass Tube Drills, as Well as Spearpoint and Prismatic Drills
- Heavy-Duty, 4 AMP Variable Speed Motor With Ball-Type Thrust Bearings
- Variable Speed Adjustment Up to 1,300 RPM
- Dual Adjustment System for Quick and Micro-Depth Adjustments to Reduce Chipping of the Glass
- Self-Drilling Design Eliminates the Need for Operator Applied Pressure
- Lubricated Sealed Bearings to Reduce Maintenance Costs
- Non-Skid Rubber Leg Caps Add Stability and Minimize Vibration
- Compound Action Handle for Easy Lifting
- 8' (2.4 m) Power Cord

CRL Swivel Glass Drilling Machine

PROTECT

- Drills Outlet Cut-Outs Without Repositioning
- Built-in Retaining Ring
- 1,000 RPM 110V AC Motor



For Diamond Tool Coolant
see page TE024



CAT. NO. SDM4
Minimum order is one each



Drill first hole, swivel head, and then drill the second hole



Swivel the head to one side for drilling larger holes up to 6" (152 mm)

CRL Production Diamond Glass Drilling Machine

PROTECT



CAT. NO. AMZ1
110V AC Model
Minimum order is one each

CAT. NO. AMZ1AU
230V AC Australian Model
Minimum order is one each

VIDEO

- Variable Speed, High Torque DC Motor
- Drills Holes Faster and More Precisely Than Any Other Portable Glass Drilling Machine
- Built-In Water Coolant Chuck
- Locking Vacuum Cup Base
- Accepts Belgian Thread Diamond Drills 1/8" to 4" (3 to 102 mm) in Diameter

AMZ1 Features:

- Advanced electronic circuitry
- A powerful DC motor with an electronic variable speed control that provides full torque at all speeds ranging from 0 to 2900 RPM
- Twin vertical guide posts for precise drilling
- A dual locking vacuum cup base keeps the machine steady while drilling

Standard Accessories:

- 12' (3.6 m) Heavy-Duty Power Cord
- Coolant Retaining Ring
- Coolant Chuck With Supply Hose
- Externally Serviceable Motor, Brushes, and Fuse
- Built-in Handle for Easy Carrying
- Service Wrenches
- Complete Operation Manual

Make the move up to our technically advanced Belgian Mount Multi-Layer Metal Bond Drills. Most commonly used with the AMZ1 are the Belgian Mount PDT Series (Metal Bond) and HBT Series (Electro-Formed) Diamond Drills (see page TE023).

NOTE: We recommend using our Cat. No. GF1 Ground Fault Circuit Interrupt Device (see page TE028).

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL TD25 Vertical Two-Sided Glass Drill

MORE INFORMATION crlaurence.com

- Horizontally Opposed Drill Motors Move Smoothly and Independently
- Adjustable Stops Make Repeat Hole Placement Easy
- No Need to Pre-Mark Hole Position - Uses X-Y Coordinates
- Digital Vertical Scale for Y Axis
- Motorized Lower Glass Support Rail Sets X-Coordinate
- 110V AC - Works Anywhere

CRL GLASS MACHINERY AND SUPPLIES formerly Summers & Mach crlaurence.com

- Available for Purchase or Lease









Two Belgian Thread Drill Bits are Required for Each Size Hole. See Page TE023 for Drill Bits



Pneumatic Pressure Controls and Switch for Drill Motors



Digital Position System for Accuracy of Y Axis Coordinates

VIDEO

CAT. NO. TD25

• Processes Glass Vertically – Automatically Drills Holes Up to 5-1/2" (140 mm) in Diameter

Our Automatic Feed TD25 Vertical Two-Sided Glass Drill is a compact, accurate, and affordable system. Designed to save valuable floor space, the machine measures only 120" (3048 mm) long x 48" (1219 mm) wide. The TD25 accommodates glass up to 1-1/4" (32 mm) thick and produces holes up to 5-1/2" (140 mm) in diameter. Maximum glass sheet size is 60" x 100" (1524 x 2540 mm), and maximum drill depth from edge is 32-1/2" (826 mm).

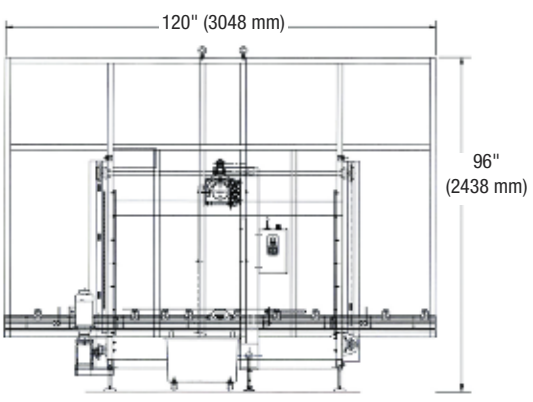
The motors are horizontally mounted on adjustable pneumatic tracks and drilling is done with a simple switch control. All work is processed vertically, which is the normal transport and storage position for glass. This allows the system to use X-Y coordinates for precise location of the hole center, and also minimizes the chances of scratching or glass breaking during handling. Bottom edge rollers easily guide the vertical glass edge to the Y-coordinate. A hand operated glass clamp secures the glass in position during fabrication. Drills are kept cool and lubricated with a recirculating coolant tank and pump system. Minimum order is one each.

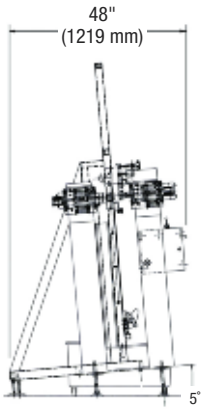
Controls

All controls are built to OSHA requirements, utilizing CE, CSA and UL Certified components. Wiring for single phase, 60 cycle, 110V AC power.

Utilities

Electrical . . . . . 4 motors total 1.5HP (1.2kw)
Voltage . . . . . Single Phase, 60 Cycle, 110V AC
Power . . . . . 15 AMP service @ 110V AC
Air . . . . . 60 - 90 PSI (4 - 6 atm) @ 1 CFM





TD25 SPECIFICATIONS:

Height: 96" (2438 mm)
Footprint: 120" x 48" (3048 x 1219 mm)
Shipping Weight: 1200 Lbs. (544 kg)

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Amazing Glazing Plated Diamond Drills

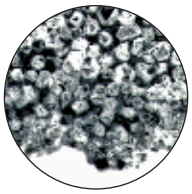
- Unique, Aggressive Sawtooth Profile
- Our Most Durable Plated Drill
- Diameters From 1/8" to 4-1/2" (3.2 mm to 114.3 mm)

PROTECT

MORE SIZES crlaurence.com



For Diamond Tool Coolant see page TE024



Magnified View of Diamond Crystals



INDIVIDUAL DRILLS

CAT. NO.	DRILL DIAMETER
AG316	3/16" (4.8 mm)
AG14	1/4" (6.4 mm)
AG38	3/8" (9.5 mm)
AG12	1/2" (12.7 mm)
AG58	5/8" (15.9 mm)
AG34	3/4" (19 mm)
AG1	1" (25.4 mm)
AG2	2" (50.8 mm)
AG214	2-1/4" (57.2 mm)
AG3	3" (76.2 mm)
AG4	4" (101.6 mm)

Minimum order: 1 each. All CRL Diamond Drills can be combined for quantity pricing.

Recommended Operating Speeds for All Plated Diamond Drills

DRILL DIAMETER	RPM RANGE
1/8" – 1/2" (3.2 – 12.7 mm)	1600 – 2000
9/16" – 1" (14.3 – 25.4 mm)	1400 – 1600
1-1/8" – 2" (28.6 – 50.8 mm)	1100 – 1400
2-1/8" – 3" (54 – 76.2 mm)	900 – 1100
3-1/4" – 4" (82.6 – 101.6 mm)	700 – 900
4-1/2" (114.3 mm) +	500 – 700

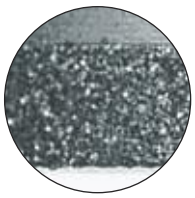
These are the ideal speeds for drilling various diameters with CRL Plated Diamond Drills. Acceptable results may also be achieved by varying your drilling speeds. CRL Amazing Glazing Plated Diamond Drills may also be used in standard 1,300 RPM drill machines.

CRL Standard Plated Diamond Drills

- Our Most Popular Diamond Drill
- Durable and Cost Efficient
- Available in Sizes from 1/8" to 6" (3.2 mm to 152.4 mm)
- Smooth Continuous Rim
- For Tripod and Cup Style Drilling Machines
- 3/8" (9 mm) Shanks

PROTECT





Magnified View of Diamond Crystals

MORE SIZES crlaurence.com

INDIVIDUAL DRILLS

CAT. NO.	DRILL DIAMETER
EDD18	1/8" (3.2 mm)
EDD316	3/16" (4.8 mm)
EDD14	1/4" (6.4 mm)
EDD516	5/16" (7.9 mm)
EDD38	3/8" (9.5 mm)
EDD716	7/16" (11.1 mm)
EDD12	1/2" (12.7 mm)
EDD58	5/8" (15.9 mm)
EDD34	3/4" (19 mm)
EDD78	7/8" (22.2 mm)
EDD1	1" (25.4 mm)
EDD26MM	26 mm
EDD118	1-1/8" (28.6 mm)
EDD114	1-1/4" (31.8 mm)
EDD112	1-1/2" (38.1 mm)
EDD134	1-3/4" (44.5 mm)
EDD2	2" (50.8 mm)
EDD218	2-1/8" (54 mm)
EDD214	2-1/4" (57.2 mm)
EDD212	2-1/2" (63.5 mm)
EDD234	2-3/4" (69.9 mm)
EDD3	3" (76.2 mm)
EDD314	3-1/4" (82.6 mm)
EDD312	3-1/2" (88.9 mm)
EDD4	4" (101.6 mm)
EDD412	4-1/2" (114.3 mm)
EDD5	5" (127 mm)

Minimum order: 1 each. All CRL Diamond Drills can be combined for quantity pricing.

Note: Always wear the proper safety gear, including eye protection, when drilling glass. Work should be performed on a flat, horizontal surface. A Cat. No. GF1 Ground Fault Circuit Interrupt Device (see page TE028) is recommended when using any type of electric tool in conjunction with water or coolant. Failure to follow any of these precautions can result in operator injury.

CRL Electro-Formed Diamond Drills

MORE SIZES crlaurence.com

PROTECT

- For Fast Cutting, High Production Runs
- Extended Work Life
- 1/2" Diamond Matrix Depth
- Two Mounting Styles to Choose From: Straight Shank or Belgian Type
- DCD Feature 3/8" x 1-3/8" (9.5 x 35 mm) Shaft
- HBT Feature Belgian Mount (1/2 - Gas)



Magnified View of Diamond Crystals



Straight Shank



Belgian Thread

STRAIGHT SHANK CAT. NO.	DRILL DIAMETER
DCD14	1/4" (6.4 mm)
DCD38	3/8" (9.5 mm)
DCD12	1/2" (12.7 mm)
DCD1	1" (25.4 mm)
DCD2	2" (50.8 mm)
DCD214	2-1/4" (57.2 mm)
DCD4	4" (101.6 mm)

BELGIAN THREAD CAT. NO.	DRILL DIAMETER
HBT14	1/4" (6.4 mm)
HBT38	3/8" (9.5 mm)
HBT12	1/2" (12.7 mm)
HBT1	1" (25.4 mm)
HBT2	2" (50.8 mm)
HBT214	2-1/4" (57.2 mm)
HBT4	4" (101.6 mm)

Minimum order: 1 each. All CRL Diamond Drills can be combined for quantity pricing.

NOTE: Sharpening or "dressing" of this drill before each use will substantially increase its cutting capabilities and minimize "glazing" or dulling of the bit. A Dressing Stone is a necessity when working with an Electro-Formed or Metal Bond Diamond Drill (see page TE024).

Recommended Operating Speeds for Metal Bond and Electro-Formed Drills

DRILL DIAMETER	RPM RANGE
3/32" - 1/8" (2.4 - 3.2 mm)	6000
3/16" - 5/16" (4.8 - 7.9 mm)	4500
3/8" - 7/16" (9.5 - 11.1 mm)	3000
1/2" - 5/8" (12.7 - 15.9 mm)	2500
3/4" - 1" (19.1 - 25.4 mm)	2000
1-1/4" - 1-3/4" (31.8 - 44.5 mm)	1500
2" - 2-1/2" (50.8 - 63.5 mm)	1200
2-3/4" - 3-1/2" (69.9 – 88.9 mm)	900
4" (101.6 mm)	800

These are the ideal speeds for drilling various diameters. You may vary somewhat with acceptable results. Drills can also be used with standard 1300 RPM machines, but drilling time is increased on small diameter holes.

CRL Metal Bond Diamond Drills

MORE SIZES crlaurence.com

PROTECT

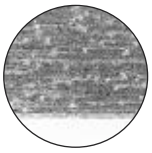
- Designed for High-Volume Glass Fabrication
- 3/8" Diamond Matrix Depth
- Two Mounting Styles to Choose From: Straight Shank or Belgian Thread
- Longest Life: 1000-2000 Holes in 1/4" (60 mm) Glass
- PD Features 3/8" x 1-3/8" (10 x 35 mm) Shaft
- PDT Features Belgian Mount (1/2 - Gas)



Straight Shank



Belgian Thread



Magnified View of Diamond Crystals



For Diamond Tool Coolant see page TE024

STRAIGHT SHANK CAT. NO.	DRILL DIAMETER
PD14	1/4" (6.4 mm)
PD12	1/2" (12.7 mm)
PD34	3/4" (19 mm)
PD2	2" (50.8 mm)
PD214	2-1/4" (57.2 mm)
PD4	4" (101.6 mm)

BELGIAN THREAD CAT. NO.	DRILL DIAMETER
PDT14	1/4" (6.4 mm)
PDT12	1/2" (12.7 mm)
PDT34	3/4" (19 mm)
PDT2	2" (50.8 mm)
PDT214	2-1/4" (57.2 mm)
PDT4	4" (101.6 mm)

Minimum order: 1 each. All CRL Diamond Drills can be combined for quantity pricing.

NOTE: Always wear the proper safety gear including gloves and eye protection when drilling glass. Work should be performed on a flat, horizontal surface. A Ground Fault Circuit Interrupt Device Cat. No. GF1 must be used when using any type of electric tool in conjunction with water or coolant (see page TE028). Failure to follow any of these precautions can result in operator injury.

TOLL FREE Phone: (800) 421-6144
Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Diamond Tool Coolant Concentrate

MSDS ONLINE

- An Excellent Coolant for Glass Drilling, Cutting or Routing
- Extends the Life of the Tool
- 50:1 Mix Ratio
- Biodegradable



CAT. NO.	CONTENTS
DTC80Z	8 Ounces (236 ml)
DTC80QT	1 Quart (945 ml)
DTC80GL	1 Gallon (3.785 l)

Minimum order: 1 each.

CRL Dry Synthetic Diamond Tool Coolant

MSDS ONLINE

- An Excellent Coolant for Glass Drilling, Edging, Cutting or Routing
- Extends the Life of the Tool
- Mixing Ratios: 100:1 for Wheels; 50:1 for Drills
- Biodegradable



CAT. NO.	CONTENTS
2651005	1 lb. (454 gm)
DRYC00L40	40 lb. (18.1kg)

Minimum order: 1 each.

CRL Sharpening Stones

- Use to Expose Fresh Diamonds
- Brings Life Back to Your Production Diamond Drills
- Four Sizes to Work With Drills Up to 6" (152 mm) in Diameter

MORE INFORMATION crlaurence.com



CAT. NO.	SIZE
PDSS	2" x 7" x 1/2" (51 x 178 x 12 mm)
PDSS3	4" x 6" x 1" (102 x 152 x 25 mm)
PDSS4	6" x 8-1/2" x 1/2" (152 x 216 x 12 mm)

Minimum order: 1 each. **NOTE**: When using a CRL Sharpening Stone, make sure the drill diameter is smaller than the sharpening surface. Always thoroughly saturate CRL Sharpening Stones in coolant before use. This will avoid any unnecessary heating of the drill bit.

CRL Amazing Glazing Diamond Countersinks

- Straight Shank or Belgian Type Mounts
- Metal Bond Diamonds
- Chip Free 90 Degree Tapers

STRAIGHT SHANK CAT. NO.	BELGIAN THREADED CAT. NO.	DIAMETER
SDC12	BDC12	1/2" (12.7 mm)
SDC1	BDC1	1" (25.4 mm)
SDC112	BDC112	1-1/2" (38.1 mm)

Minimum order: 1 each.


Straight 3/8" Shank Type


Belgian Threaded Type

CRL Tripple-Ripple™ Diamond Drills

- Music Wire Diamond Drills for Use in Hand Held Rotary Tools


Shown in Dremel Type Tool

CAT. NO.	SIZE
TRD346	.0295" (.75 mm)
TRD116	.0433" (1.1 mm)
TRD146	.0551" (1.4 mm)
TRD186	.0709" (1.8 mm)
TRD216	.0827" (2.1 mm)

Minimum order: Six Drills of one size. Sizes can be combined for quantity pricing.


Tripple-Ripple™ Drill

CRL Silicon Carbide Grain

- For Use With Brass and Steel Tube Drills
- Use on Roughening Plates for Grinding and Polishing

MSDS ONLINE



AVAILABLE IN 10, 25, 50, AND 100 POUND BULK CONTAINERS

CAT. NO.	GRIT	DESCRIPTION
CG60X	60X	Extra Rough
CG80X	80X	Rough
CG100X	100X	Medium
CG120X	120X	Smooth
CG220X	220X	Fine

Minimum order: 10 pounds of one grit.

CRL Plastic Spray Dispenser Bottle

- Ideal for Applying CRL Diamond Tool Coolant to Drills to Keep Them Cool
- 16 Fl. Oz. (473 ml)



MORE CHOICES crlaurence.com

CAT. NO. DB21
Minimum order is one each

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Prismatic Glass Drills

PROTECT

- Our Best Carbide Drill
- Precision Ground on Three Sides
- Available Sizes From 1/8" to 1/2"



CAT. NO.	DRILL DIAMETER	SHANK DIAMETER	RECOMMENDED RPM
2600*	1/8" (3.2 mm)	1/4" (6.4 mm)	500 – 600
2601	5/32" (4 mm)	1/4" (6.4 mm)	500 – 600
2602	3/16" (4.8 mm)	1/4" (6.4 mm)	500 – 600
2603	7/32" (5.6 mm)	1/4" (6.4 mm)	500 – 600
2604	1/4" (6.4 mm)	1/4" (6.4 mm)	500 – 600
2605	5/16" (7.9 mm)	1/4" (6.4 mm)	500 – 600
2606	3/8" (9.5 mm)	1/4" (6.4 mm)	400 – 500
2607	7/16" (11 mm)	1/4" (6.4 mm)	400 – 500
2608	1/2" (12.7 mm)	1/4" (6.4 mm)	400 – 500

* **NOTE**: The 1/8" Drill is extremely fragile and used at the purchaser's risk.
Minimum order: 1 each. All Prismatic Drills can be combined for quantity pricing.

NOTE: Prismatic Drills should only be used in glass drilling machines such as the CRL2 or SDM4. Be sure to keep the drill cool using CRL Cat. No. DTC80 Coolant during drilling.

CRL Spearpoint Glass Drills

PROTECT

- For Use With Low RPM Drilling Machines
- Available Sizes From 1/8" to 1/2"
- Works With CRL2, SDM4 or Regular Power Drills

MORE INFORMATION crlaurence.com



For Diamond Tool Coolant see page TE024



CAT. NO.	DRILL DIAMETER	SHANK DIAMETER	RECOMMENDED RPM
216	1/8" (3.2 mm)	3/32" (2.4 mm)	400 – 800
316	3/16" (4.8 mm)	7/64" (2.8 mm)	400 – 800
416	1/4" (6.4 mm)	11/64" (4.4 mm)	400 – 800
516	5/16" (7.9 mm)	13/64" (5.2 mm)	400 – 800
616	3/8" (9.5 mm)	15/64" (6 mm)	400 – 800
816	1/2" (12.7 mm)	19/64" (7.5 mm)	200 – 400

Minimum order: 1 each. All Spearpoint Drills can be combined for quantity pricing.

CRL "Three-In-One" Glass Drill

PROTECT

- Step-Down Feature to Drill 3/16", 1/4", or 5/16" (4.8, 6.4 or 7.9 mm) Holes
- Drills, Glass, Tile, and Ceramic
- 400 to 800 RPM Recommended



For Diamond Tool Coolant see page TE024



CAT. NO. 301
Minimum order is one each

CRL Suction Base Drilling Rings

MORE CHOICES crlaurence.com

- Instantly Creates a Coolant Dam
- Slanted Walls Helps Stop Splashing





Round Rings in Four Sizes



Oval Ring With 2" Tapered Plug

CAT. NO.	DESCRIPTION
RR15	1-1/2" (38.1 mm) Round Ring
RR30	3" (76.2 mm) Round Ring
RR45	4-1/2" (114.3 mm) Round Ring
RR65	6-1/2" (165.1 mm) Round Ring
RR24	2" x 4" (50.8 x 101.6 mm) Oval Ring with Plug
RP20	2" (50.8 mm) Tapered Plug Only

Minimum order: 1 each.

TOLL FREE Phone: (800) 421-6144
Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL 12 Volt Mirror and Glass Notching Saw

MORE INFORMATION crlaurence.com

PROTECT

- 12V Lithium-Ion Battery Powered – Completely Self-Contained
- Makes Plunge Cuts and Edge Cuts
- Refillable Coolant Dispenser

The CRL NS4000 12V Cordless Notching Saw Kit is an example of innovative CRL design and engineering. The NS4000 combines the latest technology from the Makita® Lithium-Ion power system, and a coolant delivery system featuring a unique body mount designed and assembled by CRL. Using this 1400 RPM Notching Saw to cut notches and cut outs in glass and mirror is simple and fast. The thin 3-3/8" (85 mm) diamond blade provides very narrow stock removal so measurements remain accurate. Makes edge cuts or plunge cuts in glass up to 1/2" (12 mm) thick. Lithium-Ion battery pods do not retain charging memory so each charge brings battery back to 100%. These batteries also retain charge with little or no power loss during storage.



CAT. NO. NS4000

Standard Equipment Includes: Two Rechargeable Lithium-Ion Battery Cartridges, 110V Battery Charger, Blade Wrench, 3-3/8" (85 mm) Carbide Tip Blade, 3-3/8" (85 mm) Diamond Smooth Cut Blade, Coolant Dispenser, Full instructions for use.

CAT. NO.	DESCRIPTION
NS4000	12V Mirror and Glass Notching Saw - 110 Volt
NS3B	3-3/8" (85 mm) Diamond Smooth Cut Glass and Mirror Blade
7249508C	3-3/8" (85 mm) Diamond Tile Cutting Blade
BL1014	12V DC Lithium-Ion Battery Cartridge
DC10WB	12V Lithium-Ion Battery Charger - 110 Volt
DTC80Z	8 Oz. (236 ml) Diamond Tool Coolant
NS3PB	Coolant Dispenser Bottle

Minimum order: 1 each.



3-3/8" (85 mm) Optional Diamond Tile Cutting Blade



3-3/8" (85 mm) Included Diamond Smooth Cut Glass and Mirror Blade



Diamond Metal Bond Edge of NS3B Blade

CRL 18 Volt Cordless Diamond Glass Saw Kit

PROTECT VIDEO

- Powerful 18 Volt Cordless Saw Cuts 1/4" to 3/4" (6 to 19 mm) Thick Glass
- Polycarbonate Base Won't Scratch Mirror

The CRL 18 Volt Cordless Diamond Glass Saw utilizes a powerful 18V DC battery to cut glass quickly, leaving a beautiful chip-free finish. This powerful saw will plunge, straight, and angle cut thin and thick glass from 1/4" (6 mm) up to 3/4" (19 mm) thick with power to spare.

The LD172 utilizes a thin kerf, 5-3/8" (136.5 mm) Diamond Blade and a Pressurized Coolant System with an easy disconnect feature. Use the single nozzle coolant line for glass up to 1/4" (6 mm) thick, or the double nozzle coolant line for thicker glass. It has a polycarbonate base to provide a smooth cutting surface with less chance for scratching the glass. A molded plastic case keeps your saw and accessories safe and organized. The Medium 100 Grit Diamond Blade (Cat. No. DBM) offers fast cutting speeds where edge quality is not critical. You can also use the optional Fine 220 Grit Diamond Blade (Cat. No. DBF). Although slower cutting than the DBM Diamond Blade, it produces an extremely smooth edge. Blades are adjustable from 90 degrees to 45 degrees for miter cuts.



CAT. NO. LD172

Standard Equipment Includes: 18 Volt Cordless Saw, 5-3/8" (136.5 mm) Medium 100 Grit Diamond Blade, 18V DC Battery Cartridge, One Hour 18V DC Battery Charger, Pressurized Coolant System, Quart of Diamond Tool Coolant, and a Carrying Case.

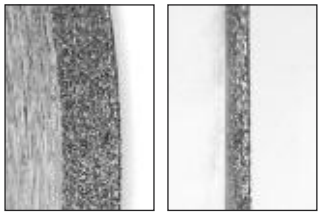
CAT. NO.	DESCRIPTION
LD172	18V Cordless Diamond Glass Saw Kit - 110 Volt
DBF	5-3/8" (136.5 mm) Fine 220 Grit Diamond Blade
DBM	5-3/8" (136.5 mm) Medium 100 Grit Diamond Blade
LD172B	18V DC Battery Cartridge
LD172C	One Hour 18V DC Battery Charger - 110 Volt
LD172C240V	One Hour 18V DC Battery Charger - 240 Volt
LD172PT	1 Gallon (3.8 l) Pressure Tank

Minimum order: 1 each.

Makita is a registered trademark of Makita Corporation.



DBM and DBF Diamond Blades



Diamond Plated Edge

CRL Diamond Notch and Saw Machine

- **Produces Notches and Free-Style Pattern Edge Cuts**
- **Fast-Cutting Ring Blade With 360 Degree Diamond Coating Cuts in All Directions**
- **Optional Radius and Glass Clamp Templates Available**

CRL's Diamond Notch and Saw Machine is the latest advancement in glass fabrication machinery. This amazing saw utilizes a high-quality 5-3/4" (146 mm) Steel Ring Blade with specially coated diamonds to provide smooth, fast cutting in all directions of glass up to 1/2" (12 mm) thick.

Use it freehand and reduce labor time 75% on patterns such as crown molding with smooth, chip-free results, or use the adjustable jig tool to eliminate drilling and cut your labor by more than 50%. No more double layouts. Simply cut forward and sideways, back out and you are done. Minimal or no sanding is required. This is the only saw capable of producing strong, square corners. An Internal Sponge Cover provides cutting coolant with no pump required.

Optional Radius Templates for 9/32" (7.1 mm), 5/16" (7.9 mm), 3/8" (9.5 mm), and 7/16" (11.1 mm) radii create "mouse ear" and U- shape sized cut-outs for popular CRL Shower Door Hinges. Templates for CRL BGCU1, SGCU1, GCB188, and SGC188 Glass Clamps also eliminate the need for drilling, scoring, break-out, and costly CNC machine set-up.

Kit includes: Diamond Notch and Saw Machine, Standard Blade, Blade Stabilizer with Template Disc, Adjustable Jig Tool with 1/4" (6.3 mm) Radius Templates, Two Adjustable Clamps, a Set of six Replacement Grommets, and Instructions. Additional replacement parts are also available. We recommend that all electrical glass tools be used with a Cat. No. GF1 Ground Fault Circuit Interrupt Device (see page TE028). Minimum order is one each.

VIDEO



CAT. NO. DNS1



NOTE: Always Wear Eye Protection When Using Glass Fabrication Power Tools.

PROTECT

Easy to Set Up and Use

MORE INFORMATION crlaurence.com



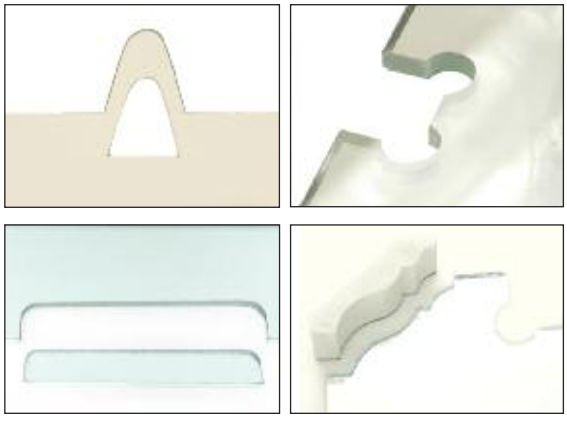
Measure



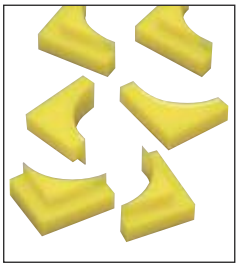
Position



Saw



Optional Templates and Replacement Parts



Radii Template Set



Glass Clamp Template Set



Shower Door Template Set

CAT. NO.	DESCRIPTION
DNS1	Diamond Notch and Saw Kit 110V 60Hz
DNS1AU	Diamond Notch and Saw Kit 240V 50Hz Australian Plug
DNS1BL	Diamond Ring Blade with Two Orange Groove Grommets
DNS10G	Orange Groove Grommets – Two Per Pack
DNS1RG	Red Gear Grommets with Bearings – Two Per Pack
DNS1DB	Drive Belt
DNS1SC	Sponge Cover
DNS1TS	Four Radii Template Set – 9/32", 5/16", 3/8" & 7/16"
DNS1TA	Template for CRL BGCU1 and SGCU1 Glass Clamps
DNS1TB	Template for CRL GCB188 Glass Clamps
DNS1TC	Template for CRL SGC188 Glass Clamps
DNS1X	Template for CRL Geneva and Pinnacle Shower Door Hinges
DNS1Y	Template for CRL Vienna and Cologne Shower Door Hinges
DNS1Z	Template for CRL Concord Shower Door Hinges

Minimum order: 1 each.

CRL Portable Glass Router

- **New Improved Version of Our Most Popular Router is Lightweight and Maneuverable**
- **Comes With Everything You Need to Cut Any Shape in Glass Up to 1/2" (12 mm) Thick**

Our popular ADR2 Portable Glass Router has a new feature that incorporates more power and better performance. The ADR2 Router is a glass working marvel. You will be amazed at the intricate shapes that can be cut with this tool. With very little practice you can cut almost any curve or radius, while leaving a structurally sound piece of glass. Mirror outlets, switch plates, circles, speak holes, and desk tops with computer/phone wire cut-outs are easily fabricated with the ADR2.

The biggest advantage of the CRL ADR2 is that it can plunge cut its own starter holes! No need to stop and drill a pilot hole before routing. This means less down time and more production. This corded, 110V AC, variable speed (10,000-30,000 RPM) machine is rated at 850 Watts. There is no changing, charging, and purchasing of multiple batteries.

The ADR2 comes complete with: the Router and Base, Ground Fault Circuit Interrupter, 5-pack of 1/8" (3.2 mm) High Speed 80 Grit Router Bits, one 1/4" (6.3 mm) Seaming Bit, one 1/8" (3.2 mm) High Speed 40 Grit Router Bit, Custom Cooling System Manifold, Pressure Tank, one bottle of CRL Diamond Tool Coolant, Special Valve Assembly, one roll of Glass Protective Film, and a complete Instruction Manual.

Our Cat. No. ADR2T Deluxe Portable Glass Router comes with all of the above, as well as the Cat. No. TPS Router Template Option and a Steel Template Guide.



MORE INFORMATION crlaurence.com

CAT. NO. ADR2



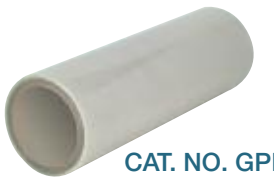
Notch Example



Freeform Example



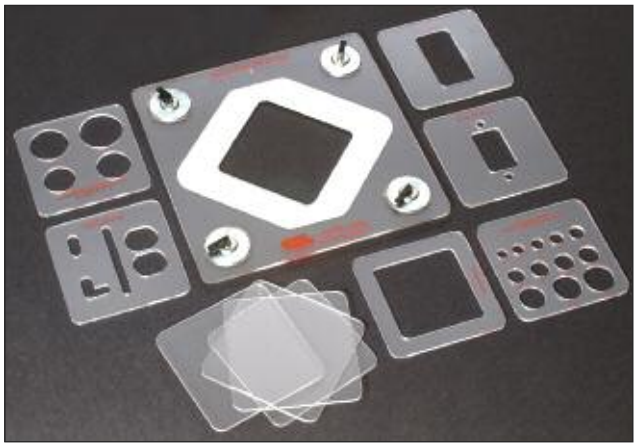
Notch Example



CAT. NO. GPF25
12" Wide Glass Protecting Film - 25' Roll

CAT. NO.	DESCRIPTION
ADR2	110 Volt Portable Glass Router System
ADR2240V	240 Volt Portable Glass Router System
ADR2T	Deluxe 110 Volt Portable Router System With Template
ADR2T240V	Deluxe 240 Volt Portable Router System With Template
TPS	Router Template Option
ADRB40	40 Grit 1/8" (3.2 mm) High Speed Router Bit
ADRB120	120 Grit 1/8" (3.2 mm) High Speed Router Bit
SFRB14220	220 Grit Seaming Bit for 1/4" (6 mm) Glass
DTC80Z	8 Oz. (236 ml) Diamond Tool Coolant
GPF25	12" (305 mm) Wide x 25 Ft. (7.62 m) Roll Glass Protective Film
GPF50	12" (305 mm) Wide x 50 Ft. (15.2 m) Roll Glass Protective Film
GF1	Ground Fault Circuit Interrupter
AMZ200	Pressure Tank

Minimum order: 1 each.



CAT. NO. TPS
Router Template Option



CAT. NO. ADRB40
40 Grit 1/8" High Speed Diamond Router Bit



CAT. NO. ADRB120
120 Grit 1/8" High Speed Diamond Router Bit



CAT. NO. SFRB14220
220 Grit 1/4" Flat with Seam Diamond Router Bit

NOTE: See the full range of grits for Diamond Router Bits online at **crlaurence.com/glass-routers**



CAT. NO. GF1
Ground Fault Circuit Interrupter



CAT. NO. AMZ200
Optional Coolant Pressure Tank

CRL Abrasive Tools for Glass Working

MORE INFORMATION crlaurence.com

- **Machines for Local Glass Shops and High Output Fabricators**
- **Abrasives by Recognized and Trusted Manufacturers**
- **The Full Support of CRL's Global Distribution Network and Technical Sales Experts**

Whether you are a local glass shop and your sanding, seaming, grinding, and polishing can be accomplished with hand held portable equipment, or you are a high production or larger volume glazing contractor that requires maximum output and workhorse reliability, CRL has the machines you need to satisfy your cost objectives and quality requirements.

For years CRL has supplied the glass industry with sanders, edgers, grinders, and polishers – a full range of portable to production size machines for glass edgework. We offer tools from prominent manufacturers as well as our own CRL brand power tools and CRL Heavy Glass Machinery. All are supported by CRL's distribution network on three continents, including trained machinery experts that can assist your selection of the right tool for every job.

We also use only the most recognized and trusted suppliers of abrasive belts, bands, discs, and wheels, making every effort to ensure you will get only the best of these products when you choose CRL as your abrasive supplier.







CRL Abrasives in Sizes and Grits You Need, When You Need Them



- **Stock Sizes and Grits**

C.R. Laurence Company carries an extensive line of high quality, long lasting Abrasive Belts and Discs, in a large selection of available grits that enables professional glaziers to complete projects quickly and cost efficiently. Our polyester backed, wet or dry Belts and Discs from 36X to 600X grit are in stock and ready to ship from all CRL warehouses.

- **Large User Abrasive Program**

If you use a large number of abrasive belts or discs, CRL has a bulk quantity program that can really cut your costs. For additional information on this program, contact our Customer Service Department by e-mail at **glazing@crlaurence.com** for pricing and program details.

- **Custom Sizes and Grits**

If you do not find the belt size or grit that you use in our extensive inventory of stock products, let us give you a competitive quote on the special sized abrasives your company uses. Contact our Customer Service Department by e-mail at **glazing@crlaurence.com** regarding your requirements for custom sizes and grits.

CRL 2200RP 4" x 106" Wet Abrasive Belt Sander

MORE INFORMATION crlaurence.com

CRL GLASS MACHINERY AND SUPPLIES Summer & Mack crlaurence.com

- **Uses Industry Standard 4" x 106" (102 x 2690 mm) Abrasive Belts**
- **Rugged Construction and Powerful 1 H.P. Direct Drive Motor**
- **Thick-Walled, Rust-Proof, High-Density Polyethylene Tank Extends Machine Life**
- **Durable Urethane Roller Platen and Front Rest Guide Bar**
- **Fast Abrasive Belt Changing Mechanism**

PROTECT

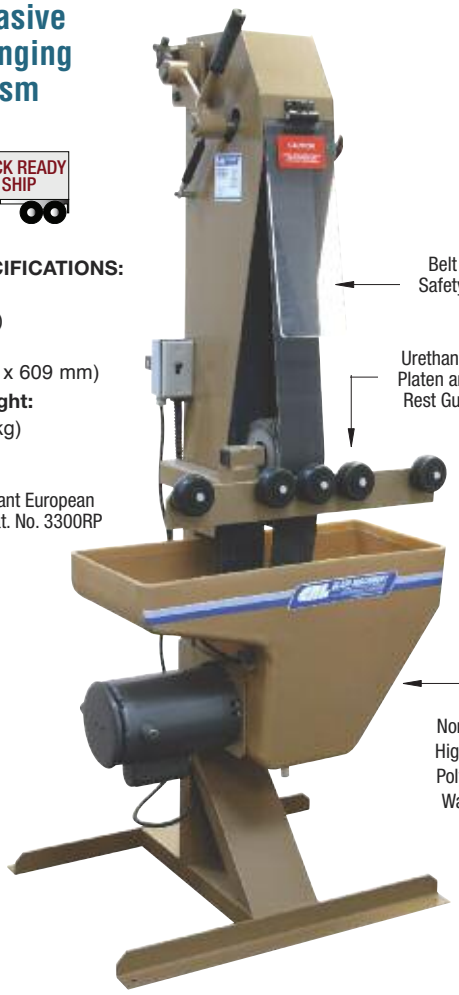
IN STOCK READY TO SHIP

Combine the rugged construction and innovative design of the Somaca 106" (2690 mm) Belt Machine and the streamlined CRL 2200 Belt Sander and you have the CRL 2200RP 4" x 106" (102 x 2690 mm) Wet Abrasive Belt Sander. More affordable and packed with solid engineering, the 2200RP Wet Belt Sander is ideal for use by glass fabricators and processors, and it's still designed to use industry standard 4" x 106" (102 x 2690 mm) belts.

North American models include a direct drive, one H.P., 60 cycle, 1725 RPM, 110 Volt AC Motor and a 5" (127 mm) diameter Drive Pulley. Sander can be wired for 220 volts at an additional cost. An Electric Water Valve keeps the belts wet during sanding, and the Water Delivery System is designed for use with a standard city water supply. This machine now features a rustproof HDPE (High Density Polyethylene) Water Tank that won't chip or dent, and comes with a urethane covered Roller Platen and a Front Rest Guide Bar as standard equipment.

2200RP SPECIFICATIONS:
Height:
72" (1829 mm)
Footprint:
30" x 24" (762 x 609 mm)
Shipping Weight:
265 lbs. (120 kg)

For CE Compliant European Model Order Cat. No. 3300RP



IMPORTANT NOTES:
Always wear the proper safety gear when using any type of power tool. Cat. No. GF1 Ground Fault Circuit Interrupt Device should be used with any type of wet-working electric tool. Replacement parts can be found at **crlaurence.com/glass-machinery**.

CAT. NO.	DESCRIPTION
2200RP	Belt Sander With Roller Platen and Guide Bar - 110V AC
2200	Belt Sander Without Platen and Guide Bar - 110V AC
AU22	Belt Sander With Roller Platen and Guide Bar - 220V AC/50 Hz - Australia
3300RP	Belt Sander With Roller Platen and Guide Bar - 240V AC/50 Hz - Europe

Minimum order: 1 each. All Abrasive Belt Machines for export can be built to operate on Three Phase, 50/60 Hz power. Contact the Machinery Division with your power requirements.

CRL 4" x 106" (102 x 2690 mm) Wet Abrasive Glass Grinding Belts

MORE CHOICES crlaurence.com



- **Fast-Grinding 100% Polyester Backed Belts in 14 Grits From 36X to CORK**
- **Ask About Our Large User Program**

CRL Wet Abrasive Glass Grinding Belts have 100 percent polyester backing, so you can use them wet or dry. They are available in grits from 36X (Super Coarse) to CORK (Polishing) to fit most upright belt sanders.

MOST POPULAR GRITS FOR GLASS, AND EXAMPLES OF THEIR USE:
60X – Extra-Rough, Fast Glass Removal (Mitered Edge)
80X – Rough, Quick-Contouring (Auto Glass Edge)
120X – Smooth, Seaming and Polishing (Desk Top Edge)
220X – Extra-Smooth, Fine Frosted Finish (Glass Shelf Edge)
400X – Fine, Satin Finish (Opaque Edge)
CORK – Polish, Smooth Luster Finish

CAT. NO.	GRIT	QTY/BOX
CRL4X10636X	36X	5
CRL4X10640X	40X	5
CRL4X10650X	50X	5
CRL4X10660X	60X	5
CRL4X10680X	80X	5
CRL4X106100X	100X	5
CRL4X106120X	120X	5

CAT. NO.	GRIT	QTY/BOX
CRL4X106150X	150X	5
CRL4X106180X	180X	5
CRL4X106220X	220X	5
CRL4X106320X	320X	5
CRL4X106400X	400X	5
CRL4X106600X	600X	5
CRL4X106C0RK	Cork	2

Minimum order: 1 Box. All Glass Grinding Belts can be combined for quantity pricing.
All Cork Belts can be combined for quanity pricing.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL USALUMINUM

CRL Machinery Division

Parts and Technical Services Department

MORE INFORMATION crlaurence.com

An extensive line of machinery requires an equally extensive inventory of parts, as well as a well trained experienced staff to match the correct parts to your machine. The CRL Machinery Division maintains an inventory of nearly 10,000 different parts. Our product line ranges from bolts to motors; casters to conveyor rollers; motor brushes to washing machine brushes, and if we don't have the part you need on the shelf, we will find or fabricate it for you. The CRL Machinery Division Parts and Service Department is backed up by our machine shop, where state-of-the-art equipment and highly trained personnel can quickly turn out any fabricated part. Plus, CRL's distribution system can get parts to you fast, anywhere in the world.

Pictured below are some our more common replacement parts for our most popular upright sanders the 2200RP and BM132RP Belt Sanders. Visit **crlaurence.com/glass-machinery** to find the correct part for your sander or, with your model and serial number at the ready, call our highly experienced expert technical staff toll free at (866) 583-1377. Ask for the parts and Service Department to talk directly to someone who stands ready to answer your technical questions and troubleshoot problems with your CRL Machine.



CRL 2200RP Wet Abrasive Belt Sander Parts

1 HP 110V and 220V AC Motors

- 12.4 AMP, 1725 RPM, Single Phase/60 Hz, 110V AC or 50 Hz, 220V AC

CAT. NO.	DESCRIPTION
2200110VMTR	110V AC, 60 Hz
2200220VMTR	220V AC, 50 HZ

Minimum order: 1 each.





CRL BM132RP Wet Abrasive Belt Sander Parts

1 HP 220V AC Motors

- 6.6 AMP, 3450 RPM, Three Phase/60 Hz, 220V AC. Can also be wired for Three Phase/60 Hz, 440V AC

CAT. NO.	DESCRIPTION
41013260	1 HP Motor

Minimum order: 1 each.



Roller Platen Assembly

- Roller Platen Assembly With Shaft and Bearings. Ready to Install

CAT. NO.	DESCRIPTION
CRP2000	Roller Platen Assembly

Minimum order: 1 each.



Contact Roller Platen

- Current Type With Aluminum Hub; 5-1/2" (140 mm) Diameter

CAT. NO.	DESCRIPTION
35585800	Contact Roller Platen

Minimum order: 1 each.



Guide Roller Set With Bolts

- Includes Five 3" (76 mm) Diameter Rollers With Sleeves, Nuts, and Bolts

CAT. NO.	DESCRIPTION
2200762	Guide Roller Set

Minimum order: 1 each.



Guide Roller and Shoulder Screw

- Roller Fits on Front Guide Bar With Cat. No. 36988803 Shoulder Screws. (Sold Separately)
- For Both CRL BM132RP and Somaca BM106 Sanders

CAT. NO.	DESCRIPTION
2622016	3" (76 mm) Guide Roller
36988803	Shoulder Screw

Minimum order: 1 each.



Water Solenoid

- Works With 110V AC or 220V AC

CAT. NO.	DESCRIPTION
41900630	Water Solenoid

Minimum order: 1 each.



Water Solenoid

- Works With 110V AC or 220V AC

CAT. NO.	DESCRIPTION
41900630	Water Solenoid

Minimum order: 1 each.



CRL 4" x 64" Bench Model Wet Abrasive Belt Sander

MORE INFORMATION crlaurence.com

CRL GLASS MACHINERY AND SUPPLIES formerly Sumner's Ideal crlaurence.com

- **Extremely Mobile Unit is Ideal for Work Bench or Truck Bed**
- **Heavy-Duty, 1 HP, Single-Phase, 110V, 220V, and 240V Models**
- **Self-Contained Water Tank – No Water Hook-Up Needed**

This CRL Bench Model Belt Sander uses all standard 4" x 64" (102 x 1626 mm) Wet or Dry Abrasive Belts, and is specially designed for use in the shop or on the job site. It's perfect for bench work where there is only a limited need for edge-work capacity. This Sander can also be mounted right onto a glass truck for rough grinding, smoothing, and polishing the edges of glass on a job site. Water for wet grinding sprays on the back of the belt from a built-in spray nozzle connected to a built-in water tank. Just pour water in the reservoir and you can wet grind anywhere.

SPECIFICATIONS:
Height: 37-1/2" (952 mm)
Width (including motor): 24" (610 mm)
Footprint: 19" x 16" (483 x 406 mm)
Shipping Weight: 150 Lbs. (68 kg)

Water Reservoir



PROTECT



EUBM64B Model



BM64B Model

IMPORTANT NOTES:
Always wear the proper safety gear when using any type of power tool. A Cat. No. GF1 Ground Fault Circuit Interrupt Device should be used with any type of wet-working electric tool. Replacement parts can be found at **crlaurence.com/glass-sanding**.

Belts
Wet or Dry . . . . . 4" x 64" (102 x 1626 mm) belt, various grits

Utilities – Standard
Electrical . . . . . One Motor, Total 1 HP
Voltage . . . . . Single Phase, 60 Cycle
Power . . . . . 15 AMP Service @ 110V AC, 240V AC, or 220V AC

CAT. NO.	DESCRIPTION
BM64B	Bench Model Belt Sander – 110V AC/60 Hz
AUBM64B	Bench Model Belt Sander – 240V AC/50 Hz – Australia
EUBM64B	Bench Model Belt Sander – 220V AC/50 Hz – Europe

Minimum order: 1 each.

CRL 4" x 64" (102 x 1626 mm) Wet Abrasive Glass Grinding Belts

MORE CHOICES crlaurence.com

- **Fast-Grinding 100% Polyester Backed Belts in Seven Grits From 40X to CORK**
- **Ask About Our Large User Program**



CRL Wet Abrasive Glass Grinding Belts have 100 percent polyester backing, so you can use them wet or dry. They are available in grits from 40X (Super Coarse) to CORK (Polishing) to fit most upright belt sanders.

MOST POPULAR GRITS FOR GLASS, AND EXAMPLES OF THEIR USE:
60X – Extra-Rough, Fast Glass Removal (Mitered Edge)
80X – Rough, Quick-Contouring (Auto Glass Edge)
120X – Smooth, Seaming and Polishing (Desk Top Edge)
220X – Extra-Smooth, Fine Frosted Finish (Glass Shelf Edge)
400X – Fine, Satin Finish (Opaque Edge)
CORK – Polish, Smooth Luster Finish

CAT. NO.	GRIT	QTY/BOX
CRL4X6440X	40X	5
CRL4X6460X	60X	5
CRL4X6480X	80X	5
CRL4X64120X	120X	5
CRL4X64220X	220X	5
CRL4X64400X	400X	5
CRL4X64C0RK	Cork	2

Minimum order: 1 Box. All Glass Grinding Belts can be combined for quantity pricing.
All Cork Belts can be combined for quantity pricing.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL USALUMINUM

CRL Wet and Dry Abrasive Belt Sanders

See the Complete Selection and Details of CRL Wet and Dry Abrasive Sanding Machines Online at crlaurence.com/glass-sanding

- Manufactured in the U.S.A. by CRL / Sommer & Maca Glass Machinery
- Choose From Vertical Belt, Horizontal Belt or Twin Belt Configurations
- All Made With Rugged Construction and Powerful Drive Motors
- In Stock Ready to Ship From Your Nearest CRL Service Center
- Machines Feature Fast Abrasive Belt Changing Systems
- Models Available for Purchase or Lease
- Abrasive Belts and Replacement Parts In Stock to Keep You in Production

MORE INFORMATION crlaurence.com

CRL GLASS MACHINERY AND SUPPLIES formerly Sommer & Maca crlaurence.com

IN STOCK READY TO SHIP

PROTECT



CAT. NO. 2200RP
4" x 106" (102 x 2690 mm)
Wet Abrasive Belt Sander



CAT. NO. BM132RP
4" x 132" (102 x 3352 mm)
Upright Wet Abrasive Belt Sander



CAT. NO. BM64B
4" x 64" (102 x 1626 mm)
Bench Model Wet Abrasive Belt Sander



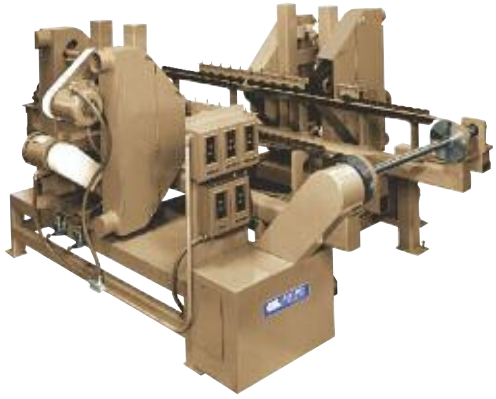
CAT. NO. H82
4" x 106" (102 x 2690 mm)
Horizontal Wet Abrasive Belt Sander



CAT. NO. DBS106W
4" x 106" (102 x 2690 mm)
Wet Twin Abrasive Belt Seamer



CAT. NO. DBS106
4" x 106" (102 x 2690 mm)
Dry Twin Abrasive Belt Seamer



CAT. NO. ASM484
4" x 84" (102 x 2134 mm)
Automatic Dry Belt Swiping Machine

CRL Wet Abrasive Belts for Upright Belt Sanders

- **Tough, Fast Grinding 100% Polyester Backed Belts are Long Lasting**
- **A Variety of Grits are Available, From 36X to 600X, Plus Cork**
- **Stock Sizes (Plus Other Sizes on Special Order) to Fit Virtually All Upright Belt Sanders**
- **Selected 3M® Brand Belts Also Available**

MORE CHOICES crlaurence.com

MSDS ONLINE



CRL Wet Abrasive Belts have a 100 percent polyester backing, so you can use them wet or dry. Available in six standard sizes in grits from 36X (Extra Coarse) to 600X (Super Fine) to fit most any upright belt sanding machine. All Upright Sander Belts come five belts per box, unless otherwise marked. Cork Polishing Belts are also available. Visit **crlaurence.com** for pricing and availability.



For all Upright Belt Sanders see pages TE030-TE033

LARGE USER PROGRAM
If you use lots of sanding belts and discs, CRL has a bulk quantity program that can really cut your costs. All sizes and grits can be quoted, including any we don't normally stock. If you need them, CRL can supply them quickly at prices you'll find hard to beat. Please call CRL Customer Service Department at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 5275 for details.

MOST POPULAR GRITS FOR GLASS, AND EXAMPLES OF THEIR USE:
60X – Extra-Rough, Fast Glass Removal (Mitered Edge)
80X – Rough, Quick-Contouring (Auto Glass Edge)
120X – Smooth, Seaming and Polishing (Desk Top Edge)
220X – Extra-Smooth, Fine Frosted Finish (Glass Shelf Edge)
400X – Fine, Satin Finish (Opaque Edge)
CORK – Polish, Smooth Luster Finish

CRL 4" X 64" (102 X 1626 MM)

CAT. NO.	GRIT	QTY/BOX
CRL4X6440X	40X	5
CRL4X6460X	60X	5
CRL4X6480X	80X	5
CRL4X64120X	120X	5
CRL4X64220X	220X	5
CRL4X64400X	400X	5
CRL4X64C0RK	CORK	2

CRL 4" X 82" (102 X 2083 MM)

CAT. NO.	GRIT	QTY/BOX
CRL4X8260X	60X	5
CRL4X8280X	80X	5
CRL4X82120X	120X	5
CRL4X82220X	220X	5
CRL4X82400X	400X	5

CRL 4" X 84" (102 X 2134 MM)

CAT. NO.	GRIT	QTY/BOX
CRL4X8460X	60X	5
CRL4X8480X	80X	5
CRL4X84100X	100X	5
CRL4X84120X	120X	5
CRL4X84220X	220X	5
CRL4X84400X	400X	5

CRL 4" X 106" (102 X 2690 MM)

CAT. NO.	GRIT	QTY/BOX
CRL4X10636X	36X	5
CRL4X10640X	40X	5
CRL4X10650X	50X	5
CRL4X10660X	60X	5
CRL4X10680X	80X	5
CRL4X106100X	100X	5
CRL4X106120X	120X	5
CRL4X106150X	150X	5
CRL4X106180X	180X	5
CRL4X106220X	220X	5
CRL4X106320X	320X	5
CRL4X106400X	400X	5
CRL4X106600X	600X	5
CRL4X106C0RK	CORK	2

3M® DUO-GLASS 4" X 106" (102 X 2690 MM)

CAT. NO.	GRIT	QTY/BOX
3M4X106120X	120X	5
3M4X106180X	180X	5
3M4X106220X	220X	5

CRL 4" X 118" (102 X 2997 MM)

CAT. NO.	GRIT	QTY/BOX
CRL4X11860X	60X	5
CRL4X11880X	80X	5
CRL4X118120X	120X	5
CRL4X118220X	220X	5
CRL4X118400X	400X	5
CRL4X118C0RK	CORK	2

CRL 4" X 132" (102 X 3353 MM)

CAT. NO.	GRIT	QTY/BOX
CRL4X13260X	60X	5
CRL4X13280X	80X	5
CRL4X132120X	120X	5
CRL4X132220X	220X	5
CRL4X132400X	400X	5
CRL4X132C0RK	CORK	2

3M® DUO-GLASS 4" X 132" (102 X 3353 MM)

CAT. NO.	GRIT	QTY/BOX
3M4X13280X	80X	5

Minimum order: 1 box. All Glass Grinding Belts can be combined for quantity pricing. All Cork Belts can be combined for quantity pricing.

3M is a registered trademark of 3M Company Corporation.

CRL 1/2" x 18" Detail Belt Sander

- **Ideal for Intricate Finishing Work**
- **Includes Three Separate Belt Guide Arms**
- **Variable Speed**

PROTECT



MORE INFORMATION crlaurence.com

The CRL Detail Belt Sander is the ideal sander for getting into small or intricate areas for finishing detail work. Using 1/2" x 18" (13 x 457 mm) silicon carbide abrasive belts (sold separately), finishing the inside edges of circles or notches becomes simple and easy. The added bonus of this unique tool is the inclusion of two additional belt guide arms: One angled tip arm for the 1/2" x 18" belts that runs belts with a 45 degree sanding surface, and a mini belt guide arm that uses 5/16" x 18" (8 x 457 mm) abrasive belts for really intricate sanding jobs. All three arms are included with the sander in a black plastic storage and carry case. Go to **crlaurence.com** for specifications.

CAT. NO.	DESCRIPTION
LD1218	110V Detail Belt Sander
LD1218AU	240V Detail Belt Sander w/AU Plug
LD1218EU	220V Detail Belt Sander w/EU Plug

Minimum order: 1 each.

CRL 18" (457 mm) Glass Grinding Belts

- **Available in Two Widths 5/16" and 1/2" (8 and 13 mm)**
- **For Use With CRL Cat. No. LD1218 Detail Belt Sander**

MORE CHOICES crlaurence.com

PROTECT



MOST POPULAR GRITS FOR GLASS, AND EXAMPLES OF THEIR USE:
80X - Rough, Quick-Contouring
120X - Smooth, Seaming and Polishing
220X - Extra-Smooth, Fine Frosted Finish
400X - Fine, Satin Finish

5/16" X 18" (8 X 457 MM) BELTS

CAT. NO.	GRIT	QTY/BOX
CRL516X1880X	80X	10
CRL516X18120X	120X	10
CRL516X18220X	220X	10
CRL516X18400X	400X	10

1/2" X 18" (13 X 457 MM) BELTS

CAT. NO.	GRIT	QTY/BOX
CRL12X1880X	80X	10
CRL12X18120X	120X	10
CRL12X18220X	220X	10
CRL12X18400X	400X	10

Minimum order: 1 box. All Glass Grinding Belts can be combined for quantity pricing.

CRL Multi Function Tool

- **Multiple Use Tool With Variable Speed Oscillating Head**
- **Perfect for Glass Sanding, Edging, Sealant Cut-Outs and More**
- **Double Insulated and UL Approved**

PROTECT

LISTED



The CRL MFT1 Multi Function Tool is perfect for glass edge seaming. The variable speed head oscillates at 11,000 to 22,000 oscillations per minute. The Kit comes complete with the double insulated Multi Function Tool, plastic storage case, five assorted blades, triangle backer pad, and a blade wrench. For additional information on blades go to **crlaurence.com**.
NOTE: Grinding Triangles are sold separately.



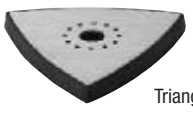
CAT. NO. MFT1

CAT. NO.	DESCRIPTION
MFT1	110V Multi Function Tool
MFT1AU	240V Multi Function Tool w/AU Plug
MFT1EU	220V Multi Function Tool w/EU Plug
MFTTSD	Triangle Backer Pad
MFT180X	80X Glass Grinding Triangles 50/BX
MFT1120X	120X Glass Grinding Triangles 50/BX
MFT1220X	220X Glass Grinding Triangles 50/BX

Minimum order: 1 each for tool and accessories; 50 each for grinding triangles.



Grinding Triangles



Triangle Backer Pad

CRL Makita® 3/8" x 21" Portable Belt Sander

- Great for Small, Confined Areas
- Adjustable Sanding Arm
- Electronic Speed Control

MORE INFORMATION crlaurence.com



- Lightweight, Only 3.5 Lbs (1.6 kg)
- 4.4 AMPS

The CRL Makita® 3/8" x 21" (9.5 x 533 mm) Belt Sander makes polishing notches and corners a breeze. Tight spaces no longer limit your ability to produce a quality edge. The sanding arm pivots a full 100 degrees for easy operation, while providing balance and high performance at any position. The electronically controlled motor provides sanding speeds from 980' to 5600' (298 to 1707 m) per minute for precision sanding and polishing in any position, and on any material thickness. There is also an easy quick-release lever for changing the abrasive belts. A belt tracking knob is conveniently located for fine adjustment of the belt, and no tools are needed for any of the adjustments. Minimum order is one each. Go to **crlaurence.com/glass-sanding** for specifications.

PROTECT

CAT. NO. 9032

CRL 3/8" x 21" (9.5 x 533 mm) Glass Grinding Belts

MOST POPULAR GRITS FOR GLASS, AND EXAMPLES OF THEIR USE:

60X - Extra-Rough, Fast Glass Removal (Mitered Edge)
80X - Rough, Quick-Contouring (Auto Glass Edge)
120X - Smooth, Seaming and Polishing (Desk Top Edge)
220X - Extra-Smooth, Fine Frosted Finish (Glass Shelf Edge)
400X - Fine, Satin Finish (Opaque Edge)
CORK - Polish, Smooth Luster Finish

PROTECT



MORE CHOICES crlaurence.com

- Use With CRL Cat. No. 9032 Portable Belt Sander to Make Grinding and Polishing Notches and Cut-Outs Easier Than Ever

CAT. NO.	GRIT	QTY/BOX
CRL38X2160X	60X	20
CRL38X2180X	80X	20
CRL38X21120X	120X	20
CRL38X21220X	220X	20
CRL38X21400X	400X	20
CRL38X21C0RK	CORK	5

Minimum order: 1 box. All Glass Grinding Belts can be combined for quantity pricing. All Cork Belts can be combined for quantity pricing.

CRL Polishing Oil

- Spray on Belts and Discs for Faster, Brighter Polishing
- Promotes Longer Belt Life

NO AIR FREIGHT

MSDS ONLINE



Spray CRL Polishing Oil on your abrasive belts and discs to keep them soft and free cutting. CRL920 helps to reduce "loading" while at the same time improving finish edges on metal and glass. Net weight is 11 oz. (312 g). 12 per case. Minimum order is one each.

CAT. NO. CRL920

CRL Tube Wax Lubricant

- Improves Finish and Performance While Sanding and Grinding

MSDS ONLINE





CRL Tube Wax Lubricant is a special formulation of solid waxes that comes in a convenient, soft stick. Use it for all sanding, grinding, drilling, tapping, sawing, and fastening operations to increase production quality and improve tool life. It is neat, easy to use, and requires no special storage or handling. Net weight is 15 oz. (425 g). 24 per case. Minimum order is one each.

CAT. NO. WS140

Makita is a registered trademark of Makita Corporation.

CRL 1-1/8" x 21" Portable Belt Sander

- Professional Quality Power Tool for Sanding Notches and Cut-Outs
- Side Handle for Easy Maneuverability
- Available in 110V, 240V, and 220V Models
- Our Most Popular Portable Sander
- 4.2 AMPS

PROTECT

The CRL 1-1/8" x 21" (29 x 533 mm) Belt Sander's design is compact and lightweight for close quarter work with excellent maneuverability, making it ideal for sanding irregular openings or shapes. 4.2 AMP motor provides excellent results at variable speeds.



MORE INFORMATION crlaurence.com

CAT. NO.	DESCRIPTION
LD118	110V Belt Sander
LD118AU	240V Belt Sander/AU Plug
LD118EU	220V Belt Sander/EU Plug

Minimum order: 1 each.

CRL Makita® 1-1/8" x 21" Portable Belt Sander

- Extremely Popular Portable Sander for Sanding Notches and Cut-Outs
- Available in 110V and 240V Models
- Compact and Lightweight Only 4.6 Lbs (2.1 kg)
- 5.0 AMPS

PROTECT

The CRL Makita® 1-1/8" x 21" (29 x 533 mm) Belt Sander is compact and lightweight for close quarter work, with excellent maneuverability for sanding irregular openings or shapes. The 5 AMP motor drives the belt from 656' to 3,280' (199 to 1,000 m) per minute for maximum performance. A multi-position side handle lets you maneuver it with less operator fatigue. Comes with 10 Abrasive Belts (two each of five different grits).



CAT. NO.	DESCRIPTION
9031M	110V Belt Sander
9031	240V Belt Sander/AU Plug
EU9031M	240V Belt Sander/EU Plug

Minimum order: 1 each.

CRL 1-1/8" x 21" (29 x 533 mm) Glass Grinding Belts

- Fast-Grinding 100% Polyester Backed Belts in 12 Grits From 40X to CORK
- Ask About Our Large User Program

PROTECT

CRL Portable Grinding Belts for portable belt sanders have 100 percent polyester backing, allowing them to be used wet or dry. They are available in grits from 40X (Super Coarse) to CORK (Polishing) to fit most portable belt sanders.



MORE CHOICES crlaurence.com

MOST POPULAR GRITS FOR GLASS, AND EXAMPLES OF THEIR USE:

60X - Extra-Rough, Fast Glass Removal (Mitered Edge)
80X - Rough, Quick-Contouring (Auto Glass Edge)
120X - Smooth, Seaming and Polishing (Desk Top Edge)
220X - Extra-Smooth, Fine Frosted Finish (Glass Shelf Edge)
400X - Fine, Satin Finish (Opaque Edge)
CORK - Polish, Smooth Luster Finish

CAT. NO.	GRIT	QTY/BOX
CRL118X2140X	40X	10
CRL118X2160X	60X	10
CRL118X2180X	80X	10
CRL118X21100X	100X	10
CRL118X21120X	120X	10
CRL118X21150X	150X	10

CAT. NO.	GRIT	QTY/BOX
CRL118X21180X	180X	10
CRL118X21220X	220X	10
CRL118X21320X	320X	10
CRL118X21400X	400X	10
CRL118X21600X	600X	10
CRL118X21C0RK	CORK	5

Minimum order: 1 box. All Glass Grinding Belts can be combined for quantity pricing.
All Cork Belts can be combined for quantity pricing.

Makita is a registered trademark of Makita Corporation.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL 3" x 18" Portable Belt Sander With Dust Bag

MORE INFORMATION crlaurence.com

- Compact, Ergonomic Design
- 110V, 240V, and 220V Models
- Uses 3" x 18" (76 x 457 mm) Belts



PROTECT

CRL's 3" x 18" (76 x 457 mm) Belt Sander is powered by a strong 7.0 AMP motor which drives the belt at 1,240' (380 m) per minute. Features include an efficient dust collection system, a belt tracking system, lock-on switch for continuous use, and external brush caps for easy brush changes.

CAT. NO.	DESCRIPTION
LD318	120V Belt Sander With Dust Bag
LD318AU	240V Belt Sander With Dust Bag/AU Plug
LD318EU	220V Belt Sander With Dust Bag/EU Plug

Minimum order: 1 each.

CRL 3" x 18" (76 x 457 mm) Glass Grinding Belts

PROTECT

- Fast-Grinding 100% Polyester Backed Belts in Six Grits From 60X to CORK
- Ask About Our Large User Program



MORE CHOICES crlaurence.com

CRL 3" x 18" (76 x 457 mm) Glass Grinding Belts for portable belt sanders have 100 percent polyester backing, so you can use them wet or dry. They are available in grits from 60X (Extra-Rough) to CORK (Polishing) to fit most portable belt sanders.

MOST POPULAR GRITS FOR GLASS, AND EXAMPLES OF THEIR USE:

60X - Extra-Rough, Fast Glass Removal (Mitered Edge)
80X - Rough, Quick-Contouring (Auto Glass Edge)
120X - Smooth, Seaming and Polishing (Desk Top Edge)
220X - Extra-Smooth, Fine Frosted Finish (Glass Shelf Edge)
400X - Fine, Satin Finish (Opaque Edge)
CORK - Polish, Smooth Luster Finish

CAT. NO.	GRIT	QTY/BOX
CRL3X1860X	60X	10
CRL3X1880X	80X	10
CRL3X18120X	120X	10
CRL3X18220X	220X	10
CRL3X18400X	400X	10
CRL3X18C0RK	CORK	5

Minimum order: 1 box. All Glass Grinding Belts can be combined for quantity pricing.
All Cork Belts can be combined for quantity pricing.

More Abrasive Belts, Bands, Discs, and Hand Pads; Polishing Pads; Grinding Wheels and Bits; Seaming Tools at crlaurence.com/glass-sanding



CRL 3" x 21" Portable Belt Sander With Dust Bag

- Professional Quality Power Tool
- Sands Cleanly With Dust Collector
- Available in 110V, 240V, and 220V Models
- Double-Insulated

PROTECT

CE



MORE INFORMATION crlaurence.com

This highly portable, 3" x 21" (76 x 533 mm) CRL Belt Sander with Dust Bag is lightweight and easy to maneuver. It features a powerful 7.8 AMP motor for fast and even belt tracking, an efficientdust collector bag, a lock-on switch, and an extra long power cord.

CAT. NO.	DESCRIPTION
LD321	110V Belt Sander With Dust Bag
LD321AU	240V Belt Sander With Dust Bag/AU Plug
LD321EU	220V Belt Sander With Dust Bag/EU Plug

Minimum order: 1 each.

CRL Makita® 3" x 21" Belt Sander With Dust Bag

- Sands Cleanly With Dust Collector
- Lever Control for Belt Replacement
- Double-Insulated

PROTECT



This highly portable CRL Makita® 3" x 21" (76 x 533 mm) Belt Sander is lightweight and easy to maneuver. A powerful 8.8 AMP motor drives the belt from 690' to 1,440' (210 to 439 m) per minute to match the speed to the application. Features include an efficient dust collector, a lock-on switch, an extra long power cord, and flush-to-wall standard design. Comes with one abrasive belt (100 grit). Go to crlaurence.com/glass-sanding for specifications.

CAT. NO. 9903

CRL 3" x 21" (76 x 533 mm) Glass Grinding Belts

MORE CHOICES crlaurence.com

- Fast-Grinding 100% Polyester Backed Belts in 12 Grits From 36X to CORK
- Ask About Our Large User Program

PROTECT



CRL 3" x 21" (76 x 533 mm) Glass Grinding Belts for portable belt sanders have 100 percent polyester backing, so you can use them wet or dry. They are available in grits from 36X (Super Coarse) to CORK (Polishing) to fit most portable belt sanders.

MOST POPULAR GRITS FOR GLASS, AND EXAMPLES OF THEIR USE:

60X - Extra-Rough, Fast Glass Removal (Mitered Edge)
80X - Rough, Quick-Contouring (Auto Glass Edge)
120X - Smooth, Seaming and Polishing (Desk Top Edge)
220X - Extra-Smooth, Fine Frosted Finish (Glass Shelf Edge)
400X - Fine, Satin Finish (Opaque Edge)
CORK - Polish, Smooth Luster Finish

CAT. NO.	GRIT	QTY/BOX
CRL3X2136X	36X	10
CRL3X2140X	40X	10
CRL3X2150X	50X	10
CRL3X2160X	60X	10
CRL3X2180X	80X	10
CRL3X21100X	100X	10

CAT. NO.	GRIT	QTY/BOX
CRL3X21120X	120X	10
CRL3X21180X	180X	10
CRL3X21220X	220X	10
CRL3X21400X	400X	10
CRL3X21600X	600X	10
CRL3X21C0RK	CORK	5

Minimum order: 1 box. All Glass Grinding Belts can be combined for quantity pricing.
All Cork Belts can be combined for quantity pricing.

Makita is a registered trademark of Makita Corporation.

CRL 3" x 24" Portable Belt Sander With Dust Bag

- Professional Quality Power Tool
- Powerful 10 AMP Motor
- Double-Insulated

MORE INFORMATION
crlaurence.com

PROTECT



The CRL LD324 Belt Sander powers our most common abrasive belt: 3" x 24" (76 x 610 mm). This heavy-duty 10 amp power sander comes with a dust bag and is ruggedly built to provide years of service. Belt tensioning lever and belt centering adjustment screw are simple to use and easily accessible. Minimum order is one each.

CAT. NO. LD324

CRL Makita® 3" x 24" Portable Belt Sander With Dust Bag

- Fast-Sanding Belt Speed With Lever Control for Quick Belt Change
- Powerful 7.8 AMP Motor
- Belt Speed: 1,300' (396 m) Per Minute

PROTECT



Replacement Dust Bag
CAT. NO. 1222964



One of our most popular sanders, the CRL Makita® 9924DB uses any 3" x 24" (76 x 610 mm) abrasive or polishing belt. Lever control allows belts to be changed easily and quickly. A unique design allows flush-to-wall sanding, and an adjustable tracking mechanism ensures proper belt tension. It's externally accessible motor brushes allow for easy maintenance, and it comes with one abrasive belt (100 grit) and dust bag. Go to **crlaurence.com/glass-sanding** for specifications. Minimum order is one each.

CAT. NO. 9924DB

CRL 3" x 24" (76 x 610 mm) Glass Grinding Belts

- Fast-Grinding 100% Polyester Backed Belts in 14 Grits From 36X to CORK
- Ask About Our Large User Program

PROTECT



CRL 3" x 24" (76 x 610 mm) Glass Grinding Belts for portable belt sanders have 100 percent polyester backing, so you can use them wet or dry. They are available in grits from 36X (Super Coarse) to CORK (Polishing) to fit most portable belt sanders.

MORE CHOICES
crlaurence.com

MOST POPULAR GRITS FOR GLASS, AND EXAMPLES OF THEIR USE:

60X - Extra-Rough, Fast Glass Removal (Mitered Edge)
80X - Rough, Quick-Contouring (Auto Glass Edge)
120X - Smooth, Seaming and Polishing (Desk Top Edge)
220X - Extra-Smooth, Fine Frosted Finish (Glass Shelf Edge)
400X - Fine, Satin Finish (Opaque Edge)
CORK - Polish, Smooth Luster Finish

CAT. NO.	GRIT	QTY/BOX
CRL3X2436X	36X	10
CRL3X2440X	40X	10
CRL3X2450X	50X	10
CRL3X2460X	60X	10
CRL3X2480X	80X	10
CRL3X24100X	100X	10
CRL3X24120X	120X	10

CAT. NO.	GRIT	QTY/BOX
CRL3X24150X	150X	10
CRL3X24180X	180X	10
CRL3X24220X	220X	10
CRL3X24320X	320X	10
CRL3X24400X	400X	10
CRL3X24600X	600X	10
CRL3X24C0RK	CORK	5

Minimum order: 1 box. All Glass Grinding Belts can be combined for quantity pricing.
All Cork Belts can be combined for quantity pricing.

Makita is a registered trademark of Makita Corporation.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Makita® 4" x 24" Portable Belt Sander With Dust Bag

- 33 Percent More Sanding Surface Than 3" (76 mm) Models
- Extra Powerful 11 AMP Motor

MORE INFORMATION crlaurence.com

PROTECT



This extra-wide 4" x 24" (102 x 610 mm) CRL Makita® Belt Sander has 33 percent more sanding surface than 3" x 24" (76 to 610 mm) models, so it removes stock quicker. The powerful 11 AMP motor drives the belt at 1,640' (500 m) per minute. The multi-groove V-belt gives the improved power you need for heavy production use. It's designed for flush sanding, and is well balanced with a low center of gravity for better control. It features a built-in dust bag for clean convenience, and comes with one abrasive belt (100 grit). Minimum order is one each.

CAT. NO. 9403

CRL 4" x 24" (102 x 610 mm) Glass Grinding Belts

- Fast-Grinding 100% Polyester Backed Belts in 7 Grits From 40X to CORK
- Ask About Our Large User Program

PROTECT



CRL 4" x 24" (102 x 610 mm) Glass Grinding Belts for portable belt sanders have 100 percent polyester backing, so you can use them wet or dry. They are available in grits from 40X (Super Coarse) to CORK (Polishing) to fit most portable belt sanders.

MORE CHOICES crlaurence.com

MOST POPULAR GRITS FOR GLASS, AND EXAMPLES OF THEIR USE:

60X - Extra-Rough, Fast Glass Removal (Mitered Edge)
80X - Rough, Quick-Contouring (Auto Glass Edge)
120X - Smooth, Seaming and Polishing (Desk Top Edge)
220X - Extra-Smooth, Fine Frosted Finish (Glass Shelf Edge)
400X - Fine, Satin Finish (Opaque Edge)
CORK - Polish, Smooth Luster Finish

CAT. NO.	GRIT	QTY/BOX
CRL4X2440X	40X	10
CRL4X2460X	60X	10
CRL4X2480X	80X	10
CRL4X24120X	120X	10
CRL4X24220X	220X	10
CRL4X24400X	400X	10
CRL4X24C0RK	CORK	5

Minimum order: 1 box. All Glass Grinding Belts can be combined for quantity pricing.
All Cork Belts can be combined for quantity pricing.

CRL 3M® Duo-Glass Grinding Belts

PROTECT

- Silicon Carbide Grit
- Even-Run Seam for Smooth Flowing Action



CRL 3M® Duo-Glass high quality belts feature silicon carbide grit bonded to a strong, waterproof, cloth-backed belt. An even-run seam produces a smooth flowing action for a great finish on glass. A belt trusted throughout the industry and known for its quality and reliability. Five belts per box. All sizes and grits can be combined for quantity pricing.

3" X 21" (76 X 533 MM) SIZE

CAT. NO.	GRIT
3M3X2180X	80X
3M3X21120X	120X
3M3X21220X	220X

Minimum order: 1 box.

3" X 24" (76 X 610 MM) SIZE

CAT. NO.	GRIT
3M3X24220X	220X

Minimum order: 1 box.

4" X 24" (102 X 610 MM) SIZE

CAT. NO.	GRIT
3M4X24120X	120X

Minimum order: 1 box.

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3M is a registered trademark of 3M Company Corporation.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL 5" Disc Sander

PROTECT

- Professional Quality Power Tool
- Lightweight for Easy Operation
- Powerful Motor Provides 5,000 RPM
- 120V/60Hz 3.5 AMP Motor



MORE INFORMATION
crlaurence.com

CAT. NO. LD903
Minimum order is one each

CRL Makita® 5" Disc Sander/Polisher

- Powerful 4.2 AMP Motor
- 4,500 RPM for Fast and Efficient Sanding
- Lightweight, Weighs Only 2.6 Lbs. (1.2 kg)

PROTECT



CAT. NO. GV5000
Minimum order is one each

CRL Makita® 7" Disc Sander/Polisher

- Highest Power-to-Weight Ratio
- Quick-Flip™ Speed Change
- Two Speed Selections: Low (600 RPM) and Variable (600-2,000 RPM)
- Powerful 7.9 AMP Motor

PROTECT



CAT. NO. PV7001C
Minimum order is one each

CRL Pads for Stick-On Sanding Discs

- Holds "PSA" Stick-On Sanding Discs
- Three Sizes to Fit All Common Size Sanding Discs



CAT. NO. 5704



CAT. NO. PAD5 5" (127 mm)



CAT. NO. PAD6 6" (152 mm)



CAT. NO. PAD7 7" (178 mm)

CAT. NO.	SIZE	MOUNTING TYPE
PAD5	5" (127 mm)	5/16"-18 Male Stud
PAD6	6" (152 mm)	5/16"-18 Male Stud
PAD7	7" (178 mm)	5/8"-11 Thread
5704	-	5/8"-11 to 1/4" Diameter Shank Adapter

Minimum order: 1 each.

CRL Sanding Discs

- Fast Grinding 100% Polyester Backed Discs
- Bolt-On Type With Hole in Center Fits Most Disc Sanders
- Three Popular Sizes: 5", 6", and 7" (127, 152, and 178 mm)



5" (127 MM) SIZE		6" (152 MM) SIZE		7" (178 MM) SIZE	
CAT. NO.	GRIT	CAT. NO.	GRIT	CAT. NO.	GRIT
5X7860CB	60X	6X7860CB	60X	7X7860CB	60X
5X7880CB	80X	6X7880CB	80X	7X7880CB	80X
5X78120CB	120X	6X78120CB	120X	7X78120CB	120X
5X78220CB	220X	6X78220CB	220X	7X78220CB	220X
5X78400CB	400X	6X78400CB	400X	7X78400CB	400X

Minimum order: 50 each (1 box). All sizes and grits can be combined for quantity pricing.

Makita is a registered trademark of Makita Corporation.

CRL Stick-On Sanding Discs

- 100% Polyester Backing With Pressure Sensitive Adhesive
- Peel and Stick Application Saves Time
- Three Popular Sizes 5", 6", and 7" (127, 152, and 178 mm)



5" (127 MM) SIZE		6" (152 MM) SIZE		7" (178 MM) SIZE	
CAT. NO.	GRIT	CAT. NO.	GRIT	CAT. NO.	GRIT
PSA560	60X	PSA660	60X	PSA760	60X
PSA580	80X	PSA680	80X	PSA780	80X
PSA5120	120X	PSA6120	120X	PSA7120	120X
PSA5220	220X	PSA6220	220X	PSA7220	220X
PSA5400	400X	PSA6400	400X	PSA7400	400X

Minimum order: 50 each (1 box). All sizes and grits can be combined for quantity pricing.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL Diamond Hand Pads

- Long-Lasting Diamond Abrasive
- Works Great on Smooth or Uneven Surfaces
- Use Wet or Dry
- 2-1/4" x 3-3/4" (57 x 95 mm)



CAT. NO.	COLOR	GRIT
DHP60	Green	60X
DHP120	Black	120X
DHP220	Red	220X
DHP400	Yellow	400X
DHPSET	All	Set of All Four

Minimum order: 1 each.

CRL 3M® Flexible Diamond Hand Pads

- Available in Grits From 60X to 800X
- Use Wet or Dry
- 2-1/4" x 3-3/4" (57 x 95 mm)



CAT. NO.	COLOR	GRIT
Z2G6021	Green	60X
Z2B12018	Black	120X
Z2R22018	Red	220X
Z2Y40018	Yellow	400X
Z2W80018	White	800X
Z2SET	All	Set of All Five

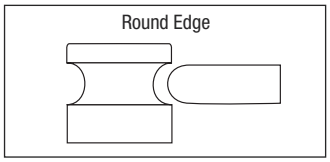
Minimum order: 1 each.

CRL Diamond Grinding Bits



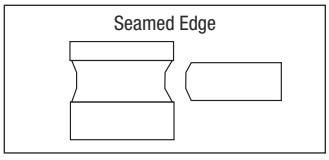


- Bonded 220X Diamond



The Round Edge Bit produces a round edge on 3/16" (5 mm) and 1/4" (6 mm) glass. Minimum order is one each.

CAT. NO. DRB14

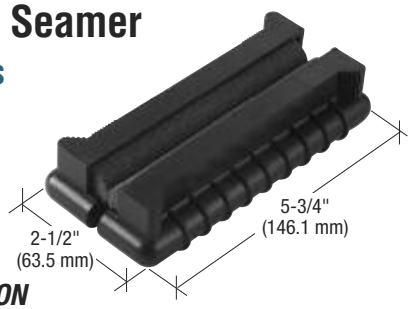


The Seamed Edge Bit produces an edge with flat arrises on 1/4" (6 mm) glass. Minimum order is one each.

CAT. NO. DSB14

CRL Hand Glass Seamer

- Seams Both Edges of Glass at Once
- For 1/8" to 1/2" (3 to 12 mm) Glass



MORE INFORMATION crlaurence.com

CAT. NO.	DESCRIPTION
2612251	Seamer Tool
2612252	One Replacement Stone

Minimum order: 1 each.

CRL Sanding Bands

- Fits Standard 1" and 2" (25 and 51 mm) Sanding Drums
- Both are 2" (51 mm) Long



1" CAT. NO.	2" CAT. NO.	GRIT	BANDS PER BOX
1X260X	2X260X	60X	10
1X280X	2X280X	80X	10
1X2120X	2X2120X	120X	10
1X2220X	2X2220X	220X	10

Minimum order: 1 box. Sizes and grits can be combined for quantity pricing.

CRL Sanding Drums

- For Sanding Cut-Outs and Incurves, Speak Hole and Mail Slot Openings



CAT. NO. 12SD



CAT. NO. 22SD

CAT. NO.	DIAMETER	LENGTH	SHANK
12SD	1" (25 mm)	2" (51 mm)	1/4" (6.4 mm)
22SD	2" (51 mm)	2" (51 mm)	1/4" (6.4 mm)

Minimum order: 1 each. Sizes can be combined for quantity pricing.

CRL 3M® Clean 'N Strip Disc

PROTECT

- Safer Than Wire Bristle Tools
- Clean and Strip Pinchwelds Quickly and Easily

3M is a registered trademark of 3M Company Corporation.



CAT. NO. 2007466
Minimum order is one each



CAT. NO. 2007501
1/4" Shank Fits All Drills
Minimum order is one each
(Sold Separately)

CRL Offers Solutions to Fit All Your Vacuum Lifting Requirements

- Hand-Held Vacuum Cups
- Below-the-Hook Vacuum Lifting Frames
- Custom Fabricated Lifting Frames

MORE INFORMATION crlaurence.com



CRL has worked through the decades to provide the industries with safe and practical methods of handling glass and other materials. The following pages represent the latest advancements in vacuum lifting technology with products made by safety conscious and demanding manufacturers. The versatility of the lifting equipment shown here can fulfill most every requirement for today's demands, but should you have unique applications that necessitate special parts fabrication, CRL has the capability of providing customized equipment engineered to meet your needs. For additional information, contact the CRL Customer Service Department at (800) 421-6144 in the U.S, (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 5275. You can also e-mail us through our web site, **crlaurence.com/support**.

Hand Held Lifters



Frequently called hand cups, vacuum cups or suction cups, Hand Held Lifters use manually operated pumps, levers or simple press-on application to create a vacuum. Different models are available for handling loads with flat, curved or textured surfaces.

Several factors determine the most appropriate style of hand cup to use, including the weight and type of material, the duration of the lift, and the attachment speed required. For carrying larger loads over longer distances, pump-style cups offer the greatest advantage. These cups are attached by pumping a plunger that removes air from between the load surface and the rubber pad. A red line on the plunger warns the user of any vacuum loss. Should the line reappear during the lift, a check valve allows the user to repump the cup without losing the remaining vacuum. In contrast, handling speed may be a primary concern with lighter, smaller loads. In this case, lever-style or press-on cups could be an appropriate choice.

When using any type of manually operated vacuum cup, it is important that the surfaces of the load and of the cup itself be relatively free of contaminants that could cause the load to slip. This is particularly true for press-on and lever-style cups, because vacuum indicators are usually not present, and the vacuum level attained may be less than that of pump-style cups.



CAT. NO. S338



CAT. NO. W4950



CAT. NO. 05062

Independent Testing Results



Based on the independent laboratory testing at Advanced Technology Testing and Research in Springvale, Victoria, Australia, quality assurance at the highest level is maintained during all phases of CRL Manufactured Vacuum Lifters.

Under stringent conditions, CRL brand Vacuum Lifters were set up in an Instron Tensile Test Machine using a specially designed rig to secure the Vacuum Lifter and a glass plate. Load was then applied at a constant rate until a failure took place well above our noted lifting capacities.

CRL Vacuum Handling Equipment Repair Service

- Keep Your Vacuum Lifting Equipment Safe

C.R. Laurence Co. also offers a repair service to keep all your vacuum handling equipment in safe operating condition. We are the only authorized service center for Wood's Powr-Grip® products. To arrange repairs, please contact CRL Customer Service Department by e-mail at **glazing@crlaurence.com** or call us in the U.S. at (800) 421-6144, from Canada at (877) 421-6144, or (323) 588-1281 International, and ask for extension 5275.



Wood's Powr-Grip is a registered trademark of Wood's Powr-Grip Co., Inc.

CRL Sure-Grip 8" Vacuum Lifter

- Greatest Lifting Capacity of Any 8" (203 mm) Pump Activated Vacuum Lifter
- Meets CE and GS Conformance
- Comfortable Grip
- Convenient Vacuum Indicator and Release
- Superior "Press and Pump" Attachment Feature
- Superior Lifting Capacity Performance
- Eligible for Exchange Program

MORE CHOICES crlaurence.com

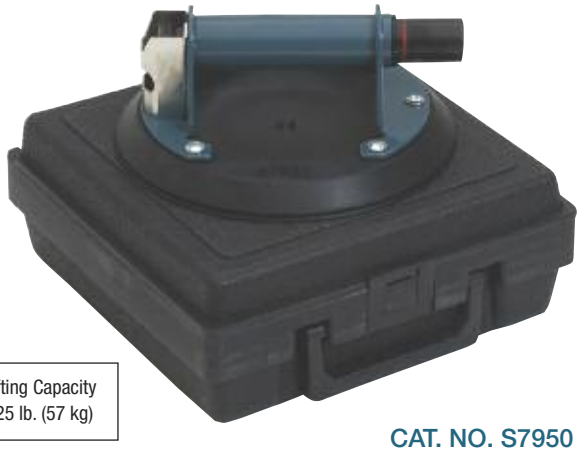


Lifting Capacity
150 Lbs. (68 kg)

CAT. NO. S338
Minimum order is one each

CRL S7950 8" Pump-Action Vacuum Lifter

- Heavy-Duty Stainless Steel Handle
- Tough ABS Plunger With Red-Line Indicator
- Fast Attachment on Smooth, Nonporous Flat Surfaces
- Can Be Re-Pumped Without Losing Remaining Vacuum
- Wide Release Valve Lever With Safety Guard Permits Quick and Complete Release
- 8" (203 mm) Vacuum Pad
- Special Distributor Pricing Available



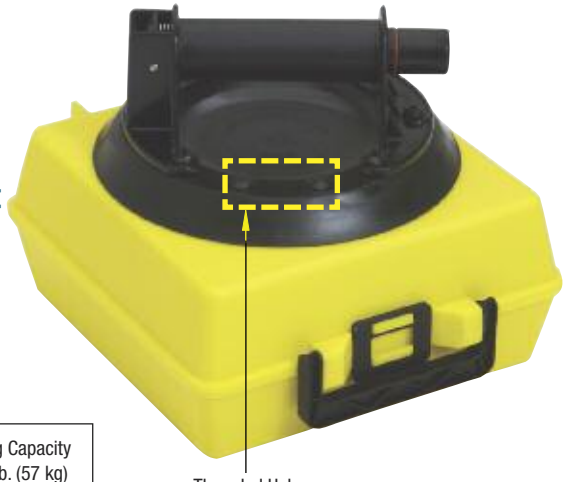
Lifting Capacity
125 lb. (57 kg)

CAT. NO. S7950
Minimum order is one each

CRL S108 8" Pump-Action Vacuum Lifter

- Proven Reliability Throughout the World
- Fast, Safe Attachment to Smooth, Nonporous Flat Surfaces
- Four Extra Mounting Points Make it Easy to Attach to Metal Lifting Frames, Jigs, and Our Vacuum Ratchet Tensioning Kit
- Heavy-Duty 5 mm Thick ABS Handle Resists Bending, Especially During Heavy Lifts
- 8" (203 mm) Vacuum Pad
- Eligible for Exchange Program

MORE INFORMATION crlaurence.com



Lifting Capacity
120 lb. (57 kg)

CAT. NO. S108
Minimum order is one each

CRL 8" ABS Handle Pump-Action Vacuum Lifter for Curved Surfaces

- Designed Primarily for Lifting Curved Architectural Glass
- Red-Line Indicator Warns User of Any Vacuum Loss
- Thumb Trigger for Instant Release
- Includes Protective Carrying Case
- 8" (203 mm) Vacuum Pad
- Eligible for Exchange Program

Lifting Capacity
125 Lbs. (57 kg)



CAT. NO. S109
Minimum order is one each

CRL 10" ABS Handle Pump-Action Vacuum Lifter for Flat Surfaces

- Designed to Carry Large Sheets of Glass, Marble or Stone Safely
- Red-Line Indicator Warns User of Any Vacuum Loss
- Supplied With Protective Carrying Case
- 10" (254 mm) Vacuum Pad
- Eligible for Exchange Program

Lifting Capacity
175 Lbs. (80 kg)



CAT. NO. S110
Minimum order is one each

CRL 6" Vertical Handle Pump-Action Vacuum Lifter

MORE CHOICES crlaurence.com

- Rigid Handle Provides Support for Easy Glass Positioning
- Lightweight ABS Handle, Designed for Convenient Hand Placement
- Large-Volume Pump for Quick Attachment on Curved or Flat Surfaces
- Red-Line Indicator Warns User of Any Vacuum Loss
- Eligible for Exchange Program
- Includes Protective Cover for 6" (152 mm) Vacuum Pad

Lifting Capacity
55 lbs. (25 kg)



CAT. NO. S106VHP
Minimum order is one each

CRL Brand Vacuum Lifter Exchange Program

- Your Safety Is Our Concern - Never Use Unsafe Vacuum Lifters
- Conserve Resources - Exchange Your CRL Vacuum Lifter Instead of Replacing It
- Available From All C.R. Laurence Shipping Locations



Exchange This (Worn)



For This (Reconditioned)

C.R. Laurence offers an exchange service to keep your Vacuum Lifters in safe operating condition. Exchanges may be made for 6" (152 mm) Cat. No. S106VHP Vertical Handle Vacuum Lifters, 8" (203 mm) Cat. No. S108 ABS Handle Vacuum Lifters, 8" (203 mm) Cat. No. S338 Sure-Grip Vacuum Lifters, 8" (203 mm) Cat. No. S109 ABS Handle Vacuum Lifters for curved glass, and 10" (254 mm) diameter Cat. No. S110 ABS Handle Vacuum Lifters.

Because this service relies on a continued source of parts to recondition, a remanufactured Vacuum Lifter is only available in exchange for another lifter. Minimum order is one each.



CAT. NO. XCS338



CAT. NO. XCS108



CAT. NO. XCS109



CAT. NO. XCS110



CAT. NO. XCS106VHP

NOTE: Remanufactured (exchanged) Vacuum Lifters meet the exact factory specifications and pass the same tests as new ones.

Your CRL Vacuum Lifter is a valuable tool, but like any other frequently used item it can wear out or become damaged. Your options at this point are to replace it (costly), or repair it (time-consuming). CRL now offers an alternative that saves both time and money – the CRL Vacuum Lifter Exchange Program. Bring your worn Vacuum Lifters to any C.R. Laurence service center or send it there by U.P.S. or mail. We replace it with a factory reconditioned lifter, normally within 24 hours, at a price that beats buying a new one, and is comparable (and quicker) than having it repaired. We can perform this service at each of our conveniently located service centers, reducing turnaround and shipping times. Remanufactured (exchanged) Vacuum Lifters meet exacting factory specifications and pass the same tests as new ones. If you are unable to bring your CRL Vacuum Lifters to a CRL service center, please visit our web site, **crlaurence.com/xcups.** There you will be guided to a page where you can download and print our exchange form as well as a shipping label for your nearest CRL Service Center.

CRL Vacuum Cups With Threaded Mounts

- Accessory Mount With Threaded Stud for Attaching Equipment
- Two Thread Sizes to Choose From
- 55 lbs. (30 kg) Attachment Capacity
- 6" (152 mm) Diameter Cups are Pump-Activated

MANUFACTURED IN AUSTRALIA BY C.R. LAURENCE



CAT. NO. S138MC
3/8" - 16 Thread



CAT. NO. S114MC
1/4" - 20 Thread

CRL 5" Heavy-Duty Double Vacuum Lifter

MORE CHOICES crlaurence.com

- Classic Style Metal Frame
- Industry Proven Design
- Large 5" (127 mm) Vacuum Pads are Trigger Activated

Lifting Capacity
125 Lbs. (56 kg)



CAT. NO. 550
Minimum order is one each

CRL 5" Heavy-Duty Triple Vacuum Lifter

Lifting Capacity
150 Lbs. (68 kg)

- The Professional Glazier's Choice
- Heavy-Duty Metal Frame
- Large 5" (127 mm) Vacuum Pads are Trigger Activated



CAT. NO. 555
Minimum order is one each

CRL Aluminum Single Pad Vacuum Lifter

CE

Lifting Capacity
66 Lbs. (30 kg)



- One-Handed Operation
- Suitable for Slightly Curved or Textured Surfaces
- 4-1/2" (114 mm) Vacuum Pads

CAT. NO. 05061
Minimum order is one each

CRL Plastic Single Pad Vacuum Lifter

MORE CHOICES
crlaurence.com

Lifting Capacity
66 Lbs. (30 kg)



- Lightweight Plastic Design
- One-Handed Operation
- 4-1/2" (114 mm) Vacuum Pads

CAT. NO. 05061P
Minimum order is one each

CRL Aluminum Double Pad Vacuum Lifter

CE

Lifting Capacity
132 Lbs. (60 kg)



- Handle Design Allows Easy Maneuvering
- Suitable for Slightly Curved or Textured Surfaces
- 4-1/2" (114 mm) Vacuum Pads

CAT. NO. 05062
Minimum order is one each

CRL Plastic Double Pad Vacuum Lifter

Lifting Capacity
132 Lbs. (60 kg)



- Two Individually Operated Pads
- Lightweight Plastic Body
- 4-1/2" (114 mm) Vacuum Pads

CAT. NO. 05062P
Minimum order is one each

CRL Aluminum Triple Pad Vacuum Lifter

CE

Lifting Capacity
220 Lbs. (100 kg)



- Three Suction Pads Individually Operated
- Strong, Lightweight Aluminum
- 4-1/2" (114 mm) Vacuum Pads

CAT. NO. 05063
Minimum order is one each

CRL Plastic Double Swivel Vacuum Lifter

Lifting Capacity
132 Lbs. (60 kg)



- Plastic Handle and Double 4-1/2" (114 mm) Vacuum Pads
- Movable Pads Self-Adjust to Curved Glass

CAT. NO. 911VC
Minimum order is one each

CRL Wood's Powr-Grip® 8" Vacuum Cup

C.R. Laurence Co. has proudly represented Wood's Powr-Grip® Co. to the industries we serve for over 40 years.

- Durable Metal Handle
- Fast Attachment on Smooth, Nonporous Flat Surfaces
- Red-Line Indicator Warns User of Any Vacuum Loss
- Check Valve Allows Re-Pumping Without Loss of Remaining Vacuum
- Release Valve Lever Permits Quick, Complete Release
- Eligible for Exchange Cup Program

CE

Lifting Capacity
125 lbs. (57 kg)

- 8" (203 mm) Diameter

MORE CHOICES
crlaurence.com



CAT. NO. W4950
Minimum order is one each

CRL Wood's Powr-Grip® 9" Vacuum Cups

CE

Lifting Capacity
150 lbs. (68 kg)

- Durable Metal Handle
- Red-Line Indicator Warns User of Any Vacuum Loss
- Check Valve Allows Re-Pumping Without Loss of Remaining Vacuum
- Release Valve Lever Permits Quick and Complete Release
- The W5450CS is Designed to Lift Curved and Flat Loads
- Eligible for Exchange Cup Program

- 9" (229 mm) Diameter



CAT. NO. W5450
Minimum order is one each



CAT. NO. W5450CS
Concave Rubber Pad
Minimum order is one each

CRL Wood's Powr-Grip® 10" Vacuum Cup

- Durable Metal Handle
- Deep, Concave Pad for Easy Attachment on Curved or Irregular Non-Porous Surfaces (Not for Use on Thin, Fragile Materials)
- Red-Line Indicator Warns User of Any Vacuum Loss
- Check Valve Allows Re-Pumping Without Loss of Remaining Vacuum
- Release Valve Lever Permits Quick and Complete Release
- Eligible for Exchange Cup Program

CE

Lifting Capacity
175 lbs. (79 kg)

- 10" (254 mm) Diameter

MORE INFORMATION
crlaurence.com



CAT. NO. W6450
Minimum order is one each

All Wood's Vacuum Cups can be combined for quantity pricing.
Wood's Powr-Grip is a registered trademark of Wood's Powr-Grip Co., Inc.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL Wood's Powr-Grip® Plunger Assembly With Low Vacuum Audio Alarm

• Durable, Metal-Clad Plunger Emits an Audible Warning in the Case of a Vacuum Loss

MORE INFORMATION crlaurence.com

The Low Vacuum Audio Alarm adds another dimension of safety to handling materials with Powr-Grip's® world-famous Vacuum Cups. In addition to the visible red-line indicator, the plunger incorporates an audible indicator to signal any vacuum loss. In applications where it is difficult to maintain visual confirmation of the vacuum level, the Audio Alarm provides the security of knowing that vacuum is sufficient for lifting. With automatic on/off function, the Audio Alarm is as simple to operate as any standard Powr-Grip® cup. Minimum order is one each.



CAT. NO. WBP1

FEATURES:

- Ideal for use with Hand Cup Frames, the Ace Dolly, and other products that incorporate hand cups not held by the user.
- Available with any new W-Series Vacuum Cup (including Cat. No. W4000, W4950, W5450, and W6450), or separately for Powr-Grip® hand cups currently in the field.
- Advanced design automatically turns alarm on or off as necessary, eliminating power switch, increasing battery life, and simplifying operation.
- Comes complete with long-lasting, easy-to-replace AAA battery.

SPECIFICATIONS:

- Volume: 70 dBa at 36" (914 mm)
- Power Source: one AAA, 1.2-1.5 volt battery; automatic on/off function
- Battery Life: provides 30 hours of continuous tone

CRL Wood's Powr-Grip® 8" Vacuum Cups With Low Vacuum Audio Alarm

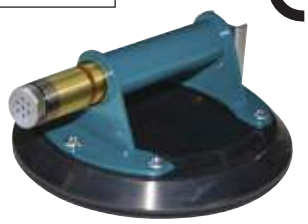
• 8" (203 mm) Vacuum Cups With Two Handle Type Options

CRL Wood's 8" (203 mm) diameter Vacuum Cups are available in a lightweight, heavy-duty ABS handle or durable metal handle. The Cups are easily attached to smooth, nonporous flat surfaces. The red-line indicator provides user with visual warning of any vacuum loss. Low Vacuum Audio Alarm supplements visual red-line indicator with an audible indicator, increasing peace of mind in circumstances that make it difficult to monitor the visual indicator. Advanced design automatically turns Audio Alarm on or off as necessary, eliminating power switch, increasing battery life, and simplifying operation. Release valve lever permits quick and complete release. Supplied with protective Carrying Case. Minimum order is one each.

Lifting Capacity 125 lbs. (57 kg)



CAT. NO. W4000WBP
8" (203 mm) Cup with ABS Handle



CAT. NO. W4950WBP
8" (203 mm) Cup with Metal Handle

CRL Wood's Powr-Grip® 9" Vacuum Cup With Low Vacuum Audio Alarm

• Flexible Vacuum Pad Edge for Materials That May Bend or Flex When Lifted

• 9" (229 mm) Diameter

CRL Wood's 9" (229 mm) diameter Vacuum Cups are available with a durable metal handle. Low Vacuum Audio Alarm supplements visible red-line indicator with an audible indicator, adding a measure of safety in circumstances that make it difficult to monitor the visual indicator. Plunger emits an audible warning to the user and others, in the case of a vacuum loss. Advanced design automatically turns Audio Alarm on or off as necessary, eliminating power switch, increasing battery life, and simplifying operation. Check valve allows re-pumping without loss of vacuum. Release valve lever permits quick and complete release. Supplied with protective Carrying Case. Minimum order is one each.

Lifting Capacity 150 lbs. (68 kg)



CAT. NO. W5450WBP
9" (229 mm) Cup with Metal Handle

CRL Wood's Powr-Grip® 10" Vacuum Cup With Low Vacuum Audio Alarm

• Deep Concave Pad for Curved or Irregular Surfaces

• 10" (254 mm) Diameter

This CRL Wood's 10" (254 mm) diameter Vacuum Cup is available with a heavy-duty metal handle. They have deep, concave pads for easy attachment on curved or irregular nonporous surfaces. Not for use on thin, fragile materials. The minimum radius for curved loads is 13" (330 mm). Low Vacuum Audio Alarm supplements visible red-line indicator with an audible indicator, increasing peace of mind in circumstances that make it difficult to monitor the visual indicator. Advanced design automatically turns Audio Alarm on or off as necessary, eliminating power switch, increasing battery life, and simplifying operation. Release valve lever permits quick and complete release. Supplied with protective Carrying Case. Minimum order is one each.

Lifting Capacity 175 lbs. (79 kg)



CAT. NO. W6450WBP
10" (254 mm) Cup with Metal Handle

All Wood's Vacuum Cups can be combined for quantity pricing.
Wood's Powr-Grip is a registered trademark of Wood's Powr-Grip Co., Inc.

CRL Wood's Powr-Grip® 8" ABS Handle Vacuum Cup

- Lightweight, Heavy-Duty ABS Handle
- Check Valve Allows Re-Pumping Without Loss of Remaining Vacuum
- Release Valve Lever Permits Quick and Complete Release
- Fast Attachment on Smooth, Nonporous Flat Surfaces
- Red-Line Indicator Warns User of Any Vacuum Loss
- Supplied With Protective Carrying Case
- Eligible for Exchange Cup Program



The W4000 is a value priced Vacuum Cup for use with flat glass. The ABS polymer used in the pump and handle makes the Cup lightweight, strong, and rust-resistant. A red-line on the pump's plunger indicates the vacuum level of the W4000. When the 8" (203 mm) diameter Cup is attached completely, the plunger is partially hidden inside the pump and the red-line is not visible. A visible red-line indicates vacuum is not sufficient for lifting. If the red-line starts to show during a lift, a check valve allows the user to re-pump the Vacuum Cup without losing the remaining vacuum. When the lift is completed, a release mechanism allows air to refill the evacuated space under the Vacuum Pad, so that release is complete.

CAT. NO.	DESCRIPTION	LIFTING CAPACITY
W4000	8" (203 mm) ABS Handle Vacuum Cup	125 lbs. (57 kg)

Minimum order: 1 each.

CRL Wood's Powr-Grip® Hybrid Handle Vacuum Cups

- Easy Attachment on Smooth, Nonporous Surfaces
- Durable Metal Handle With ABS Plunger
- Red-Line Indicator Warns User of Any Vacuum Loss
- Rust-Resistant Components



CRL Wood's Vacuum Cups with Hybrid Plunger/Handles combine Powr-Grip's® lightweight ABS plunger, durable metal handle, and rubber vacuum pad to create a heavy-duty, rust resistant cup for use in humid or wet environments. Reliable and economical, these vacuum cups work for handling windows and other flat glass products, as well as for handling stone slabs in fabrication settings. A built-in check valve allows re-pumping without loss of vacuum, and a release lever permits quick and complete release. Supplied with protective Carrying Case.

CAT. NO.	DESCRIPTION	LIFTING CAPACITY
H4300	8" (203 mm) Hybrid Handle Vacuum Cup	125 lbs. (57 kg)
H5300	9" (229 mm) Hybrid Handle Vacuum Cup	150 lbs. (68 kg)
H6300	10" (254 mm) Hybrid Handle Vacuum Cup*	175 lbs. (79 kg)

Minimum order: 1 each. * Designed for use with curved surfaces. Do not use for thin, fragile materials.

CRL Wood's Powr-Grip® 8" Textured Surface Vacuum Cups

- 8" (203 mm) Diameter Cup Specifically Designed for Patterned or Irregular Glass
- Available in Two Models (Metal or ABS Handle)



CAT. NO. TS8M
Metal Handle Cup



CAT. NO. TS8P
ABS Handle Cup

The CRL Wood's Powr-Grip® Textured Surface Cup features a softer vacuum pad with a larger sealing edge specifically designed for irregular surfaces such as textured glass. The 8" (203 mm) diameter pad is made of a low durometer rubber, so the cup will attach to most textured surfaces, and carries a 75 lb. (34 kg) lifting capacity. Available in two styles: Cat. No. TS8M Metal Handle; Cat. No. TS8P ABS Handle. Both Cups are supplied with a protective Carrying Case.

NOTE: Although made specifically for patterned or irregular glass, the Cup can not be guaranteed to work on materials having extreme surface variations.

CAT. NO.	DESCRIPTION	LIFTING CAPACITY
TS8M	8" (203 mm) Metal Handle Textured Surface Vacuum Cup	75 lbs. (34 kg)
TS8P	8" (203 mm) ABS Handle Textured Surface Vacuum Cup	75 lbs. (34 kg)

Minimum order: 1 each.

All Wood's Vacuum Cups can be combined for quantity pricing.
Wood's Powr-Grip is a registered trademark of Wood's Powr-Grip Co., Inc.

CRL Wood's Powr-Grip® 6" Vertical Handle Vacuum Cup

- Durable Metal Handle, Designed for Convenient Hand Placement
- Handle Position is Ideal for Use With Windshields
- Available With Standard or Low Vacuum Audio Alarm Plunger
- Large-Volume Pump for Quick Attachment on Curved or Flat Surfaces
- Red-Line Indicator Warns User of Any Vacuum Loss
- Lift Tabs on Pad Edges Permit Instant Release
- Eligible for Exchange Cup Program
- Includes Protective Cover for 6" (152 mm) Pad

CE

Lifting Capacity
70 lbs. (32 kg)



MORE CHOICES crlaurence.com

CAT. NO.	DESCRIPTION
W6100	Cup With Standard Plunger
W6100WBP	Cup With Low Vacuum Audio Alarm Plunger

Minimum order: 1 each. All Wood's Cups can be combined for quantity pricing.

CRL Wood's Powr-Grip® 6" Rigid Handle Vacuum Cups

- Offset, Fixed Handle Helps Prevent Load From Swinging or Changing Orientation When Lifted
- Strong Enough for Most Jobs, Yet 6" (152 mm) Diameter is Small Enough to Fit in a Tool Box
- Red-Line Indicator Warns User of Any Vacuum Loss
- Lift Tabs on Pad Edges Permit Instant Release

CE

Lifting Capacity
70 lbs. (32 kg)



CAT. NO. W6250
For Flat Materials



CAT. NO. W6200
For Curved Materials

Minimum order: 1 each.

CRL Wood's Powr-Grip® Vacuum Cup Exchange Program

MORE INFORMATION crlaurence.com

- Your Safety is Our Concern-Never Use Unsafe Vacuum Cups
- Conserve Resources-Exchange Your Powr-Grip® Vacuum Cup Instead of Replacing It
- Exchanges Available for Catalog Numbers W4950, W4000, W5450, W6450, and W6100
- Available From All C.R. Laurence Shipping Locations

Your Wood's Powr-Grip® might be one of your most valuable tools, but like any other frequently used item it can wear out or become damaged. Your options at this point are to replace it (costly), or repair it (time-consuming). CRL now offers an alternative that saves both time and money–the CRL Wood's Powr-Grip® Exchange Program. Bring your worn Powr-Grip® Vacuum Cups to any C.R. Laurence service center or send it there by U.P.S. or mail. We replace it with a factory reconditioned cup, normally within 24 hours, at a price that beats buying a new one, and is comparable (and quicker) than having it repaired. We can perform this service at each of our conveniently located service centers, reducing turnaround and shipping times.



Exchange This Worn Cup



For This Reconditioned Cup



CAT. NO. XC4950



CAT. NO. XC4000



CAT. NO. XC5450



CAT. NO. XC6450



CAT. NO. XC6100

NOTE: Remanufactured (exchanged) vacuum cups meet the exact factory specifications and pass the same tests as new ones.

If you are unable to bring your Powr-Grip® Vacuum Cups to a CRL service center, please visit our web site, **crlaurence.com** and enter "exchange forms" in the search box. There you will be guided to a page where you can download and print our exchange form, as well as a shipping label for your nearest CRL service center.

Wood's Powr-Grip is a registered trademark of Wood's Powr-Grip Co., Inc.

CRL Wood's Powr-Grip® 8" Low Marking Vacuum Cup

- Low-Marking Rubber Compound Will Not Mark or Stain Most Surfaces
- Lipped 8" (203 mm) Vacuum Pad Attaches Faster and Easier to Nonporous Flat Surfaces
- Red-Line Indicator Warns User of a Significant Vacuum Loss
- Cast Metal Handle

Lifting Capacity
125 lbs. (57 kg)



CAT. NO. W4800LM
Minimum order is one each

CRL Wood's Powr-Grip® 8" High-Elevation Vacuum Cup

MORE CHOICES
crlaurence.com

- Designed for Use at Elevations Up to 12,000 Feet (3.6 km)
- Blue Plunger Enables User to Distinguish This 8" (203 mm) Vacuum Cup From Standard Cups

Lifting Capacity
100 lbs. (45 kg)



CAT. NO. W4100
Minimum order is one each

CRL 7" Curved Glass Vacuum Cup

- Ideal for Use on Windshields
- Red-Line Indicator Warns User of Any Vacuum Loss
- Durable Metal Handle and Brass Plunger
- Concave 7" (178 mm) Pad for Curved Surface

Lifting Capacity
70 lbs. (32 kg)



CAT. NO. WH9601HP7B
Minimum order is one each

CRL Rectangular Single Suction Cup

- Unique 6-1/4" x 3-1/2" (159 x 89 mm) Rectangular Shape Pad
- Swivel Handle
- Flip Trigger to Release

Lifting Capacity
40 lbs. (18 kg)



CAT. NO. WH9601S
Minimum order is one each

CRL Glass Handler Kit

- Ultimate Kit Allows One Man to Set Large Windshields
- Reduces Back Strain
- Foam Elbow Pad Rests On Hood/Cowl Area for Pivot Point



CAT. NO. K1T1710



The Glass Handler Kit contains: Two 6" (152 mm) diameter Pump-Actuated Vacuum Cups, Foam Block Elbow Pad, Suction Cup Lubrication, and an Instruction Video, all packed in a sturdy plastic Carrying Case. Minimum order is one each.

Wood's Powr-Grip is a registered trademark of Wood's Powr-Grip Co., Inc.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Wood's Handi-Grip™ Vacuum Cup

- Lightweight and Compact
- Unique 3" x 6" (76 x 152 mm) Oval Shape for Lifting Long or Narrow Objects
- Lifting Capacity 40 Lbs. (18 kg)
- T-Handle Assures a Positive Grip for Added Safety



CAT. NO. RF36HG
Minimum order is one each

CRL 2-1/8" Little Grabber Lifter

- Single Finger Handle Provides Precise Control
- 4 Lb. (1.8 kg) Lifting Capacity
- 2-1/8" (54 mm) Diameter





CAT. NO. VC1230
Minimum order is one each

CRL 3-1/4" Knuckle Saver Lifter

- Comfortable Finger Handle Reduces Fatigue
- 10 Lb. (4.5 kg) Lifting Capacity
- 3-1/4" (83 mm) Diameter





CAT. NO. VC3825
Minimum order is one each

CRL 3-1/4" Push-Button Vacuum Lifter

- Push-Button Release Speeds Production
- 10 Lb. (4.5 kg) Lifting Capacity
- 3-1/4" (83 mm) Diameter

MORE CHOICES
crlaurence.com





CAT. NO. VC2260
Minimum order is one each

CRL Offers Solutions to Fit All Your Vacuum Lifting Requirements

- Hand-Held Vacuum Cups
- Below-the-Hook Vacuum Lifting Frames
- Custom Fabricated Lifting Frames

CRL offers a vast selection of stock lifting equipment that can fulfill most every requirement for today's demands, but should you have unique applications that necessitate special parts fabrication, CRL has the capability of providing customized equipment engineered to meet your needs. For additional information, contact the CRL Customer Service Department at (800) 421-6144 in the U.S, (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 5275. You can also e-mail us through our web site, **crlaurence.com/support**.

MORE INFORMATION
crlaurence.com











CRL Glass Handling and Manipulating Equipment

MORE CHOICES crlaurence.com

Handling glass can be a back breaker due to weight and size of the plates, as well as uneven grounds at construction sites. Having the right equipment will minimize the need for extra personnel as well as reduce the risk of injury and/or material damage. CRL offers many solutions in glass handling and manipulation equipment.

CRL Glasstrax Dolly

VIDEO

- 600 Lb. (275 kg) Capacity
- Self Clamping Action Locks Loads Up to 2" (50.8 mm) Thick
- One Person Can Load and Maneuver

The CRL Glasstrax Glass Dolly makes it easier than ever to move heavy glass lites smoothly and safely. Load your glass centered on the Glasstrax and the weight of the glass will automatically pull the rubber lined side walls together, clamping it in place. The more weight loaded, the tighter the grip. Self-adjustingfor glass or doors up to 2" (50.8 mm) thick. Minimum order is one each.





CAT. NO. GT02

CRL All Terrain Dolly

VIDEO

- Goes Where Other Glass Dollies Won't
- Heavy Welded Aluminum Construction
- 16" Diameter (406 mm) Two-Ply Pneumatic Tire
- Built-in 8" (203 mm) Wood's Powr-Grip® Vacuum Cup
- Includes One Set of CRL RB200 Roller Blocks

CRL's All Terrain Dolly is like having an extra person on the job site. Moving large glass lites, insulating units, patio door panels, and even stone slabs across any terrain is now a snap. Curbs, door sills, and scrap lumber are no longer obstacles when your crew is using the CRL All Terrain Dolly. Its large 16" (406 mm) diameter pneumatic tire won't bog down in the grass or dirt, common to residential and commercial job sites. This handy device also eliminates back and arm strain associated with carrying heavy loads suspended over long distances.

Included is a Wood's 8" (203 mm) diameter Powr-Grip® Vacuum Cup and a set of Cat. No. RB200 Roller Blocks to protect the cargo's edges once unloaded. The Roller Blocks are stored conveniently inside the frame of the All Terrain Dolly so you always know where to find them. Maximum capacity: 400 lbs. (181 kg). Minimum order is one each.



CAT. NO. ATD1
All Terrain Dolly



Patent Pending

MORE INFORMATION crlaurence.com



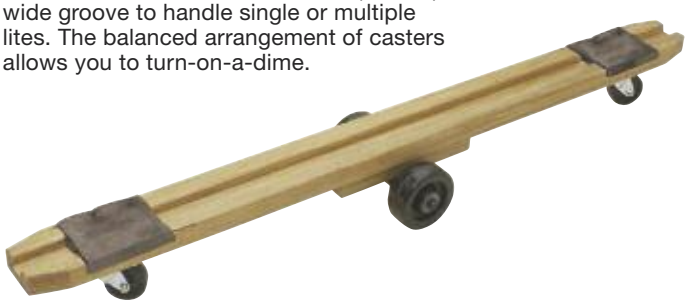
CAT. NO. RB200
Roller Blocks (Included)
Also available individually.
See page TE063.

Wood's Powr-Grip is a registered trademark of Wood's Powr-Grip Co., Inc.

CRL Glass Dolly

- Tough Phenolic Wheels
- Wood Frame Construction
- Felt Pads to Protect the Glass
- 350 Lb. (159 kg) Capacity

Use the CRL Plate Glass Dolly to move glass easier, and faster from upright storage. The hardwood stock has a 1-1/2" (38 mm) wide groove to handle single or multiple lites. The balanced arrangement of casters allows you to turn-on-a-dime.



CAT. NO.	OVERALL LENGTH	CAPACITY
13063	36" (914 mm)	350 lbs. (159 kg)
13065	60" (1524 mm)	350 lbs. (159 kg)
13066	72" (1829 mm)	350 lbs. (159 kg)

Sizes can be combined for quantity pricing. **NOTE:** Not available in Australia.

CRL Heavy-Duty Steel Frame Glass Dolly

MORE CHOICES crlaurence.com

- Sturdy Steel Construction
- Large Pneumatic Tires
- 12" Wheelbase for Added Stability
- 600 Lb. (272 kg) Capacity

CRL Heavy-Duty Steel Frame Glass Dollies can be used indoors or outside for transporting heavy plate glass or insulating units. Constructed from a rubber lined, 3" wide x 1/4" thick (76 x 6 mm), heavy steel channel which supports the glass 5-1/2" (140 mm) off of the floor.



CAT. NO.	OVERALL LENGTH	CAPACITY
2401280	48" (1219 mm)	600 lbs. (272 kg)
2401281	72" (1829 mm)	600 lbs. (272 kg)

Minimum order: 1 each.

CRL Framed Glass Handling Dolly

- Perfect for Framed Glass, Storefront Doors or Almost Any Flat Surfaced Item
- Carpeted Steel Carriage is Adjustable From 2-1/2" to 4-1/2" (63 mm to 114 mm)
- 300 Lb. (136 kg) Capacity

With the CRL Framed Glass Handling Dolly, heavy items such as storefront doors, framed windows, storm windows, I.G. units, or just about any other flat surfaced item can be easily moved in an upright position.

MORE INFORMATION crlaurence.com



CAT. NO. LD450
Minimum order is one each

CRL Four Wheel Glass Dolly

- Four Wheels for Extra Stability
- Vulcanized Rubber Frame to Protect the Glass
- 700 Lb. (320 kg) Capacity

This CRL Four Wheel Glass Dolly is designed to provide additional stability while transporting lites of glass within the shop environment or from your truck to the delivery site. The Dolly has two 8" (203 mm) diameter solid rubber wheels and two caster wheels. The inside width of the channel measures 3-1/8" (79 mm); overall length of the channel is 20" (508 mm).



CAT. NO. GSD3
Minimum order is one each

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL Split Case Dolly

- Designed for Transporting Large Cases of Plate Glass
- 4,400 Pound (1996 kg) Capacity

IN STOCK READY TO SHIP

MORE INFORMATION crlaurence.com

The CRL Split Case Dolly is designed as two separate carrying frames, each with a 12" diameter x 3" wide (305 x 76 mm) steel ball bearing wheel. The upper portion of the frame is made from 2" (51 mm) steel angle. It stands 47" tall and is 34" in length (1194 x 864 mm). The lower angle provides a 3" (76 mm) lip to support each side of the bottom edge of the glass crate. Once the glass crate is lifted, move the two halves of the dolly to the sides of the crate, close to the middle, and lower the crate onto the lower supporting angle. Once loaded into the Split Case Dolly glass crates weighing as much as 4,400 pounds (1996 kg) can be moved about your shop with relative ease. Minimum order is one pair. Must ship common carrier.





CAT. NO. 050

CRL Rol-A-Lift Hydraulic Glass Crate Truck

- Makes Open-End Case Storage and Handling Easy
- Lifts Crates Up to 12" (305 mm) Off the Floor
- Swivel Casters Allow for Maneuvering in Tight Places


Front View


Back View

IN STOCK READY TO SHIP


Sold Individually, Not in Pairs

The CRL Rol-A-Lift Hydraulic Jack is ideal for moving large crates of glass or other heavy objects. A pair of Rol-A-Lifts will lift large crates up to 4,000 pounds (1814 kg), up to 12" (305 mm) off the floor. Rol-A-Lifts can be used in tandem, and optional nylon straps are available as shown below. The overall height is 44" (1118 mm); the width is 23" (584 mm); the weight is 163 pounds (74 kg). Sold individually. Minimum order is one each. Must ship common carrier.

CAT. NO. M4R0L

CRL Rol-A-Lift Nylon Tie Straps

- For Use With M4R0L Rol-A-Lift

These heavy-duty Nylon Straps are used with the Cat. No. M4R0L Rol-A-Lift. They have steel "D" Ring Brackets on each end, and come with a ratchet clamp to tighten and lock the strap securely. All Straps have a 3,000 pound (1360 kg) working load limit. When moving large crates with two dollies, two straps are required. Straps can be joined for extra large crates.

CAT. NO.	LENGTH
97501	12' (3.6 m)
97520	20' (6.1 m)

Minimum order: 1 each.



CRL Tilting Crate Handler

- 4,000 Pound (1814 kg) Capacity
- Designed to Move Full Crates
- Solid Steel Construction

MORE CHOICES crlaurence.com

IN STOCK READY TO SHIP







The CRL Tilting Crate Handler can lean forward to lift crates like a common dolly then lean back on to its rollers for moving the crates throughout the shop. This Handler has extending support arms which extend 24" (610 mm) on either end, increasing the load capacity to 120" (3048 mm) wide. The back support braces are adjustable for changing the tilt angle of the Handler to increase the load capacity. Designed to carry loads up to 60" (1524 mm) high and 4,000 lbs. (1814 kg). This Handler measures 40" (1016 mm) wide, 72" (1829 mm) long (with extensions retracted), and 52" (1321 mm) high. Approximate shipping weight is 180 lbs. (82 kg). Ships dissassembled F.O.B. the nearest CRL service center. Minimum order is one each.

CAT. NO. AB

CRL Tilt Back Table Truck

- 4,000 Pound (1814 kg) Capacity
- Tilts Back to Become a Table

IN STOCK READY TO SHIP



Tilt it Back, It's a Table!

With the CRL Tilt Back Table Truck you can move crates around the shop, or it can be tilted back 90 degrees (with ample manpower) to act as a 26" (660 mm) high table supported by strong steel rear legs and front tip-up shoes. With the truck in this position, it becomes a stable surface for marking, cutting or unloading of glass. Maximum truck capacity is 4000 lbs. (1814 kg). Truck measures 50" (1270 mm) wide, 72" (1829 mm) long, and 56" (1422 mm) high. Approximate shipping weight is 200 lbs. (90.7 kg). Ships dissassembled F.O.B. the nearest CRL service center. Minimum order is one each.

CAT. NO. AWL

CRL "Jumbo" Flat Crate Truck

- 4,000 Pound (1814 kg) Capacity
- Handles Jumbo Size Crates

IN STOCK READY TO SHIP



This CRL Jumbo Crate Truck has the capability to move large crates with a maximum thickness up to 10" (254 mm) and a maximum height up to 72" (1829 mm). The heavy-duty tubular steel frame and the 6" (152 mm) diameter swivel casters (two locking) provide a maximum working capacity of 4,000 lbs. (1814 kg). This truck measures 48" (1270 mm) wide, 72" (1829 mm) long, and 73" (1854 mm) high. Shipping weight is 160 lbs. (72.6 kg). Ships dissassembled F.O.B. the nearest CRL service center. Minimum order is one each.

CAT. NO. J

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Hydraulic Boom Manipulator

- Can Be Knocked Down for Transporting and Re-Assembled in Minutes
- Reversible Boom With Minute Hydraulic Control
- 1,000 Pound (453 kg) Rating
- Large Wheels for Easy Rolling
- Manual Winch With 25' (7.6 m) Cable

OPTIONS AVAILABLE:
12 Volt DC Electric Winch with 25' (7.6 m) Winch Cable (Cat. No. R0WEWDC)

110 Volt AC Electric Winch with 25' (7.6 m) Winch Cable (Cat. No. R0WEW)

Ballast Containers - One pair (Cat. No. R0WBLST)



CAT. NO. R0W1

This innovative tool has a hydraulic controlled boom so you can set glass in place for glazing in difficult to reach positions. Used in conjunction with a vacuum lifting frame (not included, see page TE147), the CRL Hydraulic Boom Manipulator simplifies glass handling anywhere you use it. The boom can also be reversed, which extends the unit's reach. It is easily assembled without tools in only five minutes. You can knock down the unit and move it from floor to floor to glaze high-rise buildings from the inside. Simply lower the glass into position from one floor above using the standard manual winch. Put it in a pickup or van and move it from job to job. Electric Winch options are also available. The optional pair of movable ballast boxes keep it steady even under the maximum load of 1,000 lbs. (453 kg). Minimum order is one each. Shipping weight is 360 lbs. (163 kg). F.O.B. CRL service centers. Must ship common carrier.

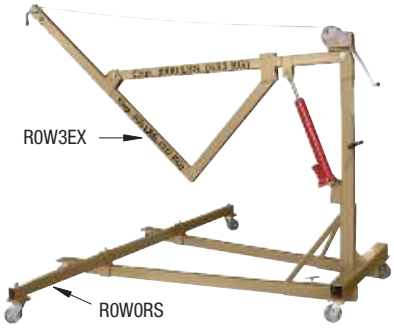
CRL Optional Extension Boom and Outrigger

MORE INFORMATION crlaurence.com

This optional Extension Boom extends the vertical reach of your R0W1 Manipulator by 36" (914 mm). It bolts on in minutes. CRL can also make a vertical Boom Extension to your specifications which will extend the Boom's reach up to 133-1/2" (3.4 m). The Outrigger Support gives stability to the R0W1 when used with vertical Boom Extensions exceeding 36" (914 mm).

CAT. NO.	DESCRIPTION	WEIGHT
R0W3EX	36" (914 mm) Boom Extension	60 lbs. (27 kg)
R0W0RS	Outrigger Support	90 lbs. (41 kg)

Minimum order: 1 each.





Vacuum Lifters and Frame sold separately

CRL Rolling Glass Manipulator

- Perfect for One Person Glass Transport and Installation
- Rotates Lites Up to 96" (2.4 m) Long
- Assembles in Minutes
- Unloads Glass Truck Racks and "A" Frames
- Extra Large 12" (305 mm) Vacuum Pads

VIDEO





CAT. NO. RGM1

Handling insulating glass and windows can be a back breaker due to the weight and size of the plates, as well as the uneven grounds at construction sites. CRL now offers the Rolling Glass Manipulator, an innovative small portable lifter that allows one person to move lites weighing up to 220 lbs. (100 kg) or two people up to 330 lbs. (150 kg). The RGM1 is lightweight and can easily be assembled in under a minute. Once assembled, the RGM1 can unload glass lites off your truck and then transport the lites on site. The wheelbase can be adjusted from 31-1/2" to 21-1/4" (800 to 540 mm), allowing for narrow on site walkways. The RGM1 allows the lite to be rotated 360 degrees, and then the operator can also index the lite allowing movement through standard 36" (914 mm) wide doorways. Minimum order is one each.

CRL Heavy-Duty Shop Carts

MORE CHOICES crlaurence.com

- Rugged 4,000 Pound (1814 kg) Capacity
- 8" (203 mm) Casters: Two Rigid, Two Swivel With Brake
- Heavy Rubber Lining on All Contact Surfaces
- 2" (51 mm) Wide Polyester Ratchet Straps

CRL Heavy-Duty Shop Carts are the answer to all your in-shop fabrication, storage, shipping, and receiving needs. Sturdy steel construction, and an open frame design allow easy visual check of the product. These Carts are perfect for moving product from one production stage to another, receiving vendor products prior to storage, the staging of product prior to shipping, or loading for job sites.

All three sizes feature a hot-dipped galvanized finish, heavy rubber lining on all contact points, and pull handles mounted on one end for easy maneuverability. The HDSC5448 has 11-1/2" (292 mm) ledge depth while the two larger carts both offer 10-1/4" (260 mm) ledge depth.



CAT. NO. HDSC5448



CAT. NO. HDSC8448



CAT. NO. HDSC8472

CAT. NO.	LENGTH	WIDTH	LOAD HEIGHT	OVERALL HEIGHT	STRAPS PER SIDE	WEIGHT
HDSC5448	54" (1372 mm)	38" (965 mm)	48" (1219 mm)	62" (1575 mm)	2	215 lbs. (97 kg)
HDSC8448	84" (2134 mm)	40" (1016 mm)	48" (1219 mm)	63" (1600 mm)	3	360 lbs. (163 kg)
HDSC8472	84" (2134 mm)	40" (1016 mm)	72" (1829 mm)	87" (2210 mm)	3	460 lbs. (209 kg)

Minimum order: 1 each. F.O.B. Woodstock, Illinois. Must ship common carrier.

CRL Single-Sided Shop Cart

MORE INFORMATION crlaurence.com

- 2,000 Pound (907 kg) Capacity
- Maneuverable in Tight Areas
- Two 10" (254 mm) Pneumatic Tires and Two 5" (127 mm) Solid, Locking Casters

The CRL Single-Sided Shop Cart is designed for shop and job site use. The combination of 5" (127 mm) locking swivel casters and 10" (254 mm) pneumatic tires, mounted outside of the welded steel frame for stability, make this Cart highly maneuverable in tight areas. Measuring 24" (610 mm) wide, 40" (1016 mm) long and 36" (914 mm) working load height, this Cart is perfect for job site elevators and the tight aisles in busy fabrication shops. All upright contact points are lined with neoprene rubber and the ledge depth is 6" (152 mm). Minimum order is one each. Ships F.O.B. Woodstock, Illinois. Must ship common carrier.



CAT. NO. 2401282

CRL Glass Transport Racks

- 4,000 Pound (1814 kg) Capacity
- Rubber Padding on All Contact Surfaces
- 16-3/4" (425 mm) Ledge Depth and Durable Hot-Dipped Galvanized Finish
- Removable Casters (Sold Separately)



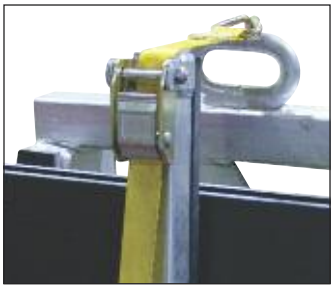
End Pick Up



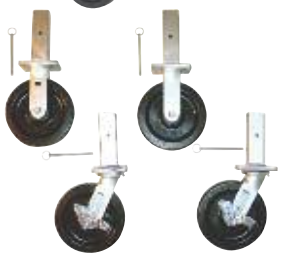
Side Pick Up



CAT. NO. 2404482
Shown With Optional 2404479 Casters



Stake Locks



8" (203 mm)
Caster Kit

These CRL Glass Transport Racks are the strongest, safest racks in the industry. Available in 82" and 96" (2.08 and 2.44 m) lengths, both Racks feature thick rubber padding on all contact surfaces, hot-dipped galvanized finish, multiple rubber lined stakes with ratchet tightened web strapping, and heavy cable eyes on each corner for crane lifting. Stakes are fitted into slots on the bottom of the ledge deck at 1/2" (12.7 mm) increments from front to back, ensuring secure pressure no matter the size of the load. Four-way forklift access permits a variety of loading and unloading options. Optional 8" (203 mm) Caster Kit converts stationary rack into mobile cart in less than a minute. Caster Kit includes two fixed casters, two swivel casters with locks, and four mounting posts with quick release pins.

CAT. NO.	LENGTH	WIDTH	LOAD HEIGHT	OVERALL HEIGHT	HEIGHT W/CASTERS	LEDGE DEPTH	STAKES PER SIDE	WEIGHT
2404482	82" (2083 mm)	44" (1118 mm)	48" (1219 mm)	58" (1473 mm)	69" (1753 mm)	16" (406 mm)	4	540 lbs. (245 kg)
2404481	96" (2438 mm)	44" (1118 mm)	60" (1524 mm)	70" (1778 mm)	81" (2057 mm)	16-3/4" (426 mm)	5	740 lbs. (336 kg)
2404479	8" Diameter Caster Kit With Mounting Posts and Quick Release Pins							

Minimum order: 1 each. Cat. No. 2404479 minimum order is 1 set. F.O.B. Woodstock, Illinois. Must ship common carrier.

CRL Single-Sided Transport Racks

MORE INFORMATION crlaurence.com

- Full Rubber Lining on All Contact Surfaces
- Durable Hot-Dipped Galvanized Finish

CRL Single-Sided Transport Racks are designed for use as internal racks for delivery and cube vans. The 16" (406 mm) ledge depth provides adequate space for glass, windows, doors, and anything else your project requires. These Racks feature full rubber lining on all contact surfaces, durable hot-dipped galvanized finish, and mounting pads for bolting directly to truck or van beds.





CAT. NO.	LENGTH	WIDTH	HEIGHT	STAKES	WEIGHT
TRSS2482	82" (2083 mm)	24" (610 mm)	50-1/2" (1283 mm)	4	340 lbs. (154 kg)
TRSS2496	96" (2438 mm)	24" (610 mm)	63" (1600 mm)	5	375 lbs. (170 kg)

Minimum order: 1 each. F.O.B. Woodstock, Illinois. Must ship common carrier.

CRL Harp Rack

MORE INFORMATION crlaurence.com

- Stores Full Size Plates or Cutoffs
- Glass Can Be Easily and Safely Retrieved
- Lightweight and Easy to Set Up
- Now With High-Density PVC Flooring

IN STOCK READY TO SHIP



40RACK SPECIFICATIONS:
Number of Slots: 40
Slot Width: 7/16" (11.1 mm)
Maximum Glass Size:
120" x 96" (3048 x 2438 mm)
Width: 39" (991 mm)
Depth: 101-3/4" (2584 mm)
Inside Height: 97" (2464 mm)
Weight: 500 lbs. (227 kg)
Ships KD F.O.B. Dallas, Texas.

CAT. NO. 40RACK



60RACK SPECIFICATIONS:
Number of Slots: 60
Slot Width: 7/16" (11.1 mm)
Maximum Glass Size:
120" x 96" (3048 x 2438 mm)
Width: 54" (1372 mm)*
Depth: 101-3/4" (2584 mm)
Inside Height: 97" (2464 mm)
Weight: 600 lbs. (272 kg)
Ships KD from nearest CRL service center.

CAT. NO. 60RACK

NOTE: Racks are heavy and require a forklift and/or a loading dock for delivery. Must ship common carrier. Minimum order is one each.

CRL 55 Unit Insulating Glass Storage Rack

IN STOCK READY TO SHIP

- Holds Units Up to 38" x 72" (965 x 1829 mm)
- 3000 Lb. (1360 kg) Load Capacity
- Welded Tubular Steel Construction Mounted on Four Heavy Duty Coasters



SPECIFICATIONS:
Number of Slots: 55
Slot Width: 1-1/16" (27 mm)
Minimum Glass Size: 18" (457 mm) Square
Maximum Glass Size: 38" x 72" (965 x 1829 mm)
Height: 41-1/2" (1054 mm)
Depth: 40" (1016 mm)
Length: 89" (2261 mm)
Weight: 380 lbs. (172 kg)
Load Capacity: 3000 lbs. (1360 kg)

NOTE: Racks are heavy and require a forklift and/or a loading dock for delivery. Must ship common carrier. Minimum order is one each.

CAT. NO. R55RACK

CRL 100 Piece Window Fabricator's Mobile Harp Rack

- Organizes Glass for Manufacturing Process
- 3000 Lb. (1360 kg) Load Capacity
- Numbering System for Sorting
- Five HD Casters



SPECIFICATIONS:
Number of Slots: 100
Slot Width: 7/16" (11 mm)
Maximum Glass Size: 46" x 60" (1168 x 1524 mm)
Height: 46-1/2" (1181 mm)
Depth: 47" (1194 mm)
Length: 100" (2540 mm)
Weight: 600 lbs. (272 kg)
Load Capacity: 3000 lbs. (1360 kg)

Minimum order is one each, F.O.B. Dallas, Texas. Must ship common carrier.
NOTE: Racks are heavy and require a forklift and/or a loading dock for delivery.

CAT. NO. R100RACK

CRL Roller Blocks

MORE INFORMATION crlaurence.com

- Rotate and Support Heavy Sheet or Insulating Glass With Ease
- Turn Over to Use as a Set of Resting Blocks
- Rubber Base Ensures Traction





CRL Roller Blocks are made from extremely strong, high-density polyethylene so they won't chip or scratch the glass. They are especially useful for tipping large, heavy sheets of glass 90 degrees vertically. Rubber pads placed inside and outside prevent slippage and provide traction for tipping. Maximum weight per Block is 400 lbs. (181 kg). Minimum order is one pair.

CAT. NO. RB200

CRL Glass Grippers



GG1 Single Grip



GG2 Double Grip

With the CRL Glass Grippers two people can easily lift and position large sheets of glass each using only one hand, leaving the other hand free to guide and position the glass into place. The steel frame has serrated vulcanized rubber pads, which tightly hold the glass without slipping, or damaging the glass surface.

CAT. NO.	DESCRIPTION	CAPACITY	QTY/PKG
GG1	Single Grip	220 lbs. (100 kg)	One Pair
GG2	Double Grip	440 lbs. (200 kg)	One Each

Minimum order: 1 pair of GG1, and 1 each of GG2.

CRL Glass Tongs

- For Working With Heavy Glass in Slot Racks
- Made From High Quality Steel



CRL Glass Tongs have rubber lined jaws so they do not scratch or mar your glass while in use. The extra-long handles give you a firm grip on the glass, and provide an extra safety margin in the event of sheet breakage. One end of the Tongs is hooked to give you a better grip when pulling sheets of glass out of your rack. Their overall length is 18" (457 mm), and they are made from drop-forged steel. Minimum order is one each.

CAT. NO. 404

CRL Plate Glass Lifter

- For Lifting and Setting Glass



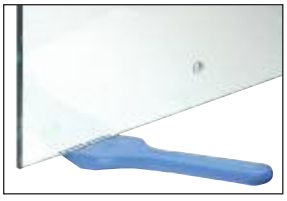
The popular CRL Plate Glass Lifter is used to lift or position large plates of glass for inserting setting blocks or shims. These work like a reverse pair of pliers to ease in lifting while reducing strain on your back. There is also a rubber pad that protects the glass from the metal pliers. Overall length is 10" (254 mm). Minimum order is one each.

CAT. NO. 104

CRL Plate Glass Lifting Tool

- For Lifting and Setting Glass





The CRL Plate Glass Lifting Tool is used to lift or position large plates of glass for inserting setting blocks or shims. Its uniquely shaped 2-3/4" (70 mm) tip is narrow enough to fit under the glass. Lightweight yet extremely durable, it is made of tough glass filled resin. Overall length is 10-3/4" (273 mm).
Minimum order is one each.

CAT. NO. PGL11

CRL Glass Jack

- A Simple and Affordable Tool That Makes Adjusting Large Glass Panels Easy
- Use With Vacuum Lifters
- Great for Smaller Glass Shops

The CRL Glass Jack makes adjusting (or lifting) large glass and mirror panels a simple, one-person job. Used in conjunction with your vacuum lifter (not included), this precision machined tool lets you adjust and set your glass, while getting a better view of what your are doing without any interference. At the same time, you reduce your risk of back injury.

The CRL Glass Jack is set on a solid surface while you position it's cradle under your vacuum lifter. Then by simply attaching your vacuum lifter to the glass and turning the center adjustment bar by hand, the glass will raise or lower accordingly. The turnbuckle mechanism lets you move glass panels in the smallest of increments, without sudden movements.

Made from the highest quality aluminum, the CRL Glass Jack is built for years of service. **NOTE:** Never exceed the recommended weight limit of your vacuum lifter. Minimum order is one each.





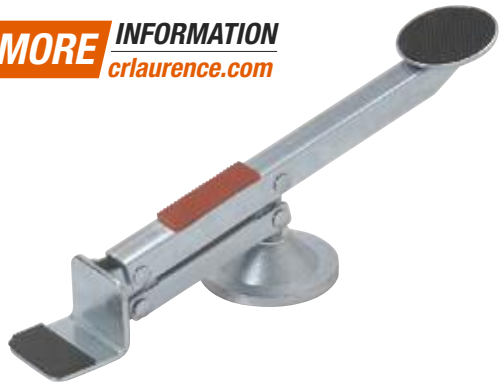
Vacuum Lifter Sold Separately
See Pages TE045-TE051.

CAT. NO. J1

CRL Carrymate® Door Lifter

MORE INFORMATION crlaurence.com

- For the Installation of Doors, Fire Doors, Windows, Furniture, Dry Walls, Partitions, Etc.
- Easy Foot Operation; Lifts, Swivels, and Lowers Doors Weighing Up To 264 Pounds (120 kg)





CRL Carrymate® Door Lifter is a panel and board swivel lifter which makes installation of doors a breeze. Includes an integrated tilt compensating lever to prevent the door from falling towards you. Lifts, swivels, and lowers up to 264 lbs. (120 kg). Also ideal for partitions and to align furniture. A rubber pad is included so no glass-to-metal contact is made when working with glass panels. A must-have tool for joiners, glaziers, painters, and locksmiths. Minimum order is one each.

CAT. NO. 0553

CRL Glass Slings

- Workloads Rated at 9,600 Pounds (4354 kg) Per Pair in Vertical Lift

The inside of the Slings and Cross-Straps are covered with a reinforced PVC coating to help prevent cutting of the webbing. CRL Glass Slings are sold two per set, and are available in four different sizes.

CAT. NO.	SLING LENGTH
2403487	78" (1.98 m)
2403488	108" (2.74 m)
2403489	124" (3.15 m)
2403490	160" (4.06 m)

Minimum order: 1 set.

Carrymate is a registered trademark of Dr. Gold & Co. KG



CRL Chain Cable Sling

- Adjusts to All Sizes of Glass Cases
- 4,000 Pound (1814 kg) Capacity

The CRL Chain Cable Sling is an adjustable, braided wire rope and chain combination. The wire rope is lightweight and flexible, but strong. It will cut into the corners of the wooden frame for a positive grip on cases. Minimum order is one each.



CAT. NO. 599

CRL Mini Stretch Film and Dispensers

MORE INFORMATION crlaurence.com

- Wraps and Unwraps Without Damaging Surfaces or Leaving Residue
- Costs Less Than Strapping Tape, Twine or Wire
- Perfect for Bundling Lengths of Aluminum Channels or Screen Frame

CRL Mini Stretch Film is an economical alternative to strapping tape, twine or wire. It comes in two convenient sizes, 3" (76 mm) and 5" (127 mm). It provides visibility while eliminating surface damage or adhesive residue on boxes, metals, etc. It clings to itself without adhesives. The 80 gauge thickness makes this film highly puncture resistant.

CRL Stretch Film Dispensers hold 3" and 5" (76 and 127 mm) rolls. The Deluxe Dispenser features a soft E-Z grip handle, and has an adjustable brake.





CAT. NO. SL256
Standard Dispenser



CAT. NO. SL257
Deluxe Dispenser



CAT. NO. HW380
Stretch Film

CAT. NO.	DESCRIPTION	QTY/CASE
HW380	3" x 1500' (76 mm x 457 m) Stretch Film	16
HW580	5" x 1500' (127 mm x 457 m) Stretch Film	12
SL256	Standard Dispenser	1
SL257	Deluxe Dispenser	1

Minimum order: 1 each for Dispenser; 1 roll for Stretch Film. Sizes can be combined for quantity pricing.

CRL Stretch Wrap for Hand or Machine Application

18" Hand Stretch Wrap is an easy to handle roll that is applied by hand or with the aid of our Hand Dispenser. The adjustable Heavy-Duty Dispenser accommodates rolls with standard 3" (76 mm) cores and from 12" to 20" (305 to 508 mm) widths. Adjustable tension allows full control of the stretch wrap.

20" Machine Stretch Wrap is a larger 3,500' long roll (40 Rolls/Pallet) that is best applied using an automated wrapping machine. Tough 29.2 microns thick this stretch wrap will not break when wrapping uneven edges. Both stretch wraps secure pallet loads without strapping or expensive tie-downs.



CAT. NO. SL277
Hand Dispenser



CAT. NO. SW181500
18" (457 mm) Stretch Wrap





CAT. NO. SW203500
20" (508 mm) Machine Stretch Wrap



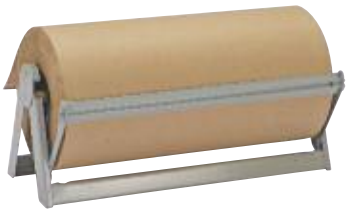
CAT. NO.	DESCRIPTION	QTY/CASE
SW181500	18" x 1500' (457 mm x 457 m) Hand Stretch Wrap	4
SW203500	20" x 3500' (508 mm x 1067 m) Machine Stretch Wrap	1
SL277	Heavy-Duty Dispenser	

Minimum order: 1 each for Dispenser; 1 roll for Stretch Wrap.

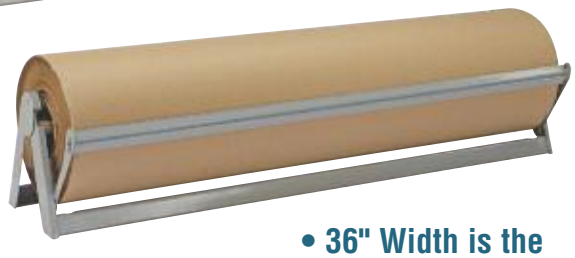
CRL Kraft Paper and Dispensers

- Heavy 60 Pound Weight in Two Widths
- Rugged All Steel Dispensers

Heavy 60 pound weight Kraft Paper is ideal for wrapping and packing breakable items (glass and mirrors, etc.) for shipping. Large 825' (251 m) roll costs pennies per square foot. Rugged all steel Dispenser with spring-loaded blade can be mounted on walls, table tops or under counters. Paper and Dispensers are sold separately. Both can be shipped U.P.S.



- 18" Width is Convenient for Packaging



- 36" Width is the Best Seller

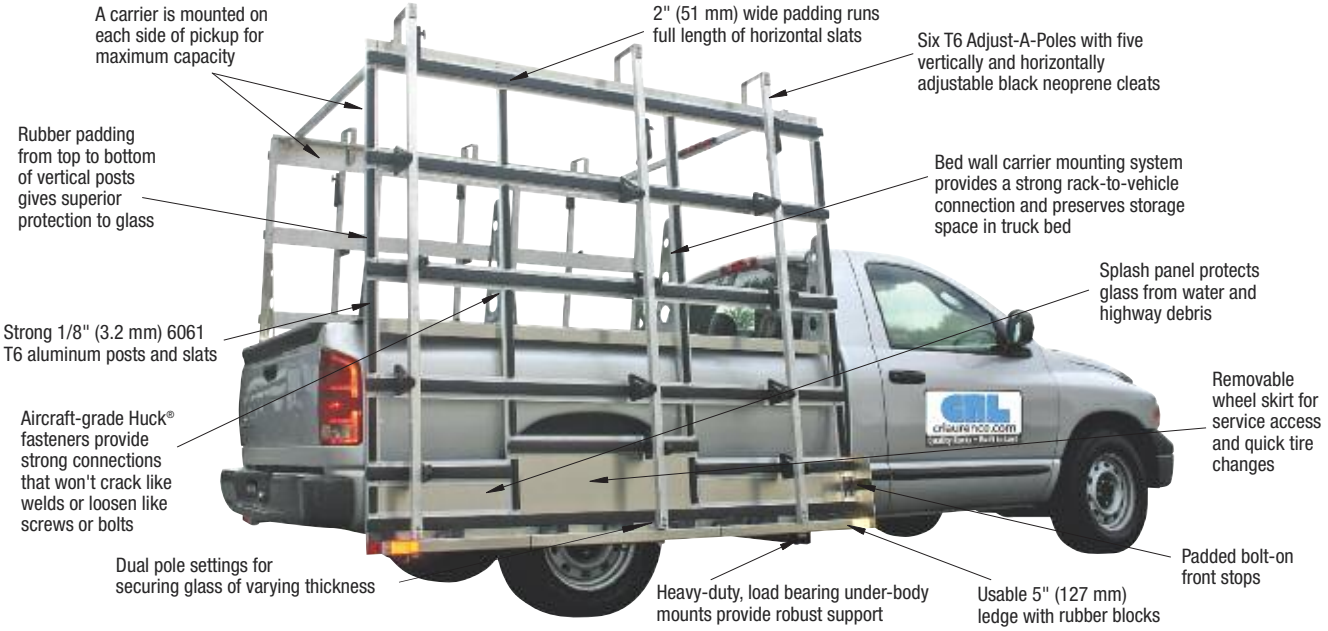
CAT. NO.	WIDTH	DESCRIPTION
K60W18	18" (457 mm)	825' (251 m) Kraft Paper
K60W36	36" (914 mm)	825' (251 m) Kraft Paper
A50018	18" (457 mm)	Dispenser
A50036	36" (914 mm)	Dispenser

Minimum order: 1 each.

CRL Aluminum Glass Racks for Pickup Trucks

MORE INFORMATION crlaurence.com

- **Double-Sided Racks for All Full Size Pickup Trucks**
- **Free Installation at Manufacturer's Plant, or Fully Assembled in Solid Wood Crates for Guaranteed Safe Shipping Anywhere, Including Overseas**
- **Available With or Without Removable Wheel Skirts**



Three models to choose from, all two-sided (driver and passenger) 8' (2.4 m) long by 7' (2.1 m) high with or without Removable Wheel Skirt and either installed at no extra charge in Glassboro, New Jersey, or shipped crated and fully assembled (just bolt to your truck, best choice for domestic), or Knocked Down (KD for customer assembly for shipments outside the 48 contiguous states). Crates are solid wood boxes for guaranteed safe shipping anywhere, F.O.B. Glassboro, New Jersey. The Removable Wheel Skirt allows easy service access to wheels and also lowers the rack height for easier loading and unloading of glass. The Rack comes with a 5" (127 mm) wide usable ledge with 2" (51 mm) wide rubber ledge blocks and double pole settings for top and bottom; one row of splash panel; computer designed load bearing with fully adjustable under-body mounts; horizontal and full length vertical rubber; and six Adjust-A-Poles with five sliding triangular black neoprene cleats. Optional equipment includes: Sign Panel (customer applies own logo, phone number, etc., does not come with lettering), or lettering can be done at factory for an additional charge; extra T6 Adjust-A-Pole 7' (2.1 m) long with five sliding cleats. Racks are designed for all full size pickup trucks with 8' (2.4 m) beds. Please specify make, model, and year when ordering.

Optional Equipment



CAT. NO. GR113P
Sign Panel for Pickups
Minimum order is one each



CAT. NO. GR102
T6 Adjust-A-Pole
Minimum order is one each



Removable Wheel Skirt

8' LONG X 7' HIGH (2.4 X 2.1 M) PICKUP TRUCK RACKS

CAT. NO.	DESCRIPTION
GRAL2000WS	Aluminum Pickup Truck Rack With Wheel Skirt
GRAL2000	Aluminum Pickup Truck Rack Without Wheel Skirt
GRAL2000KD	Aluminum Pickup Truck Rack Knocked Down Without Wheel Skirt

Minimum order: 1 each. F.O.B. Manufacturer.

Huck is a registered trademark of Huck International.

CRL Aluminum Glass Racks for Vans

MORE INFORMATION crlaurence.com

- For All Full Size and Sprinter-Type Vans
- Free Installation at Manufacturer's Plant, or Fully Assembled in Solid Wood Crates for Guaranteed Safe Shipping Anywhere, Including Overseas
- Available With or Without Removable Wheel Skirts



Three models to choose from, all one side (driver) 10' (3.05 m) long by 7' (2.1 m) high with or without Removable Wheel Skirt and either installed at no extra charge in Glassboro, New Jersey, or shipped crated and fully assembled (just bolt to your van, best choice for domestic), or Knocked Down (KD for customer assembly for shipments outside the 48 contiguous states). Crates are solid wood boxes for guaranteed safe shipping anywhere, F.O.B. Glassboro, New Jersey. Removable Wheel Skirt allows easy service access to wheels and also lowers the rack height for easier loading and unloading of glass. The Rack comes with a 5" (127 mm) wide usable ledge with 2" (51 mm) wide rubber ledge blocks and double pole settings for top and bottom; one row of splash panel; computer designed load bearing with fully adjustable under-body mounts; horizontal and full length vertical rubber; and three T6 Adjust-A-Poles with five sliding triangular black neoprene cleats. Optional equipment includes: Sign panel (customer applies own logo, phone number etc., does not come with lettering), or lettering can be done at factory for an additional charge; extra T6 Adjust-A-Pole 7' (2.1 m) long with five sliding cleats; 3-Piece Roof Rack mounts to rack (no drilling in side of van required). For all full size and Sprinter type Vans. Please specify make, model, and year when ordering.

Optional Equipment



Demountable Van Rack (Call for Details)



CAT. NO. GR113V
Sign Panel for Vans
Minimum order is one each



CAT. NO. GR102
T6 Adjust-A-Pole
Minimum order is one each



CAT. NO. GVRR112
Optional 3-Piece Roof Rack



Removable Wheel Skirt

10' LONG X 7' HIGH (3.05 X 2.1 M) VAN RACKS

CAT. NO.	DESCRIPTION
GRAL1000WS	Aluminum Van Rack With Wheel Skirt
GRAL1000	Aluminum Van Rack Without Wheel Skirt
GRAL1000KD	Aluminum Van Rack Knocked Down Without Wheel Skirt

Minimum order: 1 each. F.O.B. Manufacturer.

Huck is a registered trademark of Huck International Inc.

CRL Barkow Glass Racks for Pickup Trucks and Vans

MORE INFORMATION crlaurence.com

- Right and Left Side Racks Included for Pickup Trucks
- Right or Left Side Racks for Vans are Sold Individually
- Racks Available in 72" (1829 mm), 86" (2184 mm), and 96" (2438 mm) Heights
- Outside Stakes With Barkleats™ and Hardware
- 1-1/2" (38 mm) Square Tube Uprights and Stakes
- Double Row of Stake Slots
- Barpad® Glass Cushions on 8" (203 mm) Centers
- Neoprene Baseplate on 12" (305 mm) Centers With 5" (127 mm) Usable Ledgeboard
- Front Load Stops
- Solid Bottom Panel to Protect Glass From Debris
- All Welded Construction
- Includes All Necessary Lights and Reflectors
- Front Corner Braces and Rear Stabilizer Assemblies
- Solid Upper Sign Panels Standard on Steel and Stainless Steel Racks





Available in Three Materials

* **STEEL CONSTRUCTION**
Rated **GOOD** - Uses high-tensile steel; primed, finished, and painted white

** **ALUMINUM CONSTRUCTION**
Rated **BETTER** - Lighter than steel with polished finish.

*** **STAINLESS STEEL CONSTRUCTION**
Rated **BEST** - lighter and stronger than steel, three times stronger than aluminum with minimum maintenance, brushed finish.

BARKOW GLASS RACKS FOR PICKUP TRUCKS

CAT. NO.	LENGTH X HEIGHT	CONSTRUCTION
BR706M△	72" x 72" (1829 x 1829 mm)	Steel
BR706MA△	72" x 72" (1829 x 1829 mm)	Aluminum
BR706	72" x 86" (1829 x 2184 mm)	Steel
BR707M△	84" x 72" (2134 x 1829 mm)	Steel
BR707MA△	84" x 72" (2134 x 1829 mm)	Aluminum
BR707	84" x 86" (2134 x 2184 mm)	Steel
BR708	96" x 86" (2438 x 2184 mm)	Steel
BR708A	96" x 86" (2438 x 2184 mm)	Aluminum
BR708S	96" x 86" (2438 x 2184 mm)	Stainless Steel
BR709	108" x 86" (2743 x 2184 mm)	Steel
BR709A	108" x 86" (2743 x 2184 mm)	Aluminum
BR709S	108" x 86" (2743 x 2184 mm)	Stainless Steel
BR709EH	108" x 96" (2743 x 2438 mm)	Steel
BR709EHA	108" x 96" (2743 x 2438 mm)	Aluminum
BR709EHS	108" x 96" (2743 x 2438 mm)	Stainless Steel
BR710	120" x 86" (3048 x 2184 mm)	Steel
BR710S	120" x 86" (3048 x 2184 mm)	Stainless Steel
BR710EH	120" x 96" (3048 x 2438 mm)	Steel

Minimum order: 1 each. F.O.B. Milwaukee, Wisconsin. Must ship common carrier.
△ Designates Racks for compact trucks.

BARKOW GLASS RACKS FOR VANS

CAT. NO.	LENGTH X HEIGHT	CONSTRUCTION
BR606M[1]△	72" x 72" (1829 x 1829 mm)	Steel
BR606MA[1]△	72" x 72" (1829 x 1829 mm)	Aluminum
BR608L	96" x 72" (2438 x 1829 mm)	Steel
BR608LA	96" x 72" (2438 x 1829 mm)	Aluminum
BR608LS	96" x 72" (2438 x 1829 mm)	Stainless Steel
BR608H	96" x 86" (2438 x 2184 mm)	Steel
BR608HA	96" x 86" (2438 x 2184 mm)	Aluminum
BR608HS	96" x 86" (2438 x 2184 mm)	Stainless Steel
BR609H[2]	108" x 86" (2743 x 2184 mm)	Steel
BR609HA[2]	108" x 86" (2743 x 2184 mm)	Aluminum
BR609HS[2]	108" x 86" (2743 x 2184 mm)	Stainless Steel
BR610H	120" x 86" (3048 x 2184 mm)	Steel
BR610HA	120" x 86" (3048 x 2184 mm)	Aluminum
BR610HS	120" x 86" (3048 x 2184 mm)	Stainless Steel
BR610EH	120" x 96" (3048 x 2438 mm)	Steel
BR610EHA	120" x 96" (3048 x 2438 mm)	Aluminum
BR610EHS	120" x 96" (3048 x 2438 mm)	Stainless Steel
BR612H	144" x 86" (3658 x 2184 mm)	Steel
BR612HA	144" x 86" (3658 x 2184 mm)	Aluminum
BR612EH	144" x 96" (3658 x 2438 mm)	Steel

Minimum order: 1 each. F.O.B. Milwaukee, Wisconsin. Must ship common carrier.
△ Designates Racks for compact vans. **NOTE:** Right and left sided Racks are sold individually.

[1] Window or Passenger Vans Require Roof Rack.
[2] For GMC Savanna/Chevy Express

Barpad is a registered trademark of F. Barkow, Inc.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL Barkleats™

- Effective Glass Holding Clamp for All CRL Glass Racks
- Triangular Shape Gives a Gripping Range From 1" to 6" (25 mm or 152 mm)





The CRL Barkleat™ Set includes the unique Barkleat™, a stainless steel bolt, stainless steel washer, and acetal wingnut. The Barkleat™ is a simple yet highly effective glass holding clamp for all CRL Racks and most other racks available today. They are molded out of fiber-impregnated rubber, which makes them weather-resistant and able to withstand years of use. The triangular design allows the CRL Barkleat™ to be used in two different orientations, giving each Barkleat™ a clamping range from 1" to 6" (25 to 152 mm).

MORE INFORMATION crlaurence.com

COMPLETE BARKLEAT™ SETS

CAT. NO.	DESCRIPTION
BK36	Complete Kit with Stainless Steel Bolt
BK36A	Complete Kit with Aluminum Bolt

Minimum order: 1 each

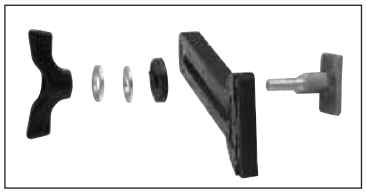
REPLACEMENT PARTS

CAT. NO.	DESCRIPTION
BKB3B0LTA	Aluminum Bolt Only
BKB3NUT	Acetal Wing Nut Only
BKB3WASHER	Stainless Steel Washer Only
BK36K0	Kleat Only/No Hardware

Minimum order: 1 each

CRL Truck Rack Kleats

- Available in Right or Left Handed
- Replacement Bolt Kits Available



Complete Kleat Set



The CRL Truck Rack Kleat is made from high strength phenolic with a rubber pad to secure the glass. It's gripping range is 1-1/4" to 5-3/4" (32 to 146 mm). Kleats are available in either right or left hand to resist loosening during vibration. The Kleat includes a steel and a nylon washer, as well as an oversized wing nut. The bolt and nut replacement set also includes both washers.

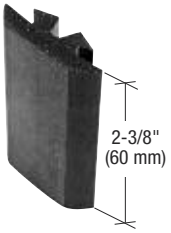
CAT. NO.	DESCRIPTION	QTY/PKG
687L	Complete Kleat Left Hand	1 Set
687R	Complete Kleat Right Hand	1 Set
2405686	Bolt and Nut Only L.H.	1 Set
2405699	Bolt and Nut Only R.H.	1 Set
W1NGNUT	Wing Nut Only	1 Each

Minimum order: 1 each. Complete Kleat Sets can be combined for quantity pricing.

CRL Barpads®

- Self-Adhesive or Snap-In Models Available

These CRL Barpads® are made of tough neoprene rubber and are available with either self-adhesive backing or a snap-in type. Minimum order is one each. Barpads® can be combined for quantity pricing.



CAT. NO. BP3
Slotted Snap-In



CAT. NO. BP1
Self-Adhesive



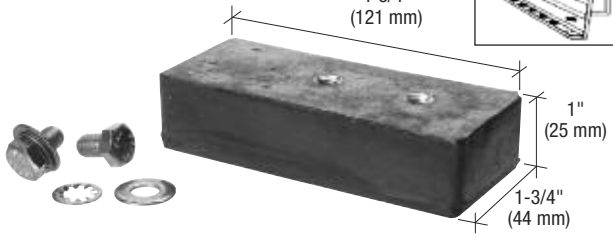
CAT. NO. BP2
Round Snap-In

Barpad is a registered trademark of F. Barkow, Inc.

CRL Baseplate Pads

- Made From Tough, Durable Neoprene





Our CRL Baseplate Pads are molded from tough neoprene rubber, and come with threaded inserts and bolts for attaching to the ledgeboard. They can be mounted on CRL Truck Racks or any other truck's glass rack with a minimum 3-1/2" (89 mm) of ledgeboard width. Minimum order is one each.

CAT. NO. BPP414

CRL Aluminum Side Slats

- Heavy-Duty Aluminum With Vinyl Cushion Strips
- Make a New Rack or Fix Up Your Old One
- 12' (3.6 m) Stock Lengths

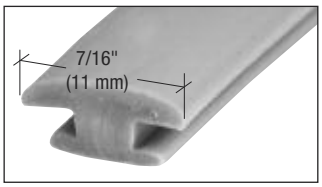


Make your own glass truck rack, or repair an old one, with this CRL Aluminum Side Slat. Heavy-duty Slat is made of anodized aluminum so it won't rust or split, and has 7/16" (11 mm) wide vinyl insert strips to cushion the glass. Installation with rivets or screws is easy, and the vinyl cushion is easily replaced when worn. Aluminum Side Slats are also virtually maintenance free.

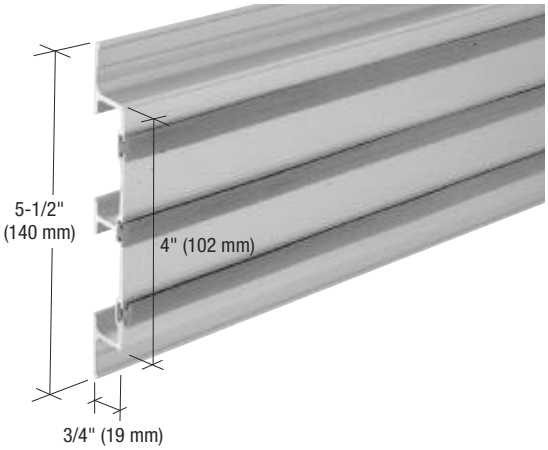
ALUMINUM SIDE SLATS

CAT. NO.	LENGTH
TSS12	12' (3.6 m)

Minimum order: 1 each. Must ship common carrier.







REPLACEMENT VINYL

CAT. NO.	ROLL LENGTH
TSV1203C	100' (30.5 m)
TSV1203B	750' (228 m)

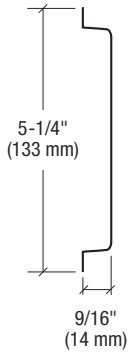
Minimum order: 1 roll.

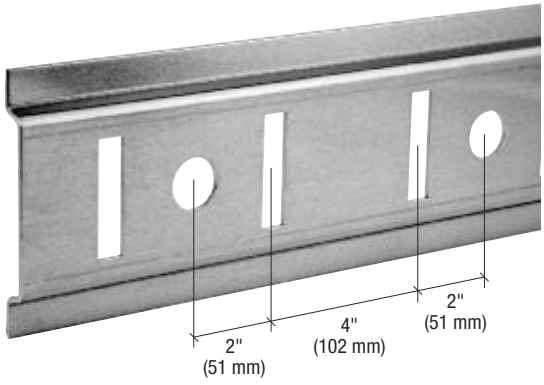
CRL Glass Rack Type "B" Side Slat

MORE CHOICES crlaurence.com

- Available in Steel or Aluminum
- Perforated for BP2 Barpads®, BP3 Barpads®, Load Stoppers, and Glass Ties
- 10' (3 m) Stock Lengths

These CRL Glass Rack Type "B" Side Slats have a combination of holes and slots. With these you can mount Cat. No. BP2 Barpads®, Cat. No. BP3 Barpads®, Cat. No. BRLS1 Load Stoppers or use our Cat. No. BRGT4 Glass Tie Straps to secure your glass loads. You can mount these Slats on existing racks or use them to make your own truck racks. Slots are 4" (102 mm) on center, and the 1" (25 mm) diameter holes are 8" (203 mm) on center.





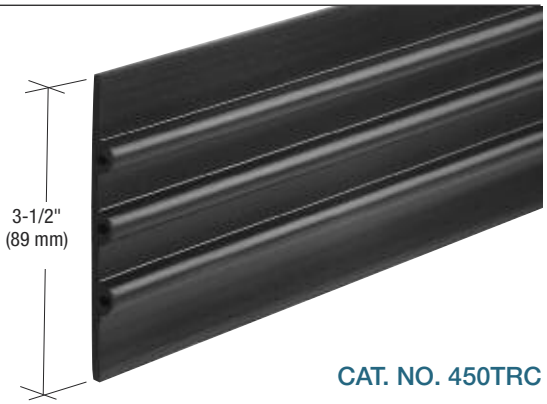
CAT. NO.	MATERIAL	THICKNESS	LENGTH
BRBS10	Steel	12 ga.	10' (3 m)
BRBA10B	Aluminum	1/8" (3.2 mm)	10' (3 m)

Minimum order: 1 each. Must ship common carrier.

CRL Truck Rack Cushion

- Made From Non-Marring Neoprene Rubber
- Make Your Old Rack Look Like New
- Great for Refurbishing Old Wooden Racks or Shop Dollies

This CRL Truck Rack Cushion can be mounted on pre-existing glass rack horizontal slats. Made from weather-resistant neoprene rubber, this cushion is non-marring and provides a non-slip surface for supporting the glass. It can also be mounted to just about any surface where glass is to be stored. Just glue or tack this cushion in place for years of use. Minimum order is 12' (3.6 m). Must be ordered in 12' (3.6 m) increments.



CAT. NO. 450TRC

Barpad is a registered trademark of F. Barkow, Inc.

CRL Clamp Bars With Gearboxes

- **The Quick and Easy Way to Secure Glass to Mobile Racks**
- **Affordable Glass Transport**
- **Supplied With Two or Three Aluminium Gear Boxes**
- **Custom Sizes Also Available**

CRL 2200 mm Clamp Bars with Two Gearboxes



Available Only in Australia

Our Clamp Bars are perfect for securing glass to your mobile racks. They are available in three heights with either two or three Aluminium Gearboxes. Sturdy yet lightweight aluminium construction makes Clamp Bars easy to position in just seconds. All Gearboxes can be adjusted up or down the Clamp Bars to the optimum height to properly secure large or small glass lites. Clamp Bars are handy and affordable, and if our standard size Clamp Bars won't fit your rack, we make custom Clamp Bars too.

MORE INFORMATION crlaurence.com.au

CAT. NO.	SIZE	GEARBOXES
G4000	1905 mm (75")	Two
G4002	2200 mm (86")	Two
G4005	2665 mm (105")	Three

Minimum order: 1 each. Must ship common carrier or road freight.

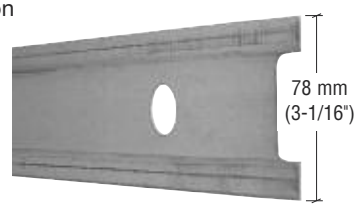
NOTE: Always be sure to check that Clamp Bars are secure and Gearboxes have been tightened before moving vehicle.

CRL Top Hat Glass Rack Channel

- **Strong Steel Side Channel for Mobile Glass Racks**

Available Only in Australia

Our sturdy steel Top Hat Glass Rack Channels are perfect for fabricating mobile glass racks. They are drilled with twelve 25 mm holes to accept our CG25 Cushion Grommets. Unfinished steel channels can be painted to match existing vehicle rack.



CAT. NO.	LENGTH
TH24S	2.4 m (94")

Minimum order: 1 each. Must ship common carrier or road freight.

CRL Ribbed Rubber Strip

- **Replacement for Glass Truck Racks, Storage Racks, and "A" Frames**

Available Only in Australia

CRL Ribbed Rubber Strip forms a cushion between the glass and metal, protecting the glass from getting damaged. Measures 45 mm (1-3/4") wide x 3 mm (1/8") thick x 10 m (393") long.



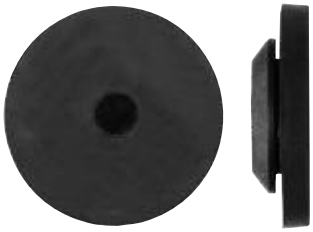
CAT. NO.	LENGTH
ATG0695	10 m (393")

Minimum order: 1 each. Must ship common carrier or road freight.

CRL Cushion Grommets

- **Ideal for Use With Top Hat Glass Rack Channel**

Our Cushion Grommets fit into the pre-drilled holes in the TH24S Top Hat Glass Rack Channel. Suction cup design helps keep glass from slipping. Easily installed in just seconds, they remain pliable through many seasons.



CAT. NO.	DIAMETER
CG25	50 mm (2")

Minimum order: 1 each.

CRL Truck Strip Cushion

- **Heavy-Duty Strips Protect Glass**

Available Only in Australia

Heavy-Duty EPDM Truck Strip Cushion is ideal as a base protector on glass truck racks, shop storage racks, and barrows. They measure 65 mm (2-1/2") wide, 30 mm (1-3/16") tall, 1 m (39-3/8") long.



CAT. NO.	LENGTH
SB10	1 m (39")

Minimum order: 1 each.

CRL Ty Webbing

- Shrink Resistant Cotton





Made of shrink resistant cotton, CRL Ty Webbing has high tensile strength. It can be used to secure glass, aluminum tubes, screen doors, or other materials to your glass truck rack. It is also good for bundling lengths of track, metal or wood.

CAT. NO.	WIDTH	TENSILE STRENGTH	ROLL LENGTH
TW200	1-1/2" (38 mm)	540 lbs. (245 kg)	200' (61 m)

Minimum order: 1 Roll.

CRL Cotton Sash Cord

- Solid-Braided Cotton
- Great Utility Cord



This superior-quality, solid-braided CRL Cotton Sash Cord has a break strength of over 200 pounds (91 kg). It is ideal for tying, bundling, or for securing almost anything.

CAT. NO.	SIZE	BREAK STRENGTH	ROLL LENGTH
CSC316	3/16" (4.7 mm)	205 lbs. (92 kg)	100' (30.5 m)
CSC14	1/4" (6.4 mm)	220 lbs. (100 kg)	100' (30.5 m)

Minimum order: 1 Roll.

CRL Sisal Rope

MORE CHOICES crlaurence.com

- Made From Tough, Natural Sisal Fibers



Use CRL Heavy-Duty Sisal Rope for tying glass or other items to your truck or shop racks. It's made from tough, natural sisal fibers.

CAT. NO.	SIZE	ROLL LENGTH
SR14	1/4" (6.4 mm)	100' (30.5 m)
SR38	3/8" (9.5 mm)	100' (30.5 m)

Minimum order: 1 Roll.

CRL Poly Rope

- Black-Orange Truck Rope Meets C.H.P. Specifications
- Made of Polypropylene Synthetic Fibers



Black and orange CRL Poly Rope is made of intertwined polypropylene synthetic fibers that will not stretch like ordinary nylon rope. Both the 3/8" and 1/2" (9.5 and 12.7 mm) diameters meet specifications of all states requiring that non-stretch tie-downs be used on all side or top load racks.

CAT. NO.	SIZE	WORK LOAD	ROLL LENGTH
CTR3850	3/8" (9.5 mm)	405 lbs. (183 kg)	50' (15.2 m)
CTR1250	1/2" (12.7 mm)	630 lbs. (285 kg)	50' (15.2 m)

Minimum order: 1 Roll.

CRL Tube Container System

- Excellent Storage System for Moldings or Straight Edges
- Works With Common 6" (152 mm) PVC Pipe (Not Included)



The CRL Tube Container System works with common 6" (152 mm) Schedule 40 PVC pipe to create an efficient and protective storage system for any long stock lengths of product or tools, such as straight edges and levels.



Pipe Shown Not Included

CAT. NO.	DESCRIPTION
658TE	One Door Cap and End Cap
658SU	Two Saddle Brackets and U-Bolts

Minimum order: 1 pack.

CRL Black Pickup Truck Rear Window Rack

- Convenient Rack System
- Made of Black Plastic



The CRL Black Pickup Truck Rear Window Rack is for use in pickup trucks with standard sized, non-sliding rear windows that have a gasket. This durable rack comes fully assembled and can be installed or removed in minutes with no holes to drill.

NOTE: Cannot be installed in trucks with glue-in rear windows.

CAT. NO. EZM100
Minimum order is one pair

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From Anywhere in the U.S. or Canada

CRL US ALUMINUM

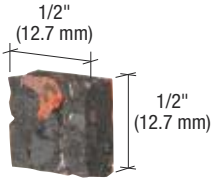
CRL Sponge Rubber Shipping Pads

MORE CHOICES
crlaurence.com

- **For Storing and Transporting Glass**
- **Economical and Easy to Use**
- **Leave No Residue When Removed**
- **Choice of 1/8" (3.2 mm) and 1/4" (6.3 mm) Thick**

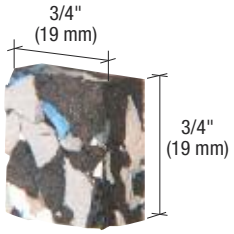
Bulk Roll







1,000 Pad Roll



Developed for the tempering industry for use on hot glass during processing, and made of heavy-duty composition rubber, these CRL Shipping Pads have a special adhesive that leaves no residue when removed from the glass. They are excellent to use when transporting or storing glass to prevent surface scratches and breakage. Application is simple - just peel from the release paper roll and stick them to the glass. No special equipment, tools or solvents are needed to remove them. Pre-cut pads are available in two ways: in convenient rolls of 1000, or money-saving bulk rolls.



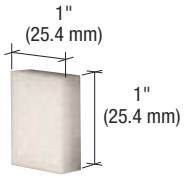
CAT. NO.	PAD SIZE	THICKNESS	PADS/ROLL
SP1412	1/2" (12.7 mm) Square	1/4" (6.3 mm)	1,000
SP1412B	1/2" (12.7 mm) Square	1/4" (6.3 mm)	10,000
SP1434	3/4" (19 mm) Square	1/4" (6.3 mm)	1,000
SP1434B	3/4" (19 mm) Square	1/4" (6.3 mm)	5,000
SP1834	3/4" (19 mm) Square	1/8" (3.2 mm)	1,000
SP1834B	3/4" (19 mm) Square	1/8" (3.2 mm)	25,000

Minimum order: 1 roll. Sizes can be combined for quantity pricing.

CRL Super-Duty Shipping Pads

- **Used by Aluminum Window and Door Fabricators**
- **Handles Heavy Loads and Shock**
- **Easy-to-See Light Yellow Color**



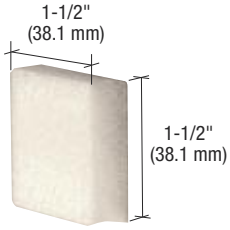


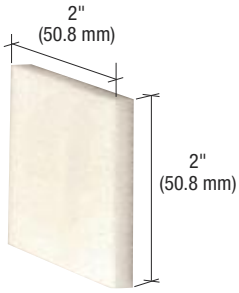
These CRL Super-Duty Shipping Pads are used by aluminum window and door fabricators to support and separate finished units during transport and storage. The highly condensed white trocellen foam compresses slightly under load, and has great capacity to handle shock and heavy loads. The adhesive coating sticks tight in all climates, yet leaves no residue or discoloration on metal surfaces when removed, even after months of storage. CRL Super-Duty Shipping Pads are die-cut on sheets of release paper, and peel off easily for application, even in high-production situations. Standard thicknesses are 1/4" and 1/2" (6.3 and 12.7 mm), and all sizes are packed in boxes that will ship U.P.S.



Die-cut Sheets







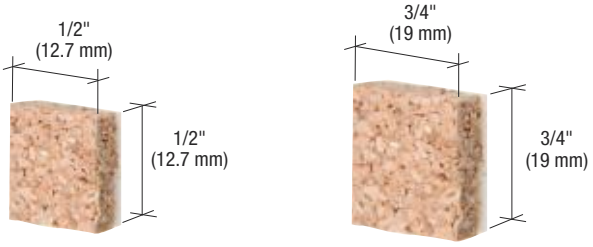
CAT. NO.	PAD SIZE	THICKNESS	PADS/BOX
NSP1411	1" x 1" (25.4 x 25.4 mm)	1/4" (6.3 mm)	12,096
NSP141515	1-1/2" x 1-1/2" (38.1 x 38.1 mm)	1/4" (6.3 mm)	5,376
NSP14152	1-1/2" x 2" (38.1 x 50.8 mm)	1/4" (6.3 mm)	4,032
NSP1422	2" x 2" (50.8 x 50.8 mm)	1/4" (6.3 mm)	3,024
NSP1211	1" x 1" (25.4 x 25.4 mm)	1/2" (12.7 mm)	6,048
NSP121515	1-1/2" x 1-1/2" (38.1 x 38.1 mm)	1/2" (12.7 mm)	2,668

Minimum order: 1 box. Sizes can be combined for quantity pricing.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL Cork No-Adhesive Shipping Pads

- Extra Firm for Minimal Compression Under Heavy Loads
- Peel Off Without Leaving Residue





These CRL Cork No-Adhesive Shipping Pads are laminated with cork instead of sponge, therefore they are firmer and will not compress like sponge. This makes them excellent for use with heavy or large stacks of glass. Adhesive cleanup is eliminated since CRL Cork No-Adhesive Shipping Pads peel off without leaving any residue. They are even reusable if kept clean! Available in two ways: on rolls of 1,000 pre-cut pads, or on bulk rolls for volume users.

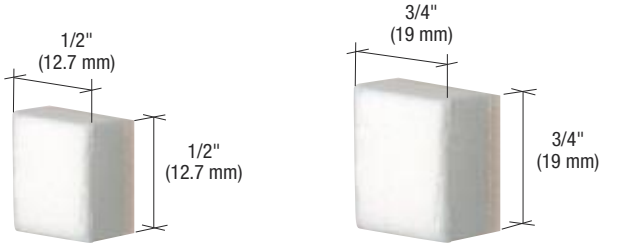


CAT. NO.	PAD SIZE	THICKNESS	PADS/ROLL
CNA12	1/2" (12.7 mm) Square	1/4" (6.3 mm)	1,000
CNA12B	1/2" (12.7 mm) Square	1/4" (6.3 mm)	10,000
CNA34	3/4" (19 mm) Square	1/4" (6.3 mm)	1,000
CNA34B	3/4" (19 mm) Square	1/4" (6.3 mm)	5,000

Minimum order: 1 roll. Sizes can be combined for quantity pricing.

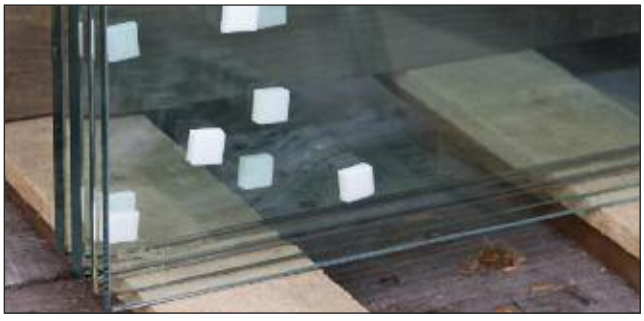
CRL Foam No-Adhesive Shipping Pads

- Adhesion by Static Electricity
- No Adhesive to Clean Up





CRL Foam No-Adhesive Shipping Pads attach themselves to glass by static electricity. This eliminates many problems caused by the adhesives on normal shipping pads, such as adhesive residue cleanup, adhesive staining, and the limited shelf life of some adhesives. They are even reusable if kept clean! Foam Pads come 1,000 per roll. Economical bulk rolls for volume users contain either 5,000 pads in the 3/4" (19 mm) square size, or 10,000 pads in the 1/2" (12.7 mm) size on release paper rolls.



CAT. NO.	PAD SIZE	THICKNESS	PADS/ROLL
NAP12	1/2" (12.7 mm) Square	1/4" (6.3 mm)	1,000
NAP12B	1/2" (12.7 mm) Square	1/4" (6.3 mm)	10,000
NAP34	3/4" (19 mm) Square	1/4" (6.3 mm)	1,000
NAP34B	3/4" (19 mm) Square	1/4" (6.3 mm)	5,000

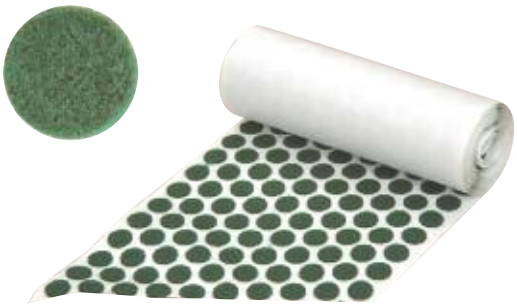
Minimum order: 1 roll. Sizes can be combined for quantity pricing.

CRL Felt Glass Protectors

- Protects Glass From Scratches
- Easy to Apply
- Helps Prevent Breakage

Used to separate glass during shipping or storage, these high density CRL Felt Glass Protectors have an adhesive backing that holds them to the glass. This prevents scratches or breakage that sometimes occurs when two glass surfaces come in contact with each other. They are easy to apply and remove.

CRL Felt Glass Protectors can also be used on the base of objects such as vases, statuettes or lamps to keep them from scratching glass table tops. Green in color, they come on rolls of release paper for easy application. They are also available in other colors such as black, white, brown, gray, blue, red, or yellow in quantities of 100,000 or more.





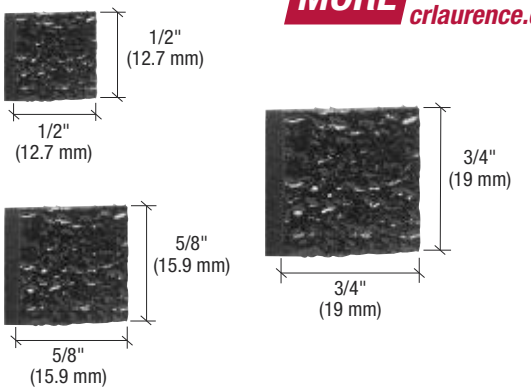
CAT. NO.	DIAMETER	THICKNESS	PADS/ROLL
FGP126	1/2" (12.7 mm)	1/16" (1.6 mm)	1,000
FGP128	1/2" (12.7 mm)	1/8" (3.2 mm)	1,000
FGP346	3/4" (19 mm)	1/16" (1.6 mm)	1,000
FGP348	3/4" (19 mm)	1/8" (3.2 mm)	1,000

Minimum order: 1 roll. Sizes can be combined for quantity pricing.

CRL Pebbled No-Adhesive Shipping Pads

- Heavy Density 25 Pound Pebbled PVC on a Cling Foam Backing
- No Sticky Residue Left After Removal Means No Clean Up

MORE CHOICES crlaurence.com







CRL Pebbled No-Adhesive Shipping Pads are a heavy density, 25 pound pebbled PVC laminated to a special cling foam. Since there's no adhesive, there's no residue, making clean up unnecessary. They are non-marking on glass, and can be reused in extremely clean conditions.

CAT. NO.	PAD SIZE	THICKNESS	PADS/ROLL
PNA12B	1/2" (12.7 mm) Square	1/4" (6.3 mm)	10,000
PNA58B	5/8" (15.9 mm) Square	1/4" (6.3 mm)	5,000
PNA34B	3/4" (19 mm) Square	1/4" (6.3 mm)	5,000

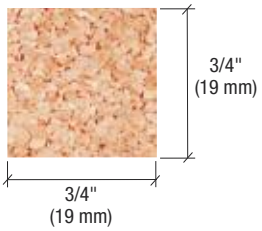
Minimum order: 1 roll. Sizes can be combined for quantity pricing.

CRL Cork Tabs on a Roll

- Cork Pads With a Low Tack Adhesive
- Ideal for Mirror or Tempering Lines

These CRL Cork Tabs on a Roll are great for fabricators, distributors, glass shops or for any of your production needs. With thorough testing and industry feedback, we have found that these low-tack adhesive pads are a popular and reliable size. There are 3,000 pads per roll. Other sizes and types are available on special order.





CAT. NO.	PAD SIZE	THICKNESS	PADS/ROLL
CSP34X132	3/4" (19 mm) Square	1/32" (0.8 mm)	3,000

Minimum order: 1 roll.

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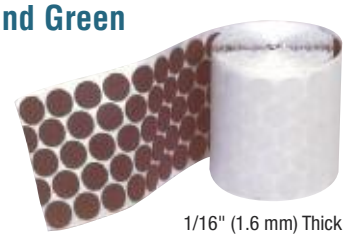
CRL US ALUMINUM

CRL Felt Glass Protectors

- Easy to Use and Remove
- Available in Brown and Green



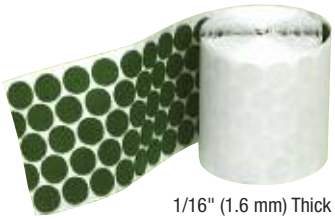
3/4" (19 mm) Diameter



1/16" (1.6 mm) Thick



3/4" (19 mm) Diameter



1/16" (1.6 mm) Thick

CRL Felt Glass Protectors have an adhesive on one side that adheres to any clean, dry surface. Buttons are 3/4" diameter x 1/16" (19 x 1.6 mm) thick, and available in green or brown color felt. Sold 1,000 buttons per roll on release paper.

CAT. NO.	COLOR	SIZE	QTY/ROLL
FA5BRW	Brown	3/4" (19 mm) Diameter	1,000
FA5GRN	Green	3/4" (19 mm) Diameter	1,000

Minimum order: 1 roll. All Glass Protectors can be combined for quantity pricing.

CRL Cork Desk Buttons

- Easy to Use and Remove
- Made of 100% Cork

MORE CHOICES crlaurence.com



3/4" (19 mm) Diameter



1/16" (1.6 mm) Thick

CRL Cork Desk Buttons have adhesive on one side and are 3/4" diameter x 1/16" (19 x 1.6 mm) thick. They keep the glass from slipping or scratching the surface, and help protect the surface of the desk or table top. Sold 1,000 buttons per roll on release paper.

CAT. NO.	COLOR	SIZE	QTY/ROLL
CB2	Tan	3/4" (19 mm) Diameter	1,000

Minimum order: 1 roll. All Glass Protectors can be combined for quantity pricing.

CRL Cork and Neoprene Composition Glass Protectors

- Easy to Use and Remove
- Slightly Softer Than Cork
- Excellent as a Glass Separator



3/4" (19 mm) Diameter



1/16" (1.6 mm) Thick

CRL Cork and Neoprene Composition Glass Protectors have adhesive on one side and are 3/4" diameter x 1/16" (19 x 1.6 mm) thick. They cushion glass on furniture tops, and are slightly more resilient than all-cork buttons. Sold 1,000 buttons per roll on release paper.

CAT. NO.	COLOR	SIZE	QTY/ROLL
CN1B	Tan/Black	3/4" (19 mm) Diameter	1,000

Minimum order: 1 roll. All Glass Protectors can be combined for quantity pricing.

CRL Sponge Rubber Glass Protectors

- Easy to Use and Remove
- Cushion Glass in Stacks
- Protects Against Scratches and Abrasions



3/4" (19 mm) Diameter



1/8" (3.2 mm) Thick

CRL Sponge Rubber Glass Protectors have adhesive on one side of the black color sponge. They measure 3/4" diameter x 1/8" (19 x 3.2 mm) thick. Sold 1,000 buttons per roll on release paper.

CAT. NO.	COLOR	SIZE	QTY/ROLL
SR3	Black	3/4" (19 mm) Diameter	1,000

Minimum order: 1 roll. All Glass Protectors can be combined for quantity pricing.

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CRL US ALUMINUM

CRL Clear Plastic Desk Buttons

MORE INFORMATION crlaurence.com

- The Most Popular Way to Protect Desk and Table Top Surfaces
- Almost Invisible Under Glass
- Easy to Remove



1/32" (.8 mm) Thick



Use CRL Clear Plastic Desk Buttons as cushions between glass and furniture tops. They have no adhesive, so they can be easily moved or removed. Clear Plastic Desk Buttons are 3/4" (19 mm) in diameter and 1/32" (.8 mm) thick. Packed in containers of 100 or 1,000.

NOTE: Because of the chemical reaction of some furniture finishes and polishes, we do not guarantee buttons against discoloration or deterioration.



CAT. NO.	DIAMETER	DESCRIPTION
CP8	3/4" (19 mm)	Clear Plastic Desk Buttons

Minimum order: 100 each.

CRL Cork and Neoprene Desk Stripping

- Provides Cushioned Protection Between Glass Top and Surface
- Easy to Apply and Remove

CRL's Cork and Neoprene Composition Desk Stripping has adhesive on one side with a cloth backing. Apply by peeling off backing and pressing in place. 100' (30.5 m) of brown color stripping per roll. 1" (25.4 mm) wide x 1/16" (1.6 mm) thick.



CAT. NO.	WIDTH	ROLL LENGTH
CN11	1" (25.4 mm)	100' (30.5 m)

Minimum order: 1 roll.

CRL Sponge Rubber Desk Stripping

- Provides an Excellent Protective Cushion Between Glass Top and Desk or Table Surface
- Very Easy to Apply and Remove

CRL Sponge Rubber Desk Stripping has adhesive on one side with a paper backing. This Sponge Rubber Stripping is very easy to apply and remove. It provides an excellent protective cushion between any glass top and table surface. 50' (15.2 m) of black color stripping per roll. 3/4" (19 mm) wide x 1/16" (1.6 mm) thick.



CAT. NO.	WIDTH	ROLL LENGTH
SRS33	3/4" (19 mm)	50' (15.2 m)

Minimum order: 1 roll.



CRL Corner Protectors

MORE INFORMATION
crlaurence.com

- **Protect Corners of Glass and Mirror**
- **Six Different Sizes for 1/8", 1/4", 5/16", 3/8", 1/2", and 3/4" (3, 6, 8, 10, 12, and 19 mm) Thicknesses**



These CRL Corner Protectors are designed to protect glass and mirror edges during shipping, handling or storing. Black plastic Corner Protectors will not scratch or damage glass or mirror surfaces, and they help protect large cut-offs from breakage or becoming scrap. Protectors are re-usable, they simply slide on and off the corners of glass and mirror. Ensure your customers are getting a quality piece of glass; protect the corners with CRL Corner Protectors.

CAT. NO. 1563004
1/8" - 3/16" (D.S. - 5 mm)



CAT. NO. 1563006
1/4" (6 mm)



CAT. NO. 1563008
5/16" (8 mm)



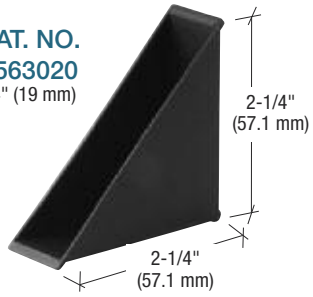
CAT. NO. 1563010
3/8" (10 mm)



CAT. NO. 1563012
1/2" (12 mm)



CAT. NO. 1563020
3/4" (19 mm)



CAT. NO.	GLASS THICKNESS
1563004	1/8" (D.S.) - 3/16" (5 mm)
1563006	1/4" (6 mm)
1563008	5/16" (8 mm)
1563010	3/8" (10 mm)
1563012	1/2" (12 mm)
1563020	3/4" (19 mm)

Minimum order: 100 each. Must be ordered in increments of 100.
Sizes can be combined for quantity pricing.

CRL Armored Corner Protectors

- **Economical, Reusable Corners Absorb Impact When Glass is Bumped or Dropped**
- **A Small Investment Can Save Expensive Glass and Help Prevent Costly Accidents**

VIDEO



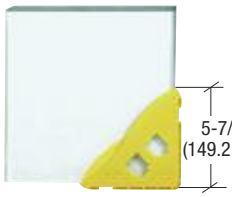
CAT. NO. ACP14
1/4" (6 mm)



CAT. NO. ACP38
3/8" (10 mm)



CAT. NO. ACP12
1/2" (12 mm)



CAT. NO. ACP58
5/8" (15 mm)

Glass fabricators, shower door installers, glazing contractors, and anyone handling glass panels can worry less about glass breakage using our new Armored Corner Protectors. These uniquely designed corners can absorb impacts during transport. The Corner's heel offers the maximum impact protection while the interior surfaces channel away impact energy from the surface of the glass. Cut-outs formed on the Corner's edge allow belt fastening.

CRL Armored Corners can be used for all types of flat and beveled glass. Packed in bags of 12 or bulk boxes of 100 each, they are color-coded by size for easy selection. See our online video at **crlaurence.com** for a demonstration of how effective these corners are against the worst type of dropped glass impacts.



CAT. NO.	GLASS THICKNESS
ACP14	1/4" (6 mm)
ACP38	3/8" (10 mm)
ACP12	1/2" (12 mm)
ACP58	5/8" (15 mm)

Minimum order: 12 each. All Armored Corner Protectors can be combined for quantity pricing.

CRL Safety Gear and Equipment

MORE INFORMATION
crlaurence.com

Gloves

From Glass Handling Gloves to Work Gloves to Nitrile and Latex Gloves, CRL provides you with the most up-to-date products in the industry. From the very popular CRL Gauntlet Cuff Natural Rubber Gloves to the latest cut protection Atlas® Kevlar® and Nitrile Textured Gloves, CRL offers the various glove styles you need for all glass fabrication and general work requirements.











Glassworker Cut Protection Gear

CRL knows how important it is to be wearing the right equipment when cutting and fabricating glass. CRL has several types and styles of Sleeves, Jackets, and Wrist Protectors that are both comfortable and provide maximum protection. CRL's new "Oversize" Sleeves are perfect for those winter months when you need to wear the Sleeves over a sweater or jacket. We also provide all the information you need to order Custom Sleeves or Jackets.





Safety Glasses

CRL has the latest selections of lens colors and frame styles in Safety Eye Wear. Choose from new wrap around clear, smoke and indoor/outdoor lenses as well as new frame designs with great standard features. CRL has the latest in Safety Eye Wear products.





Hearing Protection

If you need Band Mounted or Cap Mounted Hearing Protectors, CRL has the latest designs and features. There are also selections of Reusable and Disposable Ear Plugs for both small and large shop environments.



Respiration Protection

CRL offers a range of products for respiration safety. From simple dust masks, up to HEPA filtered masks, CRL carries the latest in respiration protection.

First Aid Kits

CRL has a selection of the most up-to-date First Aid Kits available for the glass fabrication industry. From Small Shop Kits to Wall Mounted Metal Supply Cabinets and our new Kut Kits, CRL offers the latest technology in First Aid.



See the complete selection on the web site at
crlaurence.com/safety

Atlas is a registered trademark of Showa Glove Company.
Kevlar is a registered trademark of E.I. du Pont de Nemours and Company.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL GLASS HANDLING GLOVES

go to:
crlaurence.com/**gloves**

CRL Gauntlet Cuff Smooth Natural Rubber Palm Gloves

- For Handling Glass and Sheet Metal
- Allows Freedom of Hand Movement
- A Favorite With Glass Fabricators
- Fleece-Like Lined Interior



MORE CHOICES
crlaurence.com

MOST POPULAR 1

CAT. NO. 12
Minimum order is one pair

CRL "New Style" Gauntlet Cuff Smooth Palm Gloves

- Smooth Rubber Coating
- For Handling Glass and Sheet Metal
- Quality Glove at a Cost Savings
- Fleece-Like Lined Interior



CAT. NO. SG12
Minimum order is one pair

CRL Gauntlet Cuff Wrinkle Finish Natural Rubber Palm Gloves

- For Handling Glass or Sheet Metal
- Wrinkled to Prevent Slippage
- Flexible Natural Rubber Coating
- Fleece-Like Lined Interior



4141

CAT. NO. 66NFW
Minimum order is one pair

CRL Insulated Gauntlet Cuff Wrinkle Finish Natural Rubber Palm Gloves

- Foam Insulated for Working in Colder Climates
- Cushioned Warmth and Comfort
- Fleece-Like Lined Interior



4141

CAT. NO. 96NFW
Minimum order is one pair

CRL Knit Wrist Wrinkle Finish Natural Rubber Palm Gloves

- Wrinkle Finish Helps Prevent Slippage
- Wet or Dry Gripping of Glass or Sheet Metal
- Flexible Natural Rubber Coating
- Comfortable Soft Inner Linning



4141

CAT. NO. 63PNFW
Regular

CAT. NO. L63PNFW
Small

Minimum order is one pair

All CRL Gloves can be combined for quantity pricing.

CRL GLASS HANDLING GLOVES

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CRL Knit Wrist Smooth Natural Rubber Palm Gloves

- A Favorite With Glass Fabricators for Handling Glass and Sheet Metal
- Smooth Rubber Coating for Glass Use
- Fleece-Like Lined Interior



MORE CHOICES crlaurence.com

MOST POPULAR 1

CAT. NO. 10
Minimum order is one pair

CRL Brand Knit Fit Gloves

- Breathable Knit Back and Cuffs
- Wrinkled to Prevent Slippage
- Quick and Easy On and Off
- Machine Washable and Dryable



- Four Sizes for Comfort

CAT. NO.	SIZE
KF1TS	Small
KF1TM	Medium
KF1TL	Large
KF1TXL	X-Large

Minimum order: 1 pair. All CRL Gloves can be combined for quantity pricing.

CRL Atlas® Fit Gloves

- Excellent Choice for Glass Handling
- Flexible, Form-Fitting, and Ventilated
- A Great Glove for Shop or Job Site Work
- Maximum Wet Gripping Power



- Four Sizes for Comfort

CAT. NO.	SIZE
300AFS	Small
300AFM	Medium
300AFL	Large
300AFXL	X-Large

Minimum order: 1 pair. All CRL Gloves can be combined for quantity pricing.

CRL Atlas® Kevlar® Cut Resistant Gloves

3444

- Ergonomic Fit as Well as an Outstanding Grip
- The Perfect Glove for Glass Fabricators
- ANSI Cut Resistance: 3



- Four Sizes for Comfort

CAT. NO.	SIZE
300KVS	Small
300KVM	Medium
300KVL	Large
300KVXL	X-Large

Minimum order: 1 pair. All CRL Gloves can be combined for quantity pricing. Kevlar® is a registered trademark of DuPont or one of its affiliates.

CRL Atlas® Textured Nitrile Coated Gloves

3444

- Exceptional Grip, Dexterity, and Durability
- ANSI Cut Resistance: 2



- Four Sizes for Comfort

CAT. NO.	SIZE
350S	Small
350M	Medium
350L	Large
350XL	X-Large

Minimum order: 1 pair. All CRL Gloves can be combined for quantity pricing.

Atlas is a registered trademark of Showa Glove Company.
Kevlar is a registered trademark of E.I. du Pont de Nemours and Company.

CRL GLASS HANDLING GLOVES

go to:
crlaurence.com/**gloves**

CRL Fuzzy Duck® PVC Gloves

- Breathable PVC Coating Keeps Hands Cool
- Two-Piece Jersey Liner for Comfort
- Excellent Gripping Properties on Glass
- Four Sizes to Assure a Perfect Fit
- ANSI Cut Resistance: 1



3121

CAT. NO.	SIZE
962FDS	Small
962FDM	Medium
962FDL	Large
962FDXL	X-Large

Minimum order: 1 pair. All CRL Gloves can be combined for quantity pricing.

CRL Atlas® Therma-Fit Insulated Gloves

- Designed to Maintain Warmth in Colder Environments
- Available in Four Sizes
- Wrinkle Finish Palms and Fingers
- ANSI Cut Resistance: 3



3121

CAT. NO.	SIZE
451S	Small
451M	Medium
451L	Large
451XL	X-Large

Minimum order: 1 pair. All CRL Gloves can be combined for quantity pricing.

CRL Brand GripPro Impact Performance Gloves

- Shock Absorbing Impact-X Padding
- Heavy-Duty Elastic Hook and Loop Closure
- Lightweight and Durable RhinoTex Synthetic Leather Palm



- Five Sizes

CAT. NO.	SIZE
GR1PS	Small
GR1PM	Medium
GR1PL	Large
GR1PXL	X-Large
GR1P2X	XX-Large

Minimum order: 1 pair. Sold only by the pair. Sizes can be combined for quantity pricing.

CRL Sure Grip Glass Gloves

- Extremely Aggressive Grip
- Coated Palm Vulcanized Rubber on Cotton Knit Base
- Thread-Rubber Finish
- Knit Wrist
- Safe, Durable and Flexible



MORE CHOICES
crlaurence.com

CAT. NO. 2404065
Minimum order is one pair

CRL Glove Sizing

All glove sizes vary depending upon their style. Nitrile gloves for instance, require a skin tight fit. On the other hand, general purpose work gloves or glass handling gloves need not fit too tight or too loose. Measure around the palm of your hand, and use the chart to the right to get the correct fit.

All CRL Gloves can be combined for quantity pricing.
Fuzzy Duck and Atlas are all registered trademarks of Showa Glove Company.

- What Size Glove Should You Order?
- Use the Chart Below to Determine the Correct Size for Your Hands

SIZE	PALM MEASUREMENT
Small	7" to 8" (178 to 203 mm)
Medium	8" to 9" (203 to 229 mm)
Large	9" to 10" (229 to 254 mm)
X-Large	10" to 11" (254 to 279 mm)



Measure around your palm

CRL Disposable Nitrile Gloves

- Provide Resistance Against Solvents and Other Chemicals
- Medical Grade
- Powder Free



MORE CHOICES
crlaurence.com

CAT. NO.	SIZE	QTY/BOX
7005SM	Small	100
7005MD	Medium	100
700512	Large	12 Pair
7005NG	Large	100
7005XL	X-Large	90

Minimum order: 1 box. All gloves on this page can be combined for quantity pricing.

CRL Powder Free Disposable Latex Gloves

- Fully-Textured Surface for Superior Grip
- Can Be Worn on Either Hand
- Powder Free



CAT. NO.	SIZE	QTY/BOX
262SM	Small	100
265MD	Medium	100
266LG	Large	100
268XL	X-Large	90

Minimum order: 1 box. All gloves on this page can be combined for quantity pricing.

CRL Tear Resistant Black Latex Gloves

- 10 Mil Thickness for Extra Protection
- Textured Surface for Superior Grip
- Powder Free



CAT. NO.	SIZE	QTY/BOX
2005SM	Small	100
2005MD	Medium	100
2005LG	Large	100
2005XL	X-Large	90

Minimum order: 1 box. All gloves on this page can be combined for quantity pricing.

CRL Black Nitrile Gloves

- 100% Latex Free With No Powder
- Textured Surface for Superior Grip
- Excellent Puncture and Tear Resistance
- Resistant to Solvents



CAT. NO.	SIZE	QTY/BOX
5005SM	Small	100
5005MD	Medium	100
5005LG	Large	100
5005XL	X-Large	90

Minimum order: 1 box. All gloves on this page can be combined for quantity pricing.

CRL Lint Free Nylon Gloves

- A Must for Insulating Glass Fabrication
- Keeps Fingerprints Off Glass



CAT. NO.	SIZE
NG170	Small
NG171	Large

Minimum order: 1 dozen pairs. Sizes can be combined for quantity pricing.

Flexx-Rap is a registered trademark of Henry, D.F.

CRL Flexx-Rap® Protective Wrap for Hands and Fingers

- Waterproof, Flexible, and Porous
- Self-Adhesive Without Leaving Residue
- Improves Grip
- Roll Size is 1" x 15' (25 mm x 4.6 m)



CAT. NO. FR51
Minimum order is one roll

CRL Glassworkers Protective Sleeves

- Vital Protection for Your Arms and Shoulders
- Staggered Grommets Protect Against Puncture
- Custom Sleeves and Options Available
- ANSI Cut Resistance: 1

CAT. NO.	LENGTH	SIZE
GWS8353	25" (635 mm)	Small
GWS8354	27" (686 mm)	Medium
GWS8355	29" (737 mm)	Large

Minimum order: 1 pair. Can be combined with all other glassworker's sleeves for quantity pricing.

NOTE: For replacement elastic straps, order Cat. No. GWSSTRAP.



Sleeve Close Up



CRL Cane Mesh Sleeves

- Cane Nylon for Comfort
- Leather Straps Add Protection
- Open Weave Design Adds to Your Comfort in Warmer Environments

CAT. NO.	LENGTH
CN85029	29" (737 mm)
CN85031	31" (787 mm)

Minimum order: 1 pair. Can be combined with all other Glassworker's Sleeves for quantity pricing.

NOTE: For replacement elastic straps, order Cat. No. GWSSTRAP.



Sleeve Close Up



CRL Oversize Cane Mesh Sleeves

MORE INFORMATION crlaurence.com

- Extra Width From Top to Bottom
- Fit Easily Over Jackets
- Two Sizes Available

CAT. NO.	LENGTH
CN86029	29" (737 mm)
CN86031	31" (787 mm)

Minimum order: 1 pair. Can be combined with all other Glassworker's Sleeves for quantity pricing.

NOTE: For replacement elastic straps, order Cat. No. GWSSTRAP.



CRL Nylon Wrist Protectors

- Lightweight and Flexible
- Hook and Loop Closure
- Stitched With Kevlar®
- ANSI Level 2 Cut Resistance

CAT. NO.	WRIST CIRCUMFERENCE	FOREARM CIRCUMFERENCE	LENGTH
4X2257M	9-1/2" (241 mm)	13-1/2" (343 mm)	7" (178 mm)
4X2257XL	11-1/2" (292 mm)	15-1/2" (394 mm)	7" (178 mm)
4X2259M	9-1/2" (241 mm)	14-1/2" (368 mm)	9" (229 mm)
4X2259XL	11-1/2" (292 mm)	16-1/2" (419 mm)	9" (229 mm)

Minimum order: 1 pair. All Wrist Protectors can be combined for quantity pricing. Sold only by the pair.



Gloves Not Included

CRL D-Flex® Cut Resistant Sleeves

- D-Flex® Has Three Times the Cut Resistance of Kevlar®
- ANSI Level 5 Cut Resistance



CAT. NO. 927S
Minimum order is one pair

CRL Cut Resistant Kevlar® Neck Protector

- Comfortable in All Climates
- Cut Resistance Rating of 4
- Adjustable to Fit Any Neck Size
- Easy-On, Easy-Off





CAT. NO. 99995
Minimum order is one each

Kevlar is a registered trademark of E.I. duPont de Nemours and Company.
D-Flex is a registered trademark of Showa Glove Company.

CRL Kevbest™ Protective Sleeves

- Lightweight Kevlar® Reinforced Metal Grommets for Safety and Added Ventilation
- ANSI Level 2 Cut Rating
- EN388 Puncture Level 2
- Sold Only in Pairs



CAT. NO.	LENGTH
S30KV25	25" (635 mm)
S30KV27	27" (686 mm)
S30KV29	29" (737 mm)

Minimum order: 1 pair. Sizes can be combined for quantity pricing.

CRL Protective Leg Chaps

- Kevlar® Protection - Lighter Than Leather
- Hook and Loop Closures Hold Chaps to Your Ankles
- Sold in Pairs
- Fits Waist Sizes Up to 46" (1168 mm)

MORE INFORMATION crlaurence.com



CAT. NO.	LENGTH
L49TC34	34" (864 mm)
L49TC36	36" (914 mm)
L49TC38	38" (965 mm)

Minimum order: 1 pair. Sizes can be combined for quantity pricing.

CRL Cut Protection Jackets

- Lightweight Kevlar® Provides Cut Protection
- Available With or Without Grommets in Body and Sleeves
- ANSI Level 2 Cut Rating





CAT. NO.	GROMMETS	SIZE
C35GKVSM	Yes	Small
C35GKVMD	Yes	Medium
C35GKVLG	Yes	Large
C35GKVXL	Yes	X-Large

Minimum order: 1 each. All Jackets can be combined for quantity pricing.

CAT. NO.	GROMMETS	SIZE
C35KVSM	No	Small
C35KVMD	No	Medium
C35KVLG	No	Large
C35KVXL	No	X-Large

Minimum order: 1 each. All Jackets can be combined for quantity pricing.

How to Order Custom CRL Cut Protection Jackets



Half-Jacket



Eisenhower Style Jacket

What Are My Ordering Options?

- Reversed Grommets
- No Grommets
- Half or Eisenhower Style Jackets
- Custom-Sized Jacket

HALF-JACKET			EISENHOWER JACKET	
CHEST MEASUREMENTS	SLEEVE LENGTH	ORDER SIZE	CHEST MEASUREMENT	SLEEVE LENGTH
40" (1016 mm)	27" (686 mm)	Small	48" (1219 mm)	29" (737 mm)
44" (1118 mm)	31" (787 mm)	Medium	50" (1270 mm)	31" (787 mm)
46" (1168 mm)	35" (889 mm)	Large	52" (1321 mm)	33" (838 mm)
50" (1270 mm)	39" (991 mm)	X-Large	54" (1372 mm)	35" (889 mm)

Minimum order: 1 each. ***NOTE:** Jackets are designed to be worn over clothing. We suggest you take chest measurements while wearing a light jacket or sweatshirt to make sure you will have freedom of movement while wearing the Kevlar® Jacket.

Kevlar is a registered trademark of E.I. du Pont de Nemours and Company.

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Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Cargo Handler's Chaps

- Split Leg Heavy-Duty Sueded Leather
- Adjustable All Leather Belt
- Heavy-Duty Leg Straps With Snap Rings
- Reinforced Crotch Area



CAT. NO. MN431
Minimum order is one each

CRL Protective Leather Apron

- Measures 22" Wide x 24" Long (559 x 610 mm)
- Heavy Leather Apron With a Hook/Clasp Buckle and Web Belt
- Surface Protection to Areas Below the Waist and Above the Knees

MORE CHOICES crlaurence.com



CAT. NO. TG340
Minimum order is one each

CRL Baler Style Protective Leather Apron

- Widely Used by the Glazing, Construction, and Packaging Industries
- Protects Below Waist and Above Knees
- Measures 24" Wide x 18" Long (609 x 457 mm)



CAT. NO. 2404432
Minimum order is one each

CRL 5-Pocket Machinist Apron

- Heavy Weight Double Stitched Blue 100% Cotton Canvas
- Pockets Designed to Hold Shop Tools
- Two Large Waist Pockets, Two Bib Pencil Pockets and Swing Pockets



CAT. NO. MNT27
Minimum order is one each

CRL 14-Pocket Bib Apron

- Room for Small Tools and Fasteners
- Professional Quality
- Functional Design
- Tough Construction
- Rivet Reinforced Cotton Canvas Construction



CAT. NO. MNC7
Minimum order is one each

CRL Rubber Apron

- Full Splash Protection
- Rubberized Nylon
- Welded Seams
- Cotton Shoulder Straps
- Comfortable to Wear





CAT. NO. 114
Minimum order is one each

CRL Disposable Foam Ear Plugs

- Economical Ear Protection
- One Size Fits All





These popular low density CRL Foam Ear Plugs are easy to use. Simply roll them in your hand to reduce their diameter, insert them in your ears and they will expand to stay secure and provide ear protection. Permits conversational noise levels while providing comfortable and economical ear protection. 200 wrapped pairs per box. Minimum order is one box.

CAT. NO. ES986

CRL Elastic Back Support Belt

- Hook-and-Loop Quick Fit
- Adjusts for Comfort
- Four Sizes



Our Elastic Back Support Belt was designed to reduce the possibility of back stress and injury, while encouraging proper body mechanics. Breathable material keeps you cool.

CAT. NO.	WAIST SIZE
5900SB	Small 28" to 32" (711 to 813 mm)
5900MB	Medium 32" to 38" (813 to 965 mm)
5900LB	Large 38" to 46" (965 to 1168 mm)
5900XLB	X-Large 46" to 56" (1168 to 1422 mm)

Minimum order: 1 each.

CRL Disposable Dust Mask

MORE CHOICES crlaurence.com

- Ideal Protection Against Dust When Sanding, Grinding, and Cutting



NOTE: This mask is not suitable for use against toxic or hazardous air contaminants.

These CRL Disposable Dust Masks protect against nuisance and non-toxic dusts, powders, pollen, and other common airborne irritants. Comfortable and lightweight, they are designed to be worn with or without eyeglasses or goggles without interfering with your maximum field of vision.

CAT. NO.	QTY/BOX
G1001	50

Minimum order: 1 box. All Dust Masks can be combined for quantity pricing.

CRL Glass Dust Respirator

- Soft, Durable Face Piece Designed for Safety and Comfort





Requires Two Filters

The CRL Glass Dust Respirator comes complete with Filter Disks certified under NIOSH 42 CFR 84 to have a filter efficiency of 99.97% or greater against oil, non-oil aerosols, and silica (glass) dust. It also conforms to requirements for contaminants falling under OSHA substance specific standards of High Efficiency Particulate Air (HEPA) Filters.

CAT. NO.	DESCRIPTION
ES287X	Respirator and Filter Disks
MD8940	Replacement Filter Disks (Pair)

Minimum order: Respirator is 1 each. Filter Disks are 1 pair. Respirators can be combined for quantity pricing

CRL Particulate Respirator

- Perfect for Glass Fabricators



CRL's Particulate Respirator is ideal for anyone in the glass industry who cuts, seams, drills or edges glass. This is the perfect Respirator to filter out glass dust particles in the air caused by any glass fabrication process. The Particulate Respirator is designed with inner foam which provides a custom seal, and a dual head strap for optimum fit. NIOSH approved.

CAT. NO.	QTY/BOX
G1002	20

Minimum order: 1 box. All Dust Masks can be combined for quantity pricing.

CRL Dust and Mist Respirator

- NIOSH/MSHA Approved for Dust and Mists With PEL
- Meets OSHA Up to 10X PEL



CRL Dust and Mist Respirator protects against coal, cadmium, chromium, lead, cotton, dust, silica, and other substances. NIOSH/MSHA approved for dusts and mists with PEL not less than 0.05 mg/m^3. Meets OSHA Standards for use up to 10X PEL.

CAT. NO.	QTY/BOX
ES8710	20

Minimum order: 1 box. All Dust Masks can be combined for quantity pricing.

CRL Radians® Rad-Sequel™ Safety Glasses

PROTECT



- Meets ANSI Z87.1 Standards
- Comfortable Fit

CRL's Radians® Rad-Sequel™ Series Safety Glasses provide wrap-around eye protection in a lightweight design. Choose either clear, smoke or indoor/outdoor polycarbonate, impact-resistant lenses. The rubber tipped temples offer a secure, comfortable fit. The hard coated lenses are also 99.9 percent UV effective.

CAT. NO.	LENS COLOR
RDS1C	Clear
RDS1S	Smoke
RDS10	Indoor/Outdoor

Minimum order: 1 pair.

CRL Radians® Mirage™ Safety Glasses

MORE CHOICES crlaurence.com



- Made in USA
- Sleek, Lightweight Design

CRL's Radians® Mirage™ Series Safety Glasses offer a comfortable fit for both men and women. The snap-fit temples provide a secure fit and the optically correct lenses give distortion-free viewing. The wrap-around lens design provides impact resistance and a nearly perfect orbital seal. They are ANSI approved, 99.9 percent UV effective, and available in clear, smoke and indoor/outdoor lenses.

CAT. NO.	LENS COLOR
MR01C	Clear
MR01S	Smoke
MR010	Indoor/Outdoor

Minimum order: 1 pair.

CRL Radians® Rad-Apocalypse™ Safety Glasses



- Available in Three Lens Colors
- Great Style

CRL's Radians® Rad-Apocalypse™ Safety Glasses not only provide excellent eye protection, but have great style. Features include soft rubber temples and a nosepiece which allows all-day comfort, coated scratch-resistant lenses, and a convenient neck cord. The polycarbonate lenses meet the ANSI Z87.1 rating and have 99.9 percent UV protection.

CAT. NO.	LENS COLOR
RAP1C	Clear
RAP1S	Smoke
RAP10	Indoor/Outdoor

Minimum order: 1 pair.

CRL Radians® Rad-Infinity™ Safety Glasses



- Excellent Features
- Superior Protection

CRL's Radians® Rad-Infinity™ Safety Glasses are uniquely styled and offer superior eye protection. They are available in clear, smoke, and indoor/outdoor lenses. Rad-Infinity™ Glasses have cushioned rubber temple pads which provide outstanding comfort, a gel non-slip nosepiece, coated scratch-resistant lenses, and a neck cord for convenient on/off situations. The lenses conform to ANSI Z87.1 standards and provide 99.9 percent UV protection.

CAT. NO.	LENS COLOR
R1N1C	Clear
R1N1S	Smoke
R1N10	Indoor/Outdoor

Minimum order: 1 pair.

CRL Radians® Vector™ Safety Glasses



- Great Protection
- Classic Style

CRL Radians® Vector™ Safety Glasses feature a 100% polycarbonate lens that meets the ANSI Z87.1-1989 Standard, and is distortion-free with fog and scratch resistance built in. The adjustable temple and full 155 degree width provide increased protection. Minimum order is one pair.

CAT. NO. CL0210
Clear Lens

CRL Patriot® Safety Eyewear



- Red, White, and Blue Frame
- Integrated Side Guards

CRL Patriot® Safety Eyewear provides wrap-around protection in an attractive, lightweight, colorful frame with adjustable temples. The single-lens style with nosepiece and brow guard provides a comfortable fit and also meets ANSI Z87.1 Spec. The clear, hardcoated lenses are scratch resistant. Minimum order is one pair.

CAT. NO. 2404443
Clear Lens

All Safety Glasses on this page can be combined for quantity pricing.

Radians is a registered trademark of Radians, Inc.
Patriot is a registered trademark of Sperian Eye & Face Protection, Inc.

CRL UV Goggles

VIDEO

- Provides Maximum Protection From Exposure to Extended or High-Intensity Ultraviolet Sources



CRL UV Goggles protect the user against most ultraviolet light sources. These Goggles specifically provide maximum protection from exposure to extended or high-intensity UV sources. Meet ANSI specification Z87.1 for safety eye-wear and OSHA standard 1910.133 for eye and face protection. They fit easily over regular eyeglasses. Minimum order is one each.

CAT. NO. UVG50

CRL UV-Absorbing Spectacles

VIDEO

- Protects Against UV Exposure
- Fits Easily Over Regular Eyeglasses



These CRL UV-Absorbing Spectacles are specially designed to protect the user against limited exposure to low intensity UV sources. Attractive and durable, these well proportioned frames fit easily over conventional eyeglasses. Minimum order is one each.

CAT. NO. UVS30

CRL Radians® Coveralls™ Safety Glasses

PROTECT

- Safety and Comfort
- Can Be Worn Over Eyeglasses



Traditionally styled Radians® Coveralls™ give you protection at an economic price. They can be worn over prescription glasses. They're an excellent choice for use as "visitor" glasses. Minimum order is one each.

CAT. NO. VS0010

CRL Protective Goggles

- Soft Vinyl Frame
- Distortion Free Lens



CRL Protective Goggles offer comfort as well as protection against flying particles, dust and splash. Injection molded from soft, pliable, non-irritating vinyl, these Goggles fit all sizes and shapes. They even fit comfortably over large prescription glasses. They have a soft vinyl frame with perforations for maximum ventilation. They also feature a high-optical quality, distortion-free, replaceable polycarbonate lens. Minimum order is one each.

CAT. NO. ES432

CRL 25 Person First Aid Kit

MORE CHOICES crlaurence.com

- Meets ANSI Standard Z308.1.2009
- Complies With OSHA Requirements

This is an ideal First Aid Kit for a small shop environment. The 25 Person Kit should be kept where it is quickly and easily accessible to all shop employees. The Kit can also be attached to any wall for convenient access. This Kit services up to 25 people, and meets and exceeds ANSI Standard Z308.1.2009.

KIT CONTAINS:

Bandage Assortment
Certi-Strip Plastic, 1" x 3"
Certi-Gauze Pad, 3" x 3"
Gauze Non-Stick Pad, 2" x 3"
Triangular Bandage, 40"
Certi-Strip, Fingertip
Certi-Strip, Knuckle

First Aid Assortment
BZK Towelettes, 5" x 7"
Certi-Burn Cream, 1 gm.
Certi-Antibiotic Cream, 1 gm.
Ammonia Inhalant
PVP Iodine Wipe-Ups, 1" x 2"
Absorbent Compress, 32 sq. in.
Alcohol Gel, 1 gm.
Eye Wash, 4 oz.
Certi-Cool Pack
Nitrile Gloves, 1 pr.
Adhesive Certi-Tape, 1/2" x 2-1/2 yd.
First Aid Facts Sheet



CAT. NO. K61029
Minimum order is one each

Radians is a registered trademark of Radians, Inc.

CRL Face Shields

PROTECT

- Adjustable for All Head Sizes
- Available Models- Standard or UV Absorbing

Our all plastic CRL Face Shields have extra-wide windows which offer protection and comfort. Designed for protection from flying particles during woodworking, metal finishing, and exposure to ultraviolet light. Adjustable for all head sizes.



CAT. NO.	DESCRIPTION
ES484	Standard Shield
UVF80	UV-Absorbing Shield

Minimum order: 1 each.

CRL Safety Hard Hat

MORE INFORMATION crlaurence.com

- Complies With OSHA Requirements ANSI Z89. 1-1986 Class A and B

These CRL Safety Hard Hats are made from an improved, injection-molded, high-density polyethylene that offers superior protection against impact, penetration, and shock. It has good resistance to chemicals and voltage, yet it weighs less than 12 ounces (340 gm), making it comfortable to wear. The four point integral suspension has a head gripping, extra-contoured nape strap for a better fit.



CAT. NO.	COLOR
ES3412	Red
ES3442	White
ES3452	Yellow
ES3492	Blue

Minimum order: 1 each.

CRL Ratchet Suspension Hard Hat

- Fit Can Be Adjusted While Wearing Hat

CRL's Ratchet Suspension Hard Hat is made of lightweight polyethylene with impact absorbing ridges. These very comfortable Hats meet ANSI Z89.12003 Standard, Type 1, Class G & E. The innovative ratchet nylon suspension allows the wearer to easily adjust the fit of the Hat while it is being worn by simply turning the rear knob. The soft brow band is washable and reusable, and the universal slots will accommodate most cap mounted ear muffs.



CAT. NO.	COLOR
HH300W	White
HH300Y	Yellow
HH300B	Blue

Minimum order: 1 each.

CRL Hard Hat Head Lamp

- Waterproof for Use in Inclement Weather
- Lightweight, With Swivel Lens

This CRL Hard Hat Head Lamp is a multi-purpose battery-powered lamp for use on Hard Hats or worn on the forehead. This hands-free lamp gives you an extended viewing range with a swivel lens that focuses light up to 90 degrees to either side. Easy on/off button. Uses AA batteries, which are included. Minimum order is one each.



Shown with Hard Hat (Sold Separately)

CAT. NO. ES015

CRL Hard Hat Chin Strap

- Adjustable - One Size Fits All





Shown with Hard Hat (Sold Separately)

This CRL Chin Strap has an adjustable elastic web which clips onto your hard hat, wrapping under your chin and keeping the hat snug on your head. One size fits all. Minimum order is one each.

CAT. NO. ES003

CRL Hard Hat Winter Liner

- Add Warmth to Your Safety Cap
- Soft Non-Irritating Fabric

This CRL Winter Liner makes hard hats warm and comfortable to wear during the coldest weather. They are made of pre-shrunk and washable cotton, and help keep head, neck, and ears warm in frigid temperatures. Minimum order is one each.



CAT. NO. ES524

CRL Plumb Perfect Level®

MORE INFORMATION crlaurence.com

- Take "Out-of-Plumb" or Level Measurements Quick and Accurate
- No More Guessing With Standard Levels
- Stop Scraping Glass That Doesn't Fit
- Two Sizes Available

The CRL Plumb Perfect Level® was invented by a glazier who was looking for an easy method of establishing the distance a wall is "out-of-plumb" from top to bottom. This figure is necessary for many types of installations, especially when laying out storefront and shower projects. The end design is a simple, "one-person" tool that can be quickly extended to the correct height, trued to plumb, and then with a twist of the scale locking knob you can extend the scale to read the distance "out-of-plumb" the wall is from top to bottom.

The CRL Plumb Perfect Level® is an expandable aluminum frame with a built-in level, plus a calibrated steel scale which protrudes horizontally. Frames have a minimum height of 24" or 56" (610 or 1422 mm) and a maximum extended height of 42" or 98" (1066 or 2489 mm) to fit most common install jobs. These accurate and durable tools will save time and money during each installation.



PPL98 Shown



Vertical Bubble Vial Level



Horizontal Bubble Vial Level



Long Extension Lock and Horizontal Scale

CAT. NO.	DESCRIPTION
PPL42	Expands 24"-42" (610-1066 mm)
PPL98	Expands 56"-98" (1422-2489 mm)

Minimum order: 1 each.

CRL Electronic Level and Angle Locater With Digital Display

- Front Laser Beam for Quick Transference of Reference Points
- LCD Screen Automatically Inverts for Overhead Measurements
- LCD Displays Level or Angle
- Audible Indicator for Both 0 and 90 Degrees

The CRL Electronic Level is the most advanced level and angle finder in the industry. The bright and clear LCD indicator shows both degrees of level or percent of level; at the same time when the pivot arm is lifted the indicator reads degrees of angle. When turned upside down to determine the level of a header or overhead beam, the LCD screen automatically inverts right-side-up for easy reading. There is a powerful built-in laser, which makes transference of level points a snap. It also features an audible tone when the unit is in perfect level or plumb. Unit is easily field calibrated for level, and the entire tool operates on just three "AA" batteries (included). Minimum order is one each.



CAT. NO. 406065



A Winning Combination-Use your 406065 Electronic Level and Angle Locator with your CRL Cat. No. CM6 Construction Master® Pro Calculator to solve difficult "out-of-square" measurements. Complete detailed instructions can be found on the CRL web site. Just hit the "How To Do It" icon to view step-by-step instructions when you are viewing 406065 online.



CAT. NO. CM6

CRL Plumb/Level Finder Gauges

- Use With Your Level to Determine "Out-of-Plumb"
- Five Individual Thickness Gauges

This handy set of CRL Plumb/Level Finder Gauges makes it simple to determine the amount or distance a wall or floor is "out-of-plumb" when using your bubble vial level. Set includes: 1/16", 1/8", 3/16", 1/4" and 3/8" (1.6, 3.2, 4.8, 6.4 and 9.5 mm) thick neoprene gauges. Simply hold the level tight against a horizontal or vertical surface. True the level and then use the thickness gauges to determine the amount out of level or plumb the surface is at that point. You can combine gauges when necessary for gaps exceeding 3/8" (9.5 mm). Minimum order is one each.



CAT. NO. PLF1



Plumb Perfect Level is a registered trademark of Brian Hale.
Construction Master is a registered trademark of Calculated Industries, Inc.

CRL Cross-Line Self Leveling Laser Kit

- Self-Leveling Within 3 Degrees, 49' (15 meter) Range
- Locking Mechanism Blocks Self Leveling and Locks Display
- Vertical Line, Horizontal Line, or Both



MORE CHOICES
crlaurence.com



CAT. NO. LD200

The CRL LD200 Cross-Line Self Leveling Laser Kit allows you to cast a vertical or horizontal solid line, or both at the same time. When the device is tipped beyond 6 degrees, the laser will begin flashing and an audio alarm will sound. This kit also includes: three AA batteries, a 1/4-20 threaded mounting hole for use with tripods, a 360 degree swivel mount, a magnetic wall mount, a laser target (to extend useful range), and a rugged nylon storage bag. Minimum order is one each.

CRL Standard Spot Laser Tool

- Establishes Plumb and Level
- Projects Laser Beams 3 Ways
- Self-Leveling Within 6 Degrees



The CRL Standard Spot Laser Tool gives you the convenience of a torpedo level with the quality of information available only from a professional point-to-point laser. Three bright laser points allow the PLS3 to be used anywhere on the job site for level reference and point-to-point plumb from floor to ceiling, or from up to 50 feet (15.2 m) off the ground. Weighing only 12 ounces (.33 kg), this hand held unit operates on three AA batteries (not included) for up to 30 hours. It comes with a Leather Carrying Pouch, Operating Manual, and full one-year manufacturer's warranty. Minimum order is one each.

CAT. NO. PLS3

CRL Deluxe Spot Laser Tool

- Establishes Plumb, Level, and Square
- Projects Laser Beams 5 Ways
- Self-Leveling Within 8 Degrees



The CRL Deluxe Spot Laser Tool provides simultaneous plumb, level, and square references in a compact, accurate, and affordable package. True point-to-point alignment information speeds layout and installation of curtainwalls, doors, windows, and skylights. Five bright reference points are easily seen indoors or out, and the unit is powered by three AA batteries (not included). It comes complete with Floor Mount, Magnetic Wall Mount, Layout Targets, Carrying Case, Operating Manual, and full one-year manufacturer's warranty. Minimum order is one each.

CAT. NO. PLS5

CRL 5-Point Laser Level

- Increases Productivity - Projects Plumb, Level, and Square Laser Points
- Electronically Motorized Leveling
- Range Up to 100' (30.5 m)

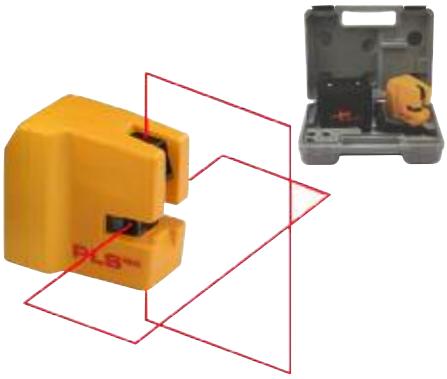


The CRL 5-Point Laser Level eliminates set-up time and ensures accuracy. It transfers and aligns level, plumb, 90 degrees, and grade points. The robust housing is water and dust proof to ensure years of dependable operation. Includes: Laser Tool, Multi-Purpose Attachment, Recalibration Wrench, Laser Enhancement Glasses, Mounting Strap, and Carrying Case. Requires four AA batteries (not included). Minimum order is one each.

CAT. NO. GPL5

CRL PLS180 Palm Laser

- 180 Degrees Horizontal and Vertical Line Generating
- Plumb, Level, and Square



There are three separate modes of operation: a single horizontal line, a single vertical line, or both lines projected simultaneously forming cross hairs. Both lines are projected from the front of the Laser, and produce a line that is 180 degrees wide in both horizontal and vertical. This Laser is self-leveling when the base is within 6 degrees of level. Accuracy is within 1/8" (3.2 mm) at 30' (9.1 m). Three AA batteries included. Minimum order is one each.

CAT. NO. PLS180

CRL Frameless Shower Super Kit

- **Convenient Kit Containing Everything Needed for a Professional Frameless Shower Door Installation**

The CRL Frameless Shower Super Kit provides the professional installer with a good selection of tools to assist with frameless shower door installs.



CAT. NO. FSSK1

MORE INFORMATION
crlaurence.com

FSSK1 FRAMELESS SHOWER SUPER KIT CONSISTS OF ONE EACH OF THE FOLLOWING UNLESS NOTED OTHERWISE:

CAT. NO.	DESCRIPTION
FA3W	Frameless Alignment Tool
GRT14	1/4" GROO-V Tip® Granite Drill Bit (5 Each)
GRT316	3/16" GROO-V Tip® Granite Drill Bit (5 Each)
MAT1	Magnetic Alignment Tool
PLF1	Plumb/Level Gauge Set
PR2S	Perfect Reveal Tool (1 Pair)
SS2L	Super Shim Leveler (1 Pair)
UV282	Adjustable Suction Clamp
T1418	Tool Box With Tray

Minimum order: 1 each.

CRL Super Shim Shower Door Leveler

GLAZIER INVENTION

- **Easy Adjustable Micro Leveling**
- **Eliminates Stacks of Wood or Plastic Shims**
- **Works With 3/8" or 1/2" (9.5 or 12.7 mm) Thick Tempered Glass Doors**





CAT. NO. SS2L

The CRL Super Shim Shower Door Leveler is a remarkably simple device that every shower door installer will want in their tool box. The Super Shim is a micro adjustment device which will lift and level any shower door, ensuring a precise alignment every time.

The CRL Super Shim lifts the door panel by way of a threaded adjustment bolt: Turn the bolt clockwise and raise the panel. When used in conjunction with a level the CRL Super Shim will eliminate the phrase "close enough" from every shower door installer's vocabulary. Now every door installation will be a perfect fit.

The CRL Super Shim is manufactured with non-slip materials which prevent damage to tile or glass, while still allowing smooth movement where necessary. Ratchet wrench included. Minimum order is one pair.

CRL Frameless Blocks

GLAZIER INVENTION

- **Use With 3/8" (10 mm) and 1/2" (12 mm) Thick Glass to Assist in Aligning and Leveling**



CRL Frameless Blocks are used to help with the installation of 3/8" (10 mm) and 1/2" (12 mm) frameless shower doors and panels. You can set your door and panels in the blocks to assist in plumbing, aligning, and leveling your glass. Adjust your height by adding setting blocks in the rails. The base is 5/16" (8 mm) thick. The opening size for 3/8" (10 mm) glass is 7/16" (11 mm) wide, and for 1/2" (12 mm) glass the opening is 9/16" (14 mm).

Frameless Blocks help to avoid chipping, flaking, and breakage while helping to reduce installation time. Your installers will appreciate all of these features, as well as added safety. They can also be used to help with the installation of 3/8" (10 mm) and 1/2" (12 mm) commercial storefront doors and panels.

CAT. NO.	FOR USE WITH
FB38G	3/8" (10 mm) Glass
FB12G	1/2" (12 mm) Glass

Minimum order: 1 set.

CRL Frameless Hinge Jig

GLAZIER INVENTION

- **Rapid Mounting of Wall Hinge Plates**
- **Accurately Mark Hole Locations Without Mounting Hinges on Glass**
- **Includes Templates for CRL Geneva, Pinnacle, Cologne, and Vienna Series Hinges**





CAT. NO. FHJ1

The Frameless Hinge Jig is the latest in a long line of "glazier inspired" tools that makes the installation of a wall mounted door more rapid and increases the accuracy of the hinge placement. The jig has been designed to accommodate many different wall mount hinge plate designs and, in doing so, acts as a template for marking the wall for drilling holes.

The Frameless Hinge Jig comes equipped with a folding straight edge that supports two adjustable hinge plates used for marking the wall. Minimum order is one each.

CRL TAPER-LOC® Installation/Removal Tool Kit for Glass Railing and Windscreen Systems

CRL ALUMINUM MANUFACTURED IN THE USA

MORE INFORMATION crlaurence.com

TAPER-LOC X DRY GLAZE RAILING SYSTEM

U.S. Patents 8,122,654 and 8,201,366.
Commonwealth of Australia
Patent No. 2008207524

- Works With All of CRL's TAPER-LOC® Systems and Components, Including TAPER-LOC® "X" and "XA"
- Features Integrated Torque Wrench Designed for Precise Lock-Up Force
- Supports All Mounting Methods
- Reduces Installation Time by 50%
- Easily Allows You to Remove, Adjust or Replace Glass Panels
- Can Be Used With Monolithic Tempered and Laminated Tempered Glass



CAT. NO. TLK12
Minimum order is one each

The Installation/Removal Tool is used for tightening TAPER-LOC® Tapers in the channel of the base shoe. It has an Integrated Torque Wrench that applies the precise lock-up force necessary to set the glass panels. Simply set in place and turn the wrench until a clicking sound is heard. This assures the Tapers have been locked together. It can also remove all models of TAPER-LOC® Tapers when glass panels need to be reset or replaced. You can also use the Tool for base shoe that has been recessed into the floor by switching the standard Compression Blades (blue) with the longer Recessed Blades (red), both included. The Tool Kit comes with the Integrated Torque Wrench, a Glass Railing Setting Tool for Monolithic Glass, a Laminated Glass Setting Tool, a pair of Glass Setting Roller Blocks, three sets of color-coded Blades (yellow, red, and blue), matching Pusher Plates, and Instructions, all in a Molded Carrying Case.



Place the TAPER-LOC® Tapers into base shoe finger tight at designated spacing.



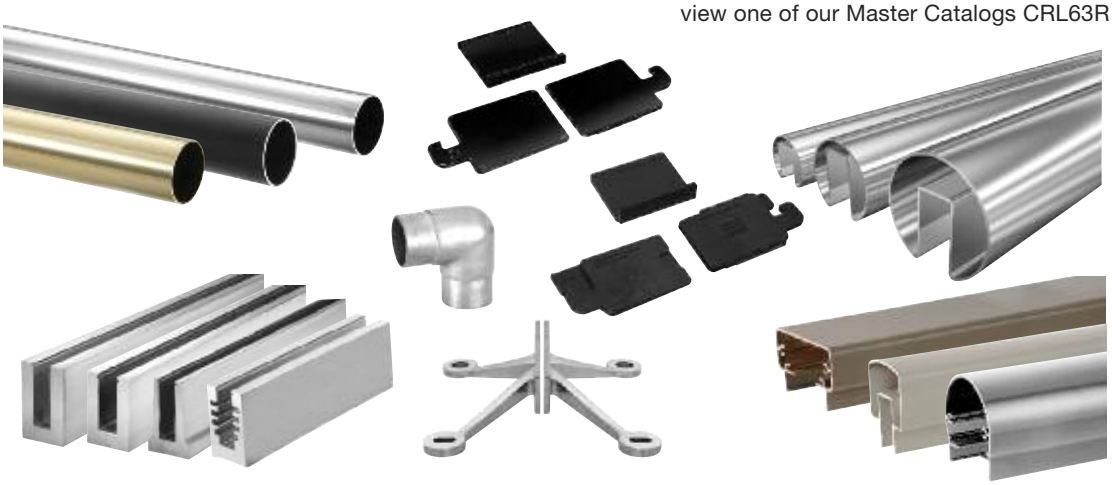
Place the TAPER-LOC® Installation/Removal Tool into position directly over the Taper Set.



Tighten the TAPER-LOC® components using our measured Torque Wrench and you are done.

CRL Architectural Railing Systems

Our Architectural Railing Systems feature an extensive line of hand rails, guard rails, aluminum railing and windscreen hardware. For more information visit our web site at **crlaurence.com/railing-systems**, or view one of our Master Catalogs CRL63R or CRL93A.





CRL TAPER-LOC® Installation/Removal Tool Replacement Blades

- For Use With TLK5, TLK9, and TLK12 TAPER-LOC® Tools for Surface Mount and Recessed Installs



TLK12 Tool
with Standard Blades

MORE INFORMATION
crlaurence.com



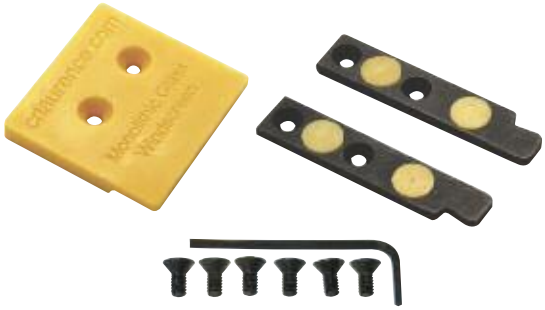
These CRL Standard Base Shoe Blades are designed for surface mounting of Guard Rails and Railings when using either of the TLK5, TLK9 or TLK12 TAPER-LOC® Installation/Removal Tools. Blades install easily using the supplied screws. Includes two Blades, one Pusher Plate, six Screws, and one Allen Wrench per pack. Minimum order is one pack.

CAT. NO. TLB5



These CRL Extended Blades work with both the TLK5, TLK9 and TLK12 TAPER-LOC® Installation/Removal Tools for fascia mount or recessed base shoe conditions. They install easily using the supplied screws. Includes two Blades, one Pusher Plate, six Screws, and one Allen Wrench per pack. Minimum order is one pack.

CAT. NO. TLB6R



These CRL Windscreen Base Shoe Blades are designed to work with the TLK5, TLK9, and TLK12 TAPER-LOC® Installation/Removal Tools. They install easily using the supplied screws. Includes two Blades, one Pusher Plate, six Screws, and one Allen Wrench per pack. Minimum order is one pack.

CAT. NO. TLB3

CRL TAPER-LOC® Extraction Tool

- For Extraction of Stuck TAPER-LOC® Tapers
- Designed for Either Right or Left Hand Use



- Works With All TAPER-LOC® Taper Sets

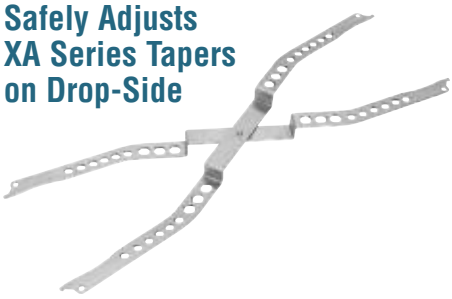
Use this Extraction Tool to remove TAPER-LOC® Tapers that have become stuck in the aluminum base shoe and cannot be removed by normal methods with the TLK5, TLK9 or TLK12 Installation/Removal Tools. Minimum order is one each.

CAT. NO. TLEX1

CRL TAPER-LOC® Angle Adjustment Tool

NEW!

- Safely Adjusts XA Series Tapers on Drop-Side





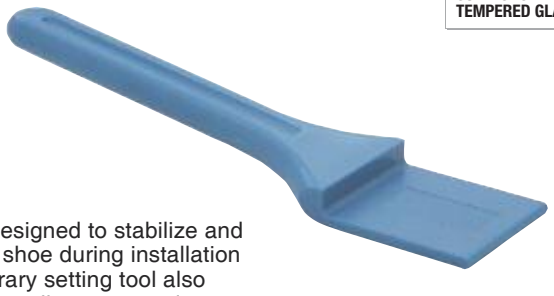
The new TAPER-LOC® XA System provides angular adjustment of the glass panel to correct for misalignment and glass curvature. This specialized tool will adjust the outside (drop-side) Tapers without the need for scaffolding or inconvenient leaning over the railing. Simply engage the tool with pre-installed Tapers and squeeze together with light pressure. Both ends of the tool are functional, and holes are provided for attachment of a safety lanyard (not included). Minimum order is one each.

CAT. NO. TLXAAT

CRL Monolithic Glass Railing Setting Tool

- For Use With CRL's Dry Glazed TAPER-LOC® System for Monolithic Glass
- Stabilizes and Centers the Glass Panel in the Base Shoe Pocket During Installation of Tapers







The CRL Monolithic Glass Railing Setting Tool was designed to stabilize and center the monolithic glass panel in the aluminum base shoe during installation of CRL's Dry Glazed TAPER-LOC® Tapers. The temporary setting tool also secures the monolithic glass panel in place, giving the installer time to adjust or align as required. Minimum order is one each.

CAT. NO. GWST2

CRL Laminated Glass Railing Setting Tool

- For Use With CRL's Dry Glazed TAPER-LOC® System for Laminated Glass





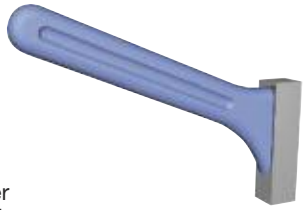


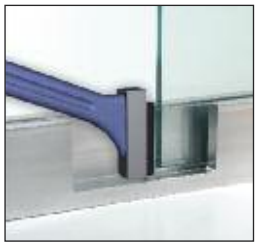
The CRL Laminated Glass Railing Setting Tool was designed to stabilize and center the laminated glass panel in the aluminum base shoe during installation of CRL's Dry Glazed TAPER-LOC® Tapers. The temporary setting tool also secures the laminated glass panel in place, giving the installer time to adjust or align as required. Minimum order is one each.

CAT. NO. LTLST3

CRL Rubber Spacing Block Installation Tool

- Makes Positioning of Spacing Blocks Fast and Easy





Simply push the CRL Rubber Spacing Block, with the adhesive side out, into the notch at the end of the Installation Tool, and then remove the release paper. Slip the Tool into Base Shoe pocket and slide it towards the edge of the glass panel. When contact is made push firmly, and then slide the Tool back. The Rubber Spacing Block is now in the proper location. Minimum order is one each.

CAT. NO. RSB1T

CRL Upgrade Kit for TLK5 Installation/Removal Tools

MORE INFORMATION crlaurence.com

- Allows Original Model TLK5 Tools to Work With All Monolithic Tempered and Laminated Tempered Glass Installs
- Color Coded Blades and Pusher Plates for Easy Identification and Matching





- Blades Work With Our Original Tapers and New TAPER-LOC® *'X'*

The TLK5 Upgrade Kit is available to bring your original model TLK5 TAPER-LOC® Installation/Removal Tool Kit current and enables one tool to work with all different profiles of base shoe and glass thicknesses. The Kit consists of: one pair of Yellow Blades and Pusher Plate for monolithic windscreen installs; one pair of Blue Blades and Pusher Plate for monolithic surface-mount guard rail and railing installs; one pair of Red Blades and Pusher Plate for monolithic recessed-mount guard rail and railing mounts; one black Pusher Plate for all laminated glass installs, and a Laminated Glass Setting Tool. **NOTE:** This Upgrade Kit intended for TLK5 Tools sold after December, 2008. Minimum order is one each.

CAT. NO. TLK7

CRL PAL Plumb/Angle/Level Locator Kit



- Plumb and Level All Your TAPER-LOC® Dry Glaze Railing Installs
- Works With All CRL Guard Rail and Windscreen Base Shoe
- Electronic Angle Finder for Custom Corners and Stairway Applications

This CRL PAL Plumb/Angle/Level Locator Kit was designed to assist you with level and plumb installations of all CRL railing base shoes. This innovative tool levels the shoe in both vertical and horizontal orientations. Each Kit includes: Laser Tool with Case, Base Shoe Alignment Adapter, Laser Target, Chalk Line, an 8 oz. (237 ml) bottle of Blue Chalk Refill, Black Listo Marking Pencil, Blue Sharpie Pen, and instructions, all packaged in a molded Carrying Case. Minimum order is one each.

CAT. NO. PAL1K

CRL PAL Plumb/Angle/Level Locator Laser Tool



Digital Display



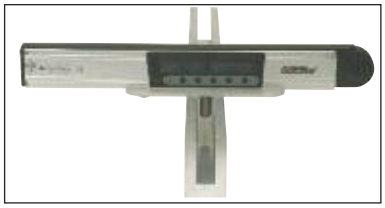
MORE INFORMATION crlaurence.com

- Use for Setting Glass in Base Shoe Prior to Installing TAPER-LOC® Dry Glaze System
- Angle Measurements in Degrees
- Displays Angle and Inclination Simultaneously

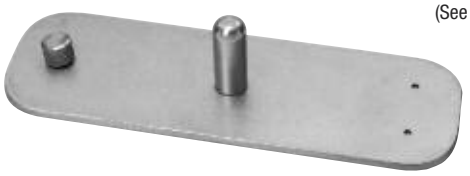
This CRL PAL Plumb/Angle/Level Locator Laser Tool displays angle measurements in degrees. Both the angle and inclination measurements are displayed simultaneously. Includes: Laser Tool and Carrying Case. Minimum order is one each.

CAT. NO. 406065

CRL Base Shoe Alignment Adapter



Laser Tool Sold Separately
(See Above)



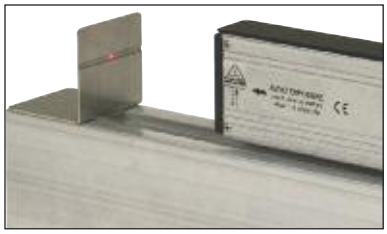
- Use With 406065 Laser Tool to Adapt to Railing Base Shoe
- Plumb and Level All Your TAPER-LOC® Dry Glaze Railing Installs

The CRL Base Shoe Alignment Adapter was designed to attach to the Cat. No. 406065 Laser to assist you with level and plumb installations of railing base shoe. Minimum order is one each.

CAT. NO. AMA1

CRL Laser Target





Laser Tool Sold Separately
(See Above)

- Use With 406065 Laser to Level Railing Base Shoe During Install

The CRL Laser Target was designed to work with the Cat. No. 406065 Laser Tool to assist you with level and plumb installations of railing base shoe. Minimum order is one each.

CAT. NO. LT1

CRL Makita® 12" Cold Cutting Metal Chop Saw

MORE INFORMATION crlaurence.com

- 12" (305 mm) Blade With 1" (25.4 mm) Arbor
- Cuts Mild Steel and Stainless Steel
- Cuts Cool and Dry
- 4-1/2" (114.3 mm) Maximum Cut Depth

The CRL Makita® 12" (305 mm) Cold Cut Metal Chop Saw is designed to use special dry cutting carbide saw blades to cut mild steel and stainless steel with virtually no sparking, no burring, and no heat discoloring. Saw comes with one 60 tooth carbide blade, which should be used to cut mild steel and stainless steel only. **NOTE:** The low RPM and closed tooth design of the blade will not work on aluminum.







CAT. NO.	DESCRIPTION
LC1230	110 Volt 12" (305 mm) Cold Metal Chop Saw With Blade
A91039	Replacement 12" x 1" Arbor 60 Tooth Carbide Saw Blade

Minimum order: 1 each.

CRL Makita® 18 Volt Cordless Metal Cutting Saw

- Uses 5-3/8" (136.5 mm) Carbide Saw Blades
- 2" (51 mm) Maximum Cutting Depth
- 30 Tooth Carbide Blade for Mild Steel and Aluminum Cutting Included
- 3600 RPM No Load Speed

The CRL Makita® 18 Volt Cordless Metal Cutting Saw is both powerful and portable. Using the latest in lithium-ion battery technology, the BCS550 represents the best of rapid charge and slow discharge cordless power tools from Makita®. The dry cutting BCS550 comes equipped with a 30 tooth 5-3/8" (136.5 mm) diameter carbide tipped saw blade engineered for mild steel or aluminum fabricating. Also included are two 18 volt 3.0Ah lithium-ion batteries and a 110 volt charger to make sure you are never out of power. Everything is packed in a sturdy plastic case. **NOTE:** The A95794 is engineered for stainless steel cutting only and should not be used on aluminum.







CAT. NO.	DESCRIPTION
BCS550	18 Volt Cordless Metal Saw Kit
BCS550SS	18 Volt Cordless Metal Saw Kit with A95794 Blade for S.S.
BL1830	18V DC Lithium-Ion Battery Cartridge
DC18RA	18V Lithium-Ion Battery Charger - 110 Volt
A95794	5-3/8" (136.5 mm) 56 Tooth Carbide Blade for S.S.

Minimum order: 1 each.

CRL Makita® 12 Volt Cordless Saw Kit

- Powerful 1400 RPM Motor
- 12 Volt Lithium-Ion Batteries
- 3-3/8" (86 mm) 20 Tooth Carbide Blade
- Ergonomic, Lightweight Design

The CRL Makita® 12 Volt Cordless Saw Kit features all new lithium-ion battery technology that allows for longer running and faster recharge cycles for almost non-stop operation. Built-in dust blower helps keep the line-of-cut free of debris for increased accuracy. Adjustable cutting capacity from 1" (25 mm) at 90 degrees to 5/8" (16 mm) at 45 degrees. Tilting base allows for bevel cuts from 0 to 45 degrees. Each kit comes with saw, 3-3/8" (86 mm) 20 tooth carbide tipped blade, two lithium-ion 12 volt batteries, and one fast charge battery charger.

Makita is a registered trademark of Makita Corporation.



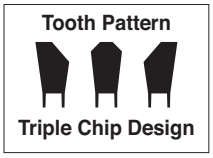
CAT. NO.	DESCRIPTION
SH01W	12V Cordless Saw Kit - 110 Volt
BL1014	12V Lithium-Ion Battery Cartridge
DC10WB	12V Lithium-Ion Battery Charger -110 Volt
7210038	3-3/8" (86 mm) Combination Blade
7922998	3-3/8" (86 mm) Fine Tooth Blade
NS3B	Optional 3-3/8" (86 mm) Diamond Blade for Glass

Minimum order: 1 each.

CRL Cougar Carbide Tipped Saw Blades



- Superior Cutting of Aluminum, Copper, Brass, and Magnesium
- Perfect for Cutting Aluminum Extrusions
- Cuts Fast and Clean
- Blade Lubricant is Required
- Available in Two Diameters



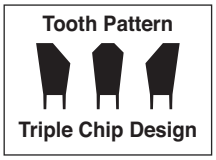
CAT. NO.	DIAMETER	ARBOR	NO. OF TEETH
CT10X100	10" (254 mm)	5/8" (16 mm)	100
CT12X120	12" (305 mm)	5/8" (16 mm)	120

Minimum order: 1 each.

CRL Nordic Carbide Tipped Saw Blades



- Triple Chip Design for Aluminum Extrusions
- Clean Cuts With a Smooth Finish
- Should be Used With Lubricate
- Available in Four Diameters



CAT. NO.	DIAMETER	ARBOR	NO. OF TEETH
CSB10X100AX	10" (254 mm)	5/8" (16 mm)	100
CSB12X120AX	12" (305 mm)	5/8" (16 mm)	120
CSB12X120X1AX	12" (305 mm)	1" (25.4 mm)	120
CSB15X100AX	15" (381 mm)	1" (25.4 mm)	100

Minimum order: 1 each.

CRL High-Speed Saw Blades

- For Thin Wall, Light Aluminum Extrusions or Roll Formed Shapes of Brass, Copper, and Other Non-Ferrous Metals
- Hollow Ground for Side Clearance



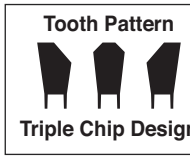
MORE CHOICES
crlaurence.com

CAT. NO.	DIAMETER	ARBOR	NO. OF TEETH
2303928	9" (229 mm)	5/8" (16 mm)	120
SHS10X200	10" (254 mm)	5/8" (16 mm)	200

Minimum order: 1 each.

CRL Nordic "ATX" Carbide Tipped Saw Blades

- For Thin Wall Aluminum Extrusions





NOTE: Insulating glass spacer and muntin bars should be dry cut.

CAT. NO.	DIAMETER	ARBOR	NO. OF TEETH
CSB10X144ATX	10" (254 mm)	5/8" (16 mm)	144
CSB12X150ATX	12" (305 mm)	5/8" (16 mm)	150

Minimum order: 1 each.

CRL Spray Mist Coolant Unit

- Keeps Saw Blade Cool During Cutting Operations
- Works With Standard Air Line
- Use Cat. No. SMC20001 Coolant to Increase Blade Life and Promote Cleaner Cuts



CAT. NO. MCU270
Minimum order is one each

CRL Spray Mist Coolant



CAT. NO. SMC20001
Minimum order is one each

CRL Tube Wax Lubricant

- Increases Tool Life
- Improves Finish and Performance
- 15 Ounces Per Tube (425 g)



CAT. NO. WS140
Minimum order is one each

CRL Accufab Pro Storefront and Curtain Wall Tools

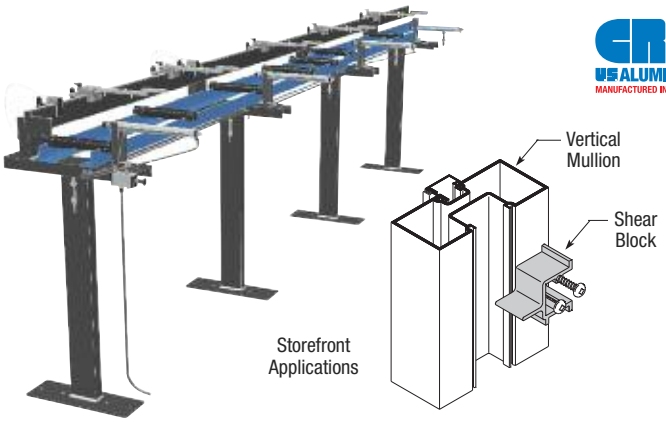
MORE INFORMATION
crlaurence.com

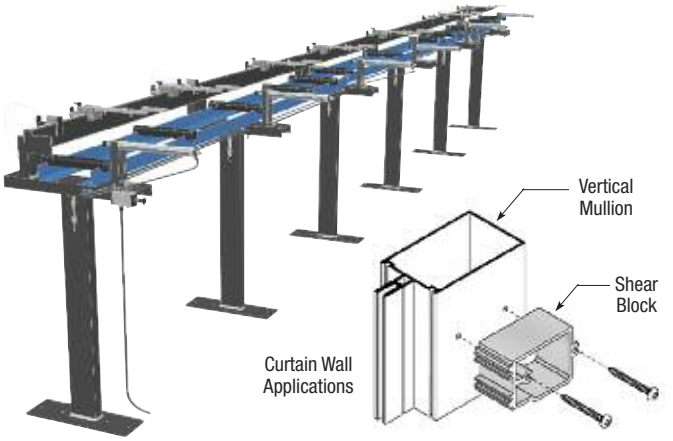
VIDEO

- **Accufab Pro Reduces Labor Time and Costs by 75% or More!**
- **Designed to Accurately and Quickly Locate Shear Block Connectors on U.S. Aluminum Storefront or Curtain Wall Verticals**
- **Three Sizes: 16', 24', and 32' (4.9, 7.3, and 9.8 m)**
- **Pneumatic Clamping System (Requires 75 PSI)**
- **U.S. Patent No. 8,176,610 B1**

CRL Accufab Pro Storefront and Curtain Wall Tools are designed to accurately and quickly locate Shear Block Connectors on the vertical members of U.S. Aluminum Curtain Wall, Storefront, and Window Wall Systems. Fabrication time on installing horizontal Shear Blocks to vertical mullions is cut by 75 percent or more. In your shop or on the job site, the new Accufab Pro Tool will eliminate misdrilled fasteners, out-of-level horizontal members, and costly measurement mistakes. The Storefront Tool is supplied with five AP403SBL Shear Block Locators for working with our 400/450 Series Storefront Verticals and AP403 Shear Blocks. The Curtain Wall Tools are supplied with seven AP955SBL Shear Block Locators for working with our 3150/3250 Series Curtain Wall Verticals and AP955 Shear Blocks. Additional Shear Block Locators to handle a variety of stock extrusion and Shear Block sizes can be easily changed out. The calibrated rear sliding bar allows quick setup and accurate repeatability. **NOTE:** Self-drilling screws must be used to fasten Shear Blocks to mullions when working with the Accufab Pro Tool. See **crlaurence.com** for specific self-drilling screws to use for each Shear Block. Setup and user instructions are included with every CRL Accufab Pro Tool.

For more information on these CRL Accufab Pro Storefront and Curtain Wall Tools, contact us toll free at (800) 262-5151 from anywhere in the United States and Canada. You can also contact us through our web site at **crlaurence.com/support**.





ACCUFAB PRO STOREFRONT TOOL

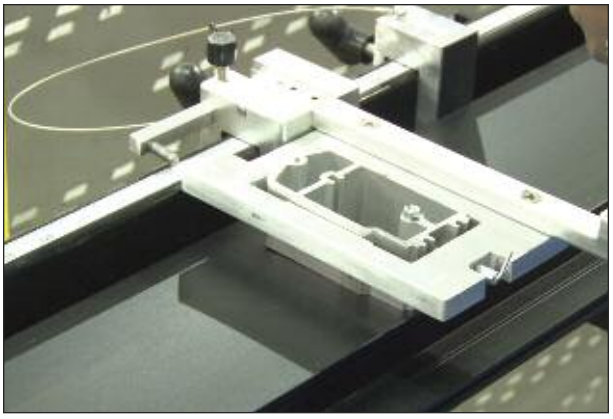
CAT. NO.	DESCRIPTION
ACU16	16' (4.9 m) Accufab Pro Storefront Tool
ACUDVD	Accufab Pro Instructional DVD

Minimum order: 1 each.
NOTE: Must specify U.S. Aluminum Curtain Wall, Storefront, or Window Wall Series used at time order is placed.

ACCUFAB PRO CURTAIN WALL TOOL

CAT. NO.	DESCRIPTION
ACU24	24' (7.3 m) Accufab Pro Curtain Wall Tool
ACU32	32' (9.8 m) Accufab Pro Curtain Wall Tool
ACUDVD	Accufab Pro Instructional DVD

Minimum order: 1 each.
NOTE: Must specify U.S. Aluminum Curtain Wall, Storefront, or Window Wall Series used at time order is placed.



Shear Block Locator shown with Shear Block, which are purchased separately

Shear Block Locators for other types and sizes of Shear Blocks can be ordered separately. Locators are engineered to precisely position the Shear Blocks on the vertical members, and the use of improper locators may result in the incorrect positioning of the Shear Block, leaving your horizontal members with a less than desirable joining to the vertical members. For assistance in ordering Shear Block Locators, please consult with a U.S. Aluminum Technical Sales Representative.

SHEAR BLOCK LOCATORS

CAT. NO.	FITS SHEAR BLOCK	FOR USE WITH USAL SYSTEM
AP403SBL*	AP403	400/450 Storefront Horizontal/Sill Anchor
AP202SBL	AP202	2100/2200 with 2-7/8" (73 mm) Back Member
AP204SBL	AP204	2100/2200 with 4" (102 mm) Back Member
AP954SBL	AP954	3150/3250 with 4" (102 mm) Back Member
AP955SBLΔ	AP955	3150/3250 with 5" (127 mm) Back Member
AP928SBL	AP928	3150/3250 with 8" (203 mm) Back Member

Minimum order: 1 each. *Standard with ACU16. Δ Standard with ACU24 and ACU32.

CRL Hydrapunch™ Machine

- **Punches Four Holes at Once in Storefront or Curtain Wall Metal**
- **Reduces Shop Fabrication Time**
- **Hydraulic Operation - 110 Volts AC**



The CRL Hydrapunch™ Machine is a multi-head machine with pre-set dies for quickly and accurately punching holes in the open back vertical mullion/filler of our popular center glazed systems - 1/4" and 1" infills. Simply insert the vertical mullion/filler into the die set, align against the pre-set flip stop, push the pedal and the Hydrapunch™ Machine punches four holes at one time.

No need to measure and drill each hole in CRL/U.S. Aluminum framing systems. Get a perfect fit every time and eliminate the most common fabrication errors. Minimum order is one each. Must ship common carrier.

The Hydrapunch™ Machine comes with one Die Set which punches the following U.S. Aluminum Center Glazed Storefront Systems:

Series 400 - 1/4" glazing
Series 450 - 1/4" glazing
Series 451 - 1" glazing
Series IT451 - 1" glazing

Optional Die Sets for these popular U.S. Aluminum Systems are also available:

Thermo-Set Systems
Flush Front Systems
Series 2200 Curtain Wall
Series 3150 Curtain Wall
Series 3250 Curtain Wall
Series 4500 Curtain Wall

For additional information contact U.S. Aluminum Technical Sales at (800) 262-5151 and ask for Extension 5305.

CAT. NO. HM00100

CRL Phillocraft® Pow-R-Pax® Production Table

MORE INFORMATION crlaurence.com

- **36" Wide by 96" Long Production Table**
- **Legs Adjust From 33" to 37" High**
- **Sturdy 12 Gauge Steel Frame**
- **Ships K.D.**



The Phillocraft® Pow-R-Pax® Production Table is infinitely expandable to meet your current or future needs. Begin with a 96" (2438 mm) starter and expand with 48" (1219 mm) add-ons as your needs grow. The frame is made of heavy 12 gauge "C"-channel steel. The table top is 1" (25 mm) thick hardboard over a high-density flake core. Invisible steel spline clamping bars connect the tops to form a smooth, continuous surface. Adjustable legs allow for the table height to vary from 33" to 37" (838 to 940 mm). The table has a load rating of 100 lbs. (45 kg) per square foot . Frame color is putty. Table ships K.D. and requires some assembly. For additional information contact the CRL Customer Service Department at (800) 421-6144 and ask for Ext. 5275. Minimum order is one each. Must ship common carrier.

Phillocraft and Pow-R-Pax are registered trademarks of Manna Marketing & Development Group, Inc.

CAT. NO. WS3696

CRL Aluminum Extrusion Notching Saw

- Cuts Storefront Extrusion With Accuracy
- Portable and Lightweight for On-the-Job Use
- Adjustable Cutting Height and Length
- Includes One 5" Blade

MORE INFORMATION crlaurence.com

CAT. NO. NS450
Notching Saw



This is a new and improved model of our Aluminum Extrusion Notching Saw, which makes working with storefront metals safer and easier. The 115V AC 1/2 HP motor has a thermally protected circuit to avoid overheating. For safety, the momentary actuated switch doesn't let the machine operate without your hands being on it. All of the machine bearings are sealed and self-lubricating for low-maintenance operation. Heavy-duty machine table and legs support your work.

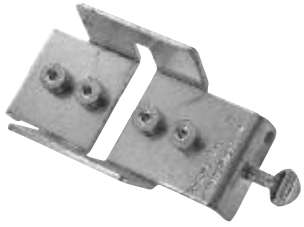
The NS450 is stronger and lighter than previous models, it weighs just 67 pounds (30 kg). Overall machine dimensions are 19"H by 18"W by 20"D (483 x 457 x 508 mm). Ships common carrier only. For Replacement Blades order Cat. No. 412. Minimum order is one each.



CAT. NO. 412
Saw Blade
5" x 1/8" x 1" Arbor
(127 x 3.2 x 25 mm)

CRL US ALUMINUM MANUFACTURED IN THE USA

CRL Universal Drill Jigs



CAT. NO. 40J
Single Jig for Vertical Tubing

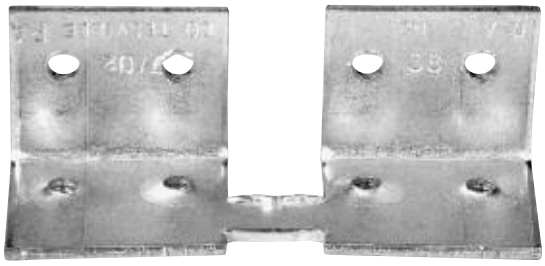


CAT. NO. 45J
Single Jig for Horizontal Tubing

- Available for Either Vertical or Horizontal Storefront Tube Applications

These heavy-gauge steel Drill Jigs are designed to quickly and accurately position the mounting holes on 4" (102 mm) storefront tubes for mounting Cat. No. BPF4 Brackets. **NOTE:** These Jigs will not work with Vistawall®, YKK®, or Kawneer® Brand Tubes. Minimum order is one each.

CRL Storefront Brackets



- Fits Plain or Fin Tube
- Can Be Used on 4", 4-1/2", and 5" (102, 114, and 127 mm) Tubes

CRL Storefront Brackets are made from heavy, 12-gauge cadmium plated steel. These Brackets are punched and dimpled where necessary. The dimpled holes have been tapped for #10-24 screws. Minimum order is one each.

CAT. NO. BPF4

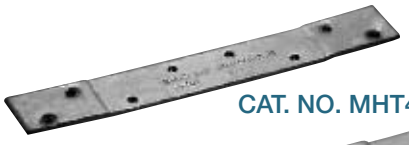
CRL Steel Reinforcement Backing Plates

- Used to Mount Door Hinges to Storefront Tubes
- Non-Handed, Can Be Used for Both Door and Frame Reinforcement

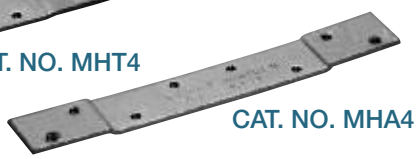
CRL Reinforcement Backing Plates are made from heavy-gauge plated steel. They are non-handed, and tapped for standard #12-24 machine screws to mount the plate to the frame or door.

CAT. NO.	APPLICATION	LENGTH
MHT4	For Standard Weight 4-1/2" (114 mm) Butt Hinges	8" (203 mm)
MHA4	For Heavy Weight 4-1/2" (114 mm) Butt Hinges	8" (203 mm)
2302710	For Standard Weight 5" (127 mm) Butt Hinges	8-1/2" (216 mm)
2302711	For Standard Intermediate Pivots	9" (229 mm)

Minimum order: 1 each. All Backing Plates can be combined for quantity pricing.



CAT. NO. MHT4



CAT. NO. MHA4



CAT. NO. 2302710



CAT. NO. 2302711

Vistawall is a registered trademark of Oldcastle BuildingEnvelope, Inc.
YKK is a registered trademark of YKK Corporation Japan.
Kawneer is a registered trademark of Kawneer Company, Inc.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Heavy-Duty Router

- 1-3/4 HP 11 AMP Motor to Route Aluminum
- 1/4" and 1/2" (6.4 and 12.7 mm) Collets Included
- Double Insulated for Protection
- Calibrated Depth Gauge

MORE INFORMATION crlaurence.com

STANDARD EQUIPMENT:
1-3/4 Horsepower Motor
D-Handle Base
1/4" (6.4 mm) Collet
1/2" (12.7 mm) Collet
Collet Wrench
Operating Manual



The CRL 1-3/4 Horsepower D-Handle Router features an auto-release collet system which puts an end to "frozen" bits. This is a heavy-duty 11 AMP Router which operates at 27,500 RPM. It has a precision machined aluminum motor housing and base, and has 100% sealed ball bearings. The base has a micrometer type depth-of-cut adjustment with an accuracy of up to .008" (.2 mm). Minimum order is one each.

CAT. NO. PC691

CRL High Speed Steel Spiral Bits

- 1/4" (6.4 mm) Shank High Speed (Aluminum Cutting) Spiral Bits



Single Flute Style



Double Flute Style

Use these CRL High Speed Steel Spiral Bits for routing aluminum storefront tubes. Bits are available in either a spiral up or spiral down configuration. Single fluted bits for faster cuts are available, as well as double spiraled bits for a smoother, more precise cut. All bits are approximately 2-3/4" (70 mm) long.

CAT. NO.	FLUTES	FLUTE STYLE
J40007	Single	Up
J40008	Single	Down
J40107	Double	Up
J40108	Double	Down

Minimum order: 1 each. All Spiral Bits can be combined for quantity pricing.

CRL Router Jig and Template

- Designed for Routing Storefront Tubes
- 1/8" (3.2 mm) Backset



This CRL Router Jig and Template is designed for routing storefront tubes for 4" or 4-1/2" (102 or 114.3 mm) butt hinges, and also for 1/8" (3.2 mm) hinge backsets. This Jig has a template for cutting tapered slots in tubes for Adams Rite® locks. Minimum order is one each.

CAT. NO. RJT4

CRL Metal Brake and Shear

- Ideal for Sheet Metal Fabricators and Solar Energy Panel Installers
- Unparalleled Bending Power
- Available in Sizes 78" to 168" (2 m to 4.4 m)

MORE MODELS crlaurence.com

MATERIAL CAPACITIES	RECOMMENDED	MAXIMUM
Aluminum Coil	.040"	.063"
Gutter Coil	.032"	.032"
Galvanized Steel Grade D	24 ga.	20 ga.
Galvanized Steel Grade E	24 ga.	24 ga.
Copper	32 oz.	36 oz.



TrimCutter™ Shear (included)
Cuts Up to 24 Gauge Steel or .050" Thick Aluminum



CAT. NO. MBS10
126" (3.2 m) Metal Brake and Shear

Adams Rite is a registered trademark of Adams Rite Manufacturing Co.

CRL STOREFRONT AND CURTAIN WALL DRILL JIGS

go to:
crlaurence.com/**drill-jigs**

CRL Center Glazed Storefront Drill Jig

- For U.S. Aluminum 400-S and 450-S Series Storefronts



CAT. NO. DJ025
Minimum order is one each

CRL Center Glazed Storefront Drill Jig

- For U.S. Aluminum 400 and 450 Series Storefronts



CAT. NO. DJ050
Minimum order is one each

CRL Center Glazed Storefront Drill Jig

- For U.S. Aluminum 451, 451-S, and IT451 Series Storefronts



CAT. NO. DJ125
Minimum order is one each

CRL Center Glazed Storefront Drill Jig

- For U.S. Aluminum IT451 Series Storefronts



CAT. NO. DJ150
Minimum order is one each

CRL Flush Front Storefront Drill Jig

- For U.S. Aluminum FF450 Series Storefronts



CAT. NO. DJ452
Minimum order is one each

CRL Flush Front Storefront Drill Jig

- For U.S. Aluminum FF601 and FT601 Series Storefronts



CAT. NO. DJ752
Minimum order is one each

CRL Flush Front Storefront Drill Jig

- For U.S. Aluminum FF451 and FT451 Series Storefronts



CAT. NO. DJ552
Minimum order is one each

CRL Flush Front Storefront Drill Jig

- For U.S. Aluminum FF600 Series Storefronts



CAT. NO. DJ652
Minimum order is one each

CRL Top Notch Window Wall Drill Jig

- For U.S. Aluminum TN451, TT451, TN601, and TT601 Series Window Walls



CAT. NO. DJ456
Minimum order is one each

CRL Storm Front™ and Blast Storefront Drill Jig

- For U.S. Aluminum IT601, BT601, and BR606 Series Storefronts

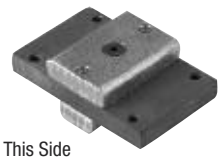


MORE INFORMATION crlaurence.com

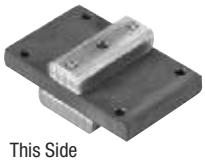
CAT. NO. DJ601
Minimum order is one each

CRL Storm Front™ Storefront Drill Jig

- Reversible Jig for U.S. Aluminum IG500 and IG600 Series Storefronts



This Side for IG600



This Side for IG500

CAT. NO. DJ801
Minimum order is one each

CRL STOREFRONT AND CURTAIN WALL DRILL JIGS

go to:
crlaurence.com/**drill-jigs**

CRL OS-2 Window Wall Drill Jig

- For U.S. Aluminum OS450, OS450SG, OS451, and OS451SG Series Window Walls



CAT. NO. DJ210
Minimum order is one each

CRL OS-2 Window Wall Drill Jig

- For U.S. Aluminum OS600, OS600SG, OS601, and OS601SG Series Window Walls



CAT. NO. DJ650
Minimum order is one each

CRL Window Wall Drill Jig

- For U.S. Aluminum BG450, BG525, and BT525 Series Window Walls



CAT. NO. DJ525
Minimum order is one each

CRL Curtain Wall Drill Jig

- For U.S. Aluminum 2100 Series Curtain Wall



CAT. NO. DJ021
Minimum order is one each

CRL Curtain Wall Drill Jig

- For U.S. Aluminum 2200 Series Curtain Wall

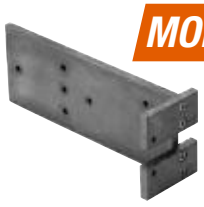


CAT. NO. DJ020
Minimum order is one each

CRL Curtain Wall Drill Jig

- For U.S. Aluminum 3150 and 3250 Series Curtain Wall

MORE INFORMATION
crlaurence.com



CAT. NO. DJ360
Minimum order is one each

CRL Curtain Wall Drill Jig

- For U.S. Aluminum 4250 Series Curtain Wall



CAT. NO. DJ610
Minimum order is one each

CRL Curtain Wall Drill Jig

- For U.S. Aluminum 4250T Series Curtain Wall



CAT. NO. DJ620
Minimum order is one each

CRL Curtain Wall Drill Jig

- For U.S. Aluminum 4500 Series Curtain Wall



CAT. NO. DJ750
Minimum order is one each

CRL Curtain Wall Drill Jig

- For U.S. Aluminum 4500SG Series Curtain Wall



CAT. NO. DJ751
Minimum order is one each

CRL Curtain Wall Drill Jig

- For U.S. Aluminum IW3250 Series Curtain Wall



CAT. NO. DJ960
Minimum order is one each

CRL Curtain Wall Drill Jig

- For U.S. Aluminum BW3250 Series Curtain Wall



CAT. NO. DJ970
Minimum order is one each

CRL Face Cap Remover

NEW!

- Makes it Easy to Remove Most Pressure Bar System Face Caps
- Quickly Adjusts to Varying Size Face Caps
- Lightweight and Easy to Grip Handle
- Designed for U.S. Aluminum®, Kawneer®, Oldcastle BuildingEnvelope®, Arcadia®, and Many Other Pressure Bar Systems

CRL Face Cap Remover is designed to remove exterior face caps on a wide selection of curtain walls by simply hooking one side of the face cap to pull and pop off the cap. Minimum order is one each.



MORE INFORMATION crlaurence.com

CAT. NO. FCR1



CRL E.Z.D. Glazer De-Glazing Tool

- Aids in the De-Glazing of Glass Installed With Silicone, Foam Tapes, Butyl Tapes, and Other Flexible Materials
- Blade Lays Flat on the Glass and Slides Into the Glazing Pocket

PROTECT

This simple-to-use tool is designed to aid in the de-glazing of glass bedded into materials commonly used in the window industry, including silicone, foam or butyl tapes, and other materials engineered to remain flexible throughout their service life (not recommended for use with glazing putty or other materials that harden over time). A built-in hand guard lets you work right next to the glass for good leverage and a deep cut when needed.



CAT. NO.	DESCRIPTION
EZ1010	E.Z.D. Glazer De-Glazing Tool
EZ1022	Replacement Blade-Threaded
EZ10G	Replacement Hand Guard

Minimum order: 1 each.

CRL Window De-Glazing Tool

- Provides Extra Leverage to Remove Glass Safely and Easily
- Extremely Durable All-Aluminum Construction
- Replaceable Blades

PROTECT

This tool offers you advantages over manual methods because the large handle allows a positive two-hand grip for extra leverage, and the heat treated blade cuts through the toughest of sealants. The WT2000 has a three-position handle for easy access to windows at almost any angle or height.

The blades are sharpened to a razor's edge, and heat treated for strength and longevity. The WT2000 comes complete with handle and one each left hand Cat. No. WT2002 and one each right hand Cat. No. WT2001 Blades.



CAT. NO.	DESCRIPTION
WT2000	Window De-Glazing Tool
WT2001	Right Replacement Blade
WT2002	Left Replacement Blade
WT2003	Handle Only for WT2000

Minimum order: 1 each.

Kawneer is a registered trademark of Kawneer Company, Inc.
Oldcastle BuildingEnvelope is a registered trademark of Oldcastle BuildingEnvelope, Inc.
Arcadia is a registered trademark of Arcadia, Inc.

CRL TOOL BOXES AND CARRIERS

CRL Professional Glazier's Tool Kit

- A Professional Glazier's Tool Package Complete With Our Most Popular Professional Tool Box
- Top Quality Construction and Value
- Wide Assortment of Quality Tools
- For a Complete List of Tools Included in the Package Go to crlaurence.com/tool-boxes

NOTE: Not available in Australia.

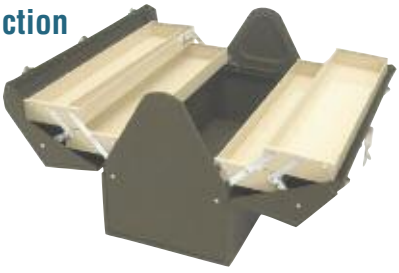


MORE CHOICES crlaurence.com

CAT. NO. GTB40
Minimum order is one each

CRL 22" Glazier's Cantilever Tool Box

- Our Most Popular Large Tool Box
- Top-Quality Construction
- Plated Hardware for Longer Wear
- Durable Brown Wrinkle Finish
- Measures 22-1/8" x 10-1/16" x 12-5/8" (562 x 255 x 320 mm)



CAT. NO. 1022
Minimum order is one each

CRL Large Tote Box

- Heavy-Duty Handle
- Secure Latch
- Top Storage Compartment
- Lift-Out Tray
- Interior Dimensions: 17-1/2" x 10-1/2" x 12" (444 x 267 x 305 mm)



CAT. NO. T1418
Minimum order is one each

CRL Large Lightweight Tool Box

- Durable Black Copolymer Construction
- Includes Tote Tray
- Measures 15" x 7" x 7-1/4" (381 x 178 x 184 mm)



CAT. NO. 180312
Minimum order is one each

CRL Small Lightweight Tool Box

- Durable Black Copolymer Construction
- Includes Tote Tray
- Measures 13" x 5-1/2" x 5-1/4" (330 x 139 x 133 mm)



CAT. NO. 120312
Minimum order is one each

CRL Canvas Tool Pouch

- Keeps Your Hand Tools Right By Your Side
- Eight Inside Loops and Pockets
- Strong, Lightweight Canvas
- Tunnel Belt Loop is Rivet Reinforced
- Measures 11" x 9" (279 x 229 mm)



CAT. NO. 4TP
Minimum order is one each
Tools Shown Sold Separately

CRL Glass Cutter and Pencil Pouch

- Made From Top-Quality Leather
- Handy Accessory for Everyday Work
- Strap for Tape Measure or Pliers
- Three Molded Pockets
- Large Belt Loop Will Fit Belts Up to 1-1/2" (38 mm) Wide



CAT. NO. S5403
Minimum order is one each

CRL Single Edge Razor Blades

- Our Most Popular Single Edge Blade
- Precision Honed, Surgical Steel Edges
- Each Blade is Individually Wrapped
- Multiple Uses
- .009" (.23 mm) Thick



CAT. NO. 112020
Plastic Dispenser 10 Pack
Sold Per Pack



CAT. NO. 51S
100 Blades Per Box
Minimum order is 100 each



MORE INFORMATION
crlaurence.com

CRL Heavy-Duty Industrial Single Edge Razor Blades

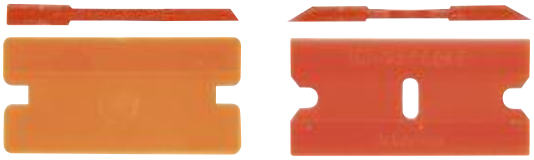
- Single Edge Blades With No Notch
- Heavy-Duty .012" Thick Carbon Steel
- For Use in Paint Scrapers and Mat Cutters



CAT. NO. KKB12
Minimum order is 100 each

CRL Plastic Razor Blades

- Single or Double Edge Styles
- Won't Harm Plastic Coated Windows or Other Hard Surfaces
- Sold 100 Per Package



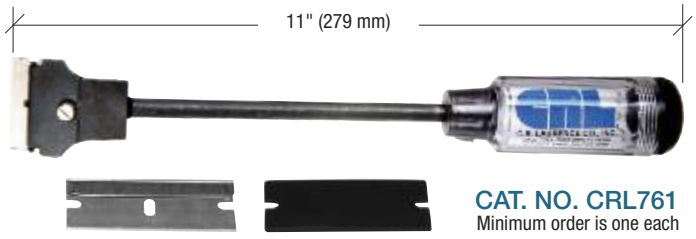
CAT. NO. CP866088
Single Edge Blades

CAT. NO. CRL3000
Double Edge Blades

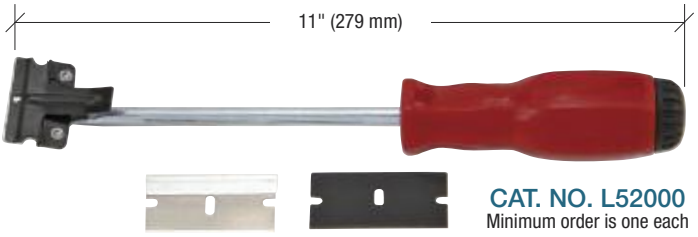
Minimum order is one pack

CRL Heavy-Duty Razor Blade Scrapers

- Perfect for Scraping or Sticker Removal
- Holds Both Metal and Plastic Razor Blades



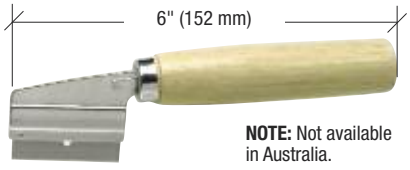
CAT. NO. CRL761
Minimum order is one each



CAT. NO. L52000
Minimum order is one each

CRL Razor Blade Knife

- Easy Way to Handle Single Edge Razor Blades
- Comfortable Wooden Handle



NOTE: Not available in Australia.

CAT. NO. 117200
Minimum order is one each

CRL Razor Blade Holder and Scraper

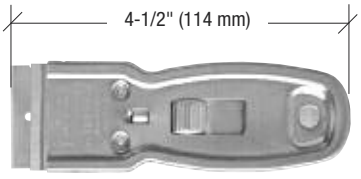
- Safely Holds Single Edge Metal Razor Blades
- Comfortable Handle for a Sure Grip



CAT. NO. RS65
Minimum order is one each

CRL Safety Razor Blade Holder and Window Scraper

- Safely Holds All Single Edge Razor Blades
- Simple Thumb Lock

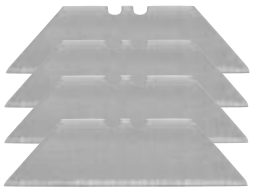


CAT. NO. 3223
Minimum order is one each

CRL Heavy-Duty Utility Knife Blades

- Our Best Selling Utility Blades
- Heavy-Duty .025" Thickness
- Handy Slide-Out Dispenser of 100, or Economical 10 Pack

MORE CHOICES crlaurence.com





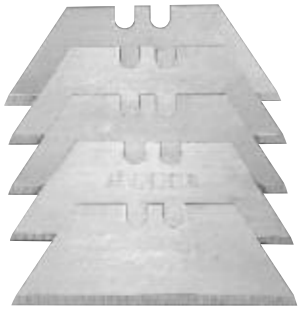
CAT. NO.	DESCRIPTION
1992C	Heavy-Duty Blades – Pack of 100
1992X10	Heavy-Duty Blades – Pack of 10

Minimum order: 1 pack.

CRL Standard Utility Knife Blades

- Standard .018" Thickness
- Fit Virtually All Utility Knives
- 20 Packs of Five Each



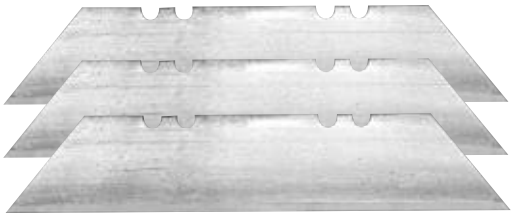


CAT. NO.	DESCRIPTION
1991C	Standard Blades – Pack of 100

Minimum order: 1 pack.

CRL Extra Long Utility Knife Blades

- Extra Long 2-1/4" (57 mm) Blade for Extra Reach
- Economy Packs of 10 for Easy Storage



CAT. NO.	DESCRIPTION
1993X10	Extra Long Blades – Pack of 10

Minimum order: 1 pack.

CRL Extra Long Serrated Blades

- Faster Cutting Serrated Edge
- Longer 4-3/16" (106 mm) Length
- Fits All Standard Utility Knives



CAT. NO.	DESCRIPTION
SB418	Serrated Blades – Pack of 10

Minimum order: 1 pack.

CRL Craftsman Knife

- Strong All Aluminum Knife Ideal for Making Precision Cuts
- Supplied With Extra Blades



CAT. NO. 450001
Minimum order is one each

CRL Craftsman Replacement Blades

- Fits 450001 Craftsman Knife
- Perfect for Intricate Cuts
- Carded or Bulk



CAT. NO.	DESCRIPTION
45111C	5 Blade Pack
45111P	100 Blade Box

Minimum order: 1 pack.

CRL Hook End Utility Blades

- Heavy-Duty Hook End Blade Fits All Standard Utility Knives

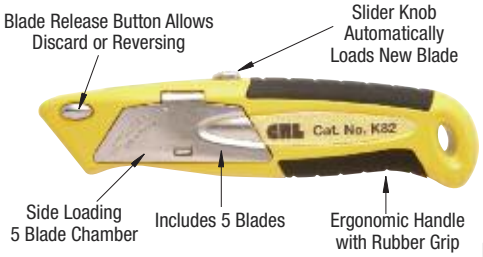


CAT. NO.	DESCRIPTION
1996C	Hook End Blades - Pack of 100
1996X10	Hook End Blades - Pack of 10

Minimum order: 1 pack.

CRL Autoloading Utility Knife

- Spring-Loaded Blade Housing
- Easy, Quick Blade Replacement
- Supplied With Five 1992C Blades



CAT. NO. K82
Minimum order is one each

CRL Stanley® Heavy-Duty Retractable Blade Utility Knife

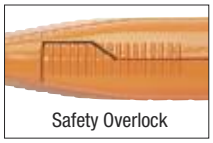
- Industrial Quality Retractable Blade Knife
- Supplied With Three Heavy-Duty Blades
- Features a Five-Position Slide



CAT. NO. 99
Minimum order is one each

CRL Standard Retractable Blade Utility Knife

- Three Position Heavy-Duty Slider Actuation
- Overlapping Nose for Safety
- Supplied With Four Blades





CAT. NO. 97K
Minimum order is one each

CRL Heavy-Duty Retractable Blade Utility Knife

- Safety Orange Color
- Industrial Quality
- Heavy-Duty, Die Cast Zinc Handle
- Three Cutting Positions



CAT. NO. 82L
Minimum order is one each

CRL Heavy-Duty Fixed Blade Utility Knife

- Industrial Quality Die Cast Handle
- Comes With Five Standard Blades
- Can Be Used With All Utility Knife Blades



CAT. NO. 199
Minimum order is one each

CRL Ultra-Thin Combination Knife

- Multiple Functions in Ultra-Thin Design
- Switch Between Utility and Knife Blade
- Easily Converts to a Screwdriver
- Includes Phillips and Slotted Driver Bits



CAT. NO. CK3N1
Minimum order is one each

CRL Stanley® FatMax® Swivel-Lock Fixed Blade Utility Knife

MORE CHOICES crlaurence.com

- Quick Blade Change– No Tools Required
- Thumb Dial Locks the Blade in Place
- Ergonomic Design
- Comes With Three Heavy-Duty Utility Knife Blades



CAT. NO. ST10799
Minimum order is one each

Stanley and FatMax are registered trademarks of Stanley Logistics, LLC.

CRL Olfa® Heavy-Duty Retractable Blade Knife

- Comfortable Rubber Grip
- All-Purpose Knife
- Locking Thumb Screw
- Uses Replacement Blades LB10B, LB50B, and LS0L

MORE CHOICES crlaurence.com

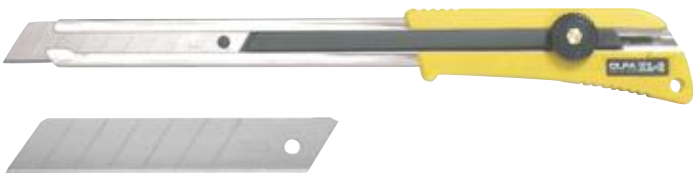


Breakaway Blade

CAT. NO. L2K
Minimum order is one each

CRL Olfa® Long Reach Retractable Blade Knife

- Designed for Hard-to-Reach Places
- Comfortable Rubber Grip
- Locking Thumb Screw
- Uses Replacement Blades LB10B, LB50B, and LS0L

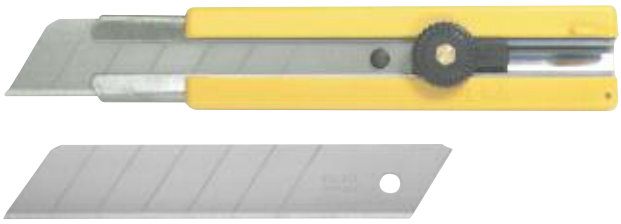


Breakaway Blade

CAT. NO. XL2
Minimum order is one each

CRL Olfa® Super Heavy-Duty Retractable Blade Knife

- Large 1" (25 mm) Wide and .028" (.7 mm) Thick Blade
- Non-Slip Rubber Grip Handle Provides Added Safety and Comfort
- Uses HB5B Replacement Blades



Breakaway Blade

CAT. NO. H1K
Minimum order is one each

CRL Olfa® Stainless Steel Shirt Pocket Knife

- Slim and Compact Design Fits Into Small Places
- Stainless Steel Housing
- Pocket Clip Doubles as a Blade Snap Away Device
- Uses Replacement Blade AB10S

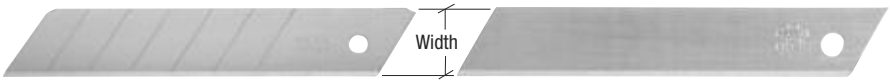


Breakaway Blade

CAT. NO. SVR1
Minimum order is one each

CRL Replacement Blades

- Blades Fit CRL Retractable Blade Knives and Other Similar Brands



Breakaway Blades

Solid Blades

These CRL Replacement Blades are intended for use with the various Retractable Knives shown on this page, as well as other similar brands. The breakaway feature allows the dull point to be snapped off to get a fresh sharp cutting surface.

CAT. NO.	BLADE TYPE	WIDTH	PACK/QTY	FITS KNIFE
AB10S	Breakaway	3/8" (9.5 mm)	10	SVR1
HB5B	Breakaway	1" (25.4 mm)	5	H1K
LB10B	Breakaway	11/16" (18 mm)	10	L2K, XL2
LB50B	Breakaway	11/16" (18 mm)	50	L2K, XL2
LS0L	Solid	11/16" (18 mm)	10	L2K, XL2

Minimum order: 1 pack.

Olfa is a registered trademark of Olfa Corporation.

CRL Power Shift Metal Snips

- Dual Stage Snips Have 200% Greater Cutting Power Than Standard Metal Snips
- Three Cutting Patterns
- Handles Have a Heavy Rubberized Coating for Comfort



CAT. NO.	DESCRIPTION
ST1000	Straight Cut
ST1001	Left Cut
ST1002	Right Cut

Minimum order: 1 each. Can be combined for quantity pricing.

CRL Wiss® Metal Snips

- Cut 18-Gauge (.049") or Lighter Sheet Metal
- Three Cutting Patterns
- Serrated Jaws to Prevent Slippage
- Handles Have a Non-Slip Textured Plastic Coating



CAT. NO.	DESCRIPTION
M3R	Straight Cut-Yellow Handle
M1R	Left Cut-Red Handle
M2R	Right Cut-Green Handle

Minimum order: 1 each. Can be combined for quantity pricing.

CRL Plastic Trim Snips

- Replaceable Razor Sharp Blades
- Not for Cutting Metal

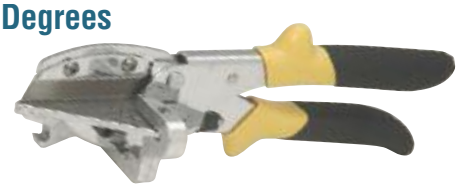


CAT. NO.	DESCRIPTION
PTS89	Plastic Trim Snips
PTS89B	Replacement Blade Pack

Minimum order: 1 each.

CRL Adjustable Multi-Cutter

- Makes Precise Straight or Miter Cuts from 45 to 135 Degrees
- Not for Cutting Metal



CAT. NO.	DESCRIPTION
MC80N	Adjustable Multi-Cutter Tool
MC80RB	Replacement Blades (5/Pk)

Minimum order: MC80N is 1 each, MC80RB is 1 pack.

CRL Diamond Wire Form Saw

- Cuts Patterns in Glass, Stone, Quartz, Etc.
- Extremely Fine .75 mm Blade



CAT. NO.	DESCRIPTION
LC3104	Diamond Wire Form Saw Frame
LC3106	.75 mm Diamond Wire Saw Blade

Minimum order: 1 each.

CRL Heavy-Duty Hacksaw



- Strong Tubular Frame Holds 10" and 12" (254 and 305 mm) Blades
- Durable Molded Handle

MORE CHOICES crlaurence.com

CAT. NO. HSF12
Minimum order is one each

CRL High Speed Cobalt 12" Hacksaw Blades

- Highest Quality Blades With Specially Treated Cobalt Teeth
- Excellent for Cutting Steel



CAT. NO.	TEETH PER INCH
MB1218	18
MB1224	24
MB1232	32

Minimum order: 10 each. All Hacksaw Blades can be combined for quantity pricing.

Wiss is a registered trademark of Apex Brands, Inc.

CRL Standard Alloy Steel 12" Hacksaw Blades

- Flexible Blade for Mild Steel, Cast Iron, Aluminum, Copper, Etc.
- Extremely Durable



CAT. NO.	TEETH PER INCH
SL1214	14
SL1218	18
SL1224	24
SL1232	32

Minimum order: 10 each. All Hacksaw Blades can be combined for quantity pricing.

CRL Scrape and Pry Bars

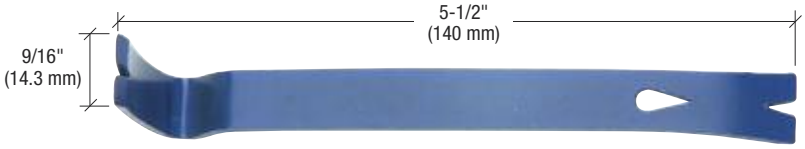
- **Multi-Purpose Tools Made of Hardened, Tempered Steel**
- **Two Sizes With Chisel Ground Edges**

CRL Scrape and Pry Bars are versatile tools made of the finest hardened, tempered tool steel. Both ends are chisel ground for scraping or prying. The 4050 is 1-3/4" (44.5 mm) wide, and the 3040 is 9/16" (14.3 mm) wide. One end has a 50 degree angle bend. Both tools have a nail puller hole. Our most popular model is 10" (254 mm) long – just the right size for your tool box. Minimum order is one each.



- **Most Popular**

CAT. NO. 4050



- **Tool Belt Size**

CAT. NO. 3040

NOTE: Images not to scale.

CRL 10" (254 mm) Pry Bar and Scraper

- **Hardened, Tempered Tool Steel**
- **Ideal for Pulling Nails, Prying, Lifting, Scraping, and Much More**



This CRL Pry Bar/Scraper is a versatile tool made of the finest hardened, tempered tool steel. It is typically used for scraping and prying. One end has a 90 degree angle bend and a nail puller hole. Both ends are chisel ground and 1-1/2" (38 mm) wide. Overall length is 10" (254 mm). Minimum order is one each.

CAT. NO. US10

CRL Stanley® 12-1/2" (318 mm) Pry Bar

- **Contoured Pry Bar Ideal for Pulling Nails, Prying, Lifting, and Much More**

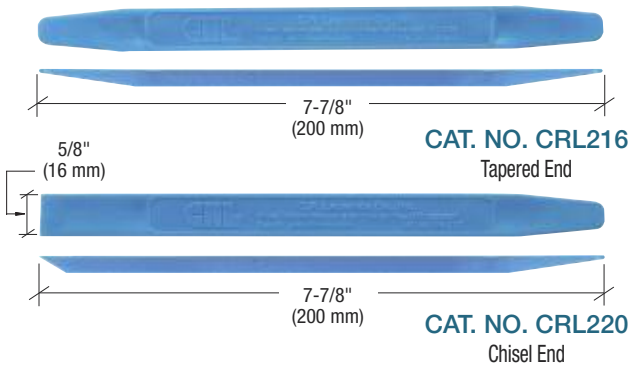


This contoured CRL Stanley® 12-1/2" Pry Bar is ideal for pulling nails, prying, lifting, scraping and much more. Made of forged tool steel for extra strength, it has a bevelled nail slot at each end. Overall length is 12-1/2" (318 mm). Minimum order is one each.

CAT. NO. ST55515

CRL Plastic Stick Tools

- **A Very Popular Tool With Virtually Limitless Uses**
- **Tapered or Chisel End Tools**



CAT. NO. CRL216
Tapered End

CAT. NO. CRL220
Chisel End

The CRL Plastic Stick Tool is one of our most popular items. Caulkers use them for tooling freshly applied sealants; glaziers find them useful for pushing vinyl into window channels; painters use them as mixing sticks; and auto glass installers use them for setting or removing glass from rubber gaskets. Stick Tools are made of a special high strength, flexible plastic formula that won't scratch adjoining glass or metal and makes them easy to clean.

CAT. NO.	DESCRIPTION
CRL216	Tapered End Stick Tool
CRL220	Chisel End Stick Tool

Minimum order: 1 each. Can be combined for quantity pricing.

CRL Stick Tool Handle

- **Comfortable Grip Handle Can Be Used With Either Tapered End or Chisel End Stick Tool**
- **Provides More Leverage for Scraping**



CAT. NO. CRL216H



CAT. NO. CRL216HWS

The CRL Stick Tool Handle is an innovative tool that allows the user to simply slip in a popular CRL Stick Tool for a comfortable grip. This tool is indispensable to glaziers, caulkers, painters, and auto glass installers.

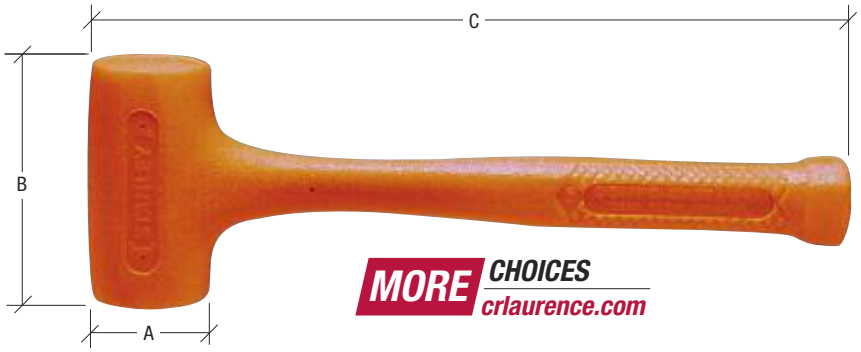
CAT. NO.	DESCRIPTION
CRL216H	Stick Handle Only
CRL216HWS	Stick Handle With Chisel End Stick Tool

Minimum order: 1 each.

CRL Stanley® No-Bounce Soft-Face Power Hitter

- Hundreds of Internal Metal-Shot Means No Rebound
- The Power Comes From Inside
- Non-Marring Surface

CRL Stanley® Power Hitters are designed for today's industry. With a solid reinforcing rod totally clad in hot cast urethane, these hammers beat all others for power, accuracy and endurance. The most important feature is "Dead Blow" power. Inside the head is a chamber containing hundreds of metal shot that combine to provide maximum controlled striking force without rebound. The entire force of the blow is spent in a striking action. The urethane surfaces allow the power hitter to be used in areas when sparks from an exposed metal hammer could cause trouble. The soft face is also non-marring and doesn't absorb liquids. Tests prove these hitters outperform and outlast other soft face materials.



MORE CHOICES
crlaurence.com



Initial Force
On the downward stroke, the shot is forced to the top of the chamber, where it hangs in suspension until contact is made.



Rebound Resistant
When contact is made, the shot follows through to sustain the blow, stop the rebound, and control the hammer.

CAT. NO.	WEIGHT	FACE (A) DIAMETER	HEAD (B) LENGTH	OVERALL (C) LENGTH
ST57541	14 oz. (397 g)	1-1/4" (32 mm)	4-1/8" (105 mm)	10-1/2" (267 mm)
ST57532	21 oz. (595 g)	2" (51 mm)	4-1/8" (105 mm)	12-3/4" (324 mm)
ST57534	52 oz. (1474 g)	2-1/2" (64 mm)	5-1/4" (133 mm)	15-3/4" (400 mm)

Minimum order: 1 each.

CRL Stanley® Soft Face Hammer

- Tough Plastic Will Not Mar Surfaces
- Replacement Tips Available



The CRL Stanley® Soft Face Hammer is used wherever you need a non-marring driving force. The replaceable tips are made of tough plastic. Heads are made of "Evertite" which are processed and securely locked in an oval-eye body. The handles are stained and lacquered hickory. **NOTE:** Not available in Australia.

SOFT-FACE HAMMERS

CAT. NO.	WEIGHT	HEAD DIAMETER
ST57594	8 oz. (227 g)	1-1/4" (32 mm)
ST57595	16 oz. (454 g)	1-3/8" (35 mm)

Minimum order: 1 each.

REPLACEMENT TIPS

CAT. NO.	DIAMETER	FITS HAMMER
ST57584	1-1/4" (32 mm)	ST57594
ST57585	1-3/8" (35 mm)	ST57595

Minimum order: 1 each.

CRL Stanley® Curved Claw Graphite Hammer

- Permanent Tapered Design Eliminates Head Fly-Off
- Epoxy Assembly

The handle on the CRL Stanley® Graphite Hammer features the proper balance of graphite and continuously stranded fiberglass for a virtually unbreakable combination of strength and perfect balance. A precision-tempered, tool-steel head features an octagon pattern, crowned striking surface, and fine polish. The rim tempered face reduces chipping.



CAT. NO.	WEIGHT	LENGTH
ST51505	16 oz. (454 g)	13-1/4" (337 mm)

Minimum order: 1 each.

CRL Stanley® 4-Piece Deluxe Steel Wood Chisel Set

- Four Piece Set From 1/4" to 1" (6 to 25 mm)
- Thru-Tang™ Design

This CRL Stanley® Wood Chisel Set gives you four sizes of strong, useful chisels. This set consists of one each 1/4", 1/2", 3/4", and 1" (6, 12, 19, and 25 mm) Chisels. Each made with a polished-finished blade and tang made of forged cutlery grade steel. Minimum order is one each set.



CAT. NO.
ST16900A

CRL Combination File

- Our Most Popular File has One Rough Side, and One Smooth

Use this all-purpose Combination File anywhere. One side is rough for heavy jobs, while the other side is smooth for finish work. Our most popular File, this high-quality tool is affordable and will last for years.



CAT. NO.	SIZE
CF10	10" x 31/32" x 5/32" (254 x 24 x 4 mm)

Minimum order: 1 each. All Metal Files can be combined for quantity pricing.

Stanley is a registered trademark of Stanley Logistics, LLC.

CRL 3/8" Electric Drill



- 110V, 4.2 AMP Motor
- Keyless Chuck
- 0 to 3000 RPM Variable Speed
- Reversible
- Convenient Molded Belt Clip

MORE MODELS crlaurence.com

CAT. NO. LD138
Minimum order is one each

CRL Makita® 1/2" Heavy-Duty Electric Drill



- 600 RPM, 8.5 AMP Motor
- Heavy-Duty Industrial 1/2" (12 mm) Drill Chuck for Positive Bit Retention
- D-Handle Rotates 360 Degrees

CAT. NO. 6013BR
Minimum order is one each

CRL 18V Cordless Variable Speed Impact Driver/Drill Kit



- Two Speed Ranges: 0 to 500, and 0 to 1150 RPM
- Impact Frequency of 6400 or 18000 SPI
- Keyless 3/8" (9.5 mm) Chuck
- Reversible

CAT. NO.	DESCRIPTION
LD147	18 Volt Cordless Impact/Driver Kit
LD147B	18 Volt Battery Cartridge for LD147
LD147C	110 Volt Charger for LD147B 18 Volt Battery

Minimum order: 1 each. Kit Includes: Driver/Drill, Battery, Charger, Six Drill Bits, Magnetic Bit Holder, plus Molded Carrying Case.

CRL Makita® 9.6V Replacement Battery



- Ni-Cd Stick-Type
- 1.3 AMP Hours

CAT. NO. 6320074
Minimum order is one each

CRL Makita® Universal Ni-MH and Ni-Cd Battery Charger



- Designed to Charge All 7.2V, 9.6V, 12V, 14.4V, and 18V Makita® Brand Batteries, Both Stick and Pod Types
- Compatible for Both Ni-MH and Ni-Cd Type Batteries

CAT. NO. 1131032
Minimum order is one each

Makita is a registered trademark of Makita Corporation.

CRL Universal Pressure Drill



- Portable Drill Press
- Electric Drill Motor With 1/2" Chuck Included
- Cuts Labor Time by Up to 75%
- Bits Last Up to 10 Times Longer
- Works Either by Pushing or Pulling the Drill Bit Into the Work Surface
- 38" (965 mm) to 92" (2336 mm) Extension Range
- Gear Assisted Drill Motor Mounting Bracket Requires Less Force to Achieve Optimum Drill Efficiency

MORE INFORMATION crlaurence.com

CAT. NO. UPD1
Minimum order is one each

CRL Pipe Adapter for Universal Pressure Drill

CRL US ALUMINUM MANUFACTURED IN THE USA

- Converts the CRL Universal Pressure Drill Into a Pipe Drill
- Produces Accurate and Straight Drilled Holes Into Steel Pipe Up to 6" (252 mm) in Diameter

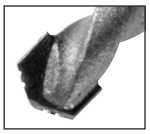
Drill and Gear Assisted Mounting Bracket are Sold Separately See Cat. No. UPD1 above.



CAT. NO. UPDPA1
Pipe Adapter
Minimum order is one each

CRL Groo-V Tip® Granite, Marble, and Tile Drill Bits

- Very Popular Bits Especially Suited for Drilling Marble and Granite
- Made for Use With Rotary and Hammer Drills Only



Carbide Groo-V Tip®

For use with rotary and hammer drills only, the Groo-V Tip® Drill Bit makes holes in almost all materials. Engineered for drilling hard materials, these specialized Bits have a serrated carbide tip, which penetrates up to 50% faster than standard masonry bits. **NOTE:** A drill press is recommended for drilling hard metal.

MORE INFORMATION crlaurence.com



CAT. NO.	DIAMETER	LENGTH	SHANK
GRT18	1/8"	3" (76 mm)	7/64"
GRT316	3/16"	3" (76 mm)	11/64"
GRT14	1/4"	4" (102 mm)	15/64"
GRT38	3/8"	5" (127 mm)	11/32"

Minimum order: 1 each. All Masonry Drills can be combined for quantity pricing.

CRL Heavy-Duty Masonry Drill Bits

- Our Best Selling Masonry Drill Bits
- Available in Seven Sizes
- High Quality and Long Lasting







Our CRL Heavy-Duty Masonry Drill Bits are manufactured for drilling into several different materials including: concrete, cement, slate, brick, marble, stone, and others. They work in both regular and impact drills. These are quality, brite finish drill bits that drill faster and last longer.

CAT. NO.	DIAMETER	LENGTH	SHANK
2MD	1/8"	2-15/16" (75 mm)	7/64"
3MD	3/16"	3-7/8" (98 mm)	11/64"
4MD	1/4"	3-7/8" (98 mm)	15/64"
46MD	1/4"	6" (152 mm)	15/64"
5MD	5/16"	6" (152 mm)	1/4"
6MD	3/8"	6" (152 mm)	11/32"
8MD	1/2"	6" (152 mm)	3/8"

Minimum order: 1 each. All Masonry Drills can be combined for quantity pricing.

CRL Rawl Slow Spiral Masonry Drill Bits

- Special Deep, Fast, Clear Flute
- Brazed-In Carbide Tips



Brazed-In Carbide Tip

Our CRL Rawl Deep Flute Slow Spiral Masonry Drill Bits are designed to give the best combination of strength and speed. CRL Rawl Slow Spiral Masonry Drill Bits are dependable and long lasting. They feature a brazed-in carbide tip that has maximum support against shock, and the specially designed spiral fluting clears cuttings rapidly.



CAT. NO.	DIAMETER	LENGTH	SHANK
8606RAWL	3/16"	3" (76 mm)	11/64"
8608RAWL	1/4"	4" (102 mm)	15/64"

Minimum order: 1 each. All Masonry Drills can be combined for quantity pricing.

CRL Duo-Bit Masonry Drill Bits

- Made for Rotary and Hammer Drills
- Brazed-In Carbide Tips



Brazed-In Carbide Tip



A significant breakthrough in carbide tipped masonry bits, CRL's Duo-Bit Masonry Drill Bits work in two ways. They can be used in rotary drill or hammer drill applications. The carbide tip is brazed to the drill shaft for smooth turning and fast penetration in all masonry materials. Available in four diameters, and up to 12" (305 mm) in length.

CAT. NO.	DIAMETER	LENGTH	SHANK
06010	1/8"	3" (76 mm)	7/64"
06020	3/16"	3" (76 mm)	11/64"
06030	1/4"	4" (102 mm)	15/64"
06040	1/4"	6" (152 mm)	15/64"
06050	1/4"	12" (305 mm)	15/64"
06070	5/16"	4" (102 mm)	19/64"
06080	5/16"	6" (152 mm)	19/64"

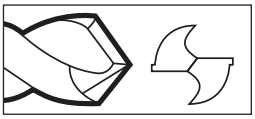
Minimum order: 1 each. All Masonry Drills can be combined for quantity pricing.

Groo-V Tip is a registered trademark of Relton Corporation.

CRL Wire Gauge Jobber's Length Drill Bits

MORE SIZES crlaurence.com





- Wire Gauge Sizes
- High Speed Steel
- 118 Degree Point Angle

CRL High Speed Drill Bits in wire gauge sizes are available for when exact wire gauge diameters are required. These Jobber Length Bits have a high speed 118 degree point angle for a fast cut. Wire Gauge Bits are sold individually for a specific job or to complete an existing set.

CAT. NO.	WIRE GAUGE	INCHES
80101	No. 1	.2280"
80104	No. 4	.2090"
80107	No. 7	.2010"
80108	No. 8	.1990"
80109	No. 9	.1960"
80110	No. 10	.1935"
80116	No. 16	.1770"
80117	No. 17	.1730"
80118	No. 18	.1695"
80119	No. 19	.1660"

Minimum order: 1 each. All High Speed Drills can be combined for quantity pricing.

CAT. NO.	WIRE GAUGE	INCHES
80121	No. 21	.1590"
80123	No. 23	.1540"
80125	No. 25	.1495"
80126	No. 26	.1470"
80127	No. 27	.1440"
80128	No. 28	.1405"
80129	No. 29	.1360"
80130	No. 30	.1285"
80131	No. 31	.1200"
80132	No. 32	.1160"

Minimum order: 1 each. All High Speed Drills can be combined for quantity pricing.

CRL 6" Long Wire Gauge Drill Bits



- Extra Long High Speed Steel
- 10 Diameters Available

CAT. NO.	WIRE GAUGE	INCHES
666007	No. 7	.2010"
666021	No. 21	.1590"
666025	No. 25	.1495"
666030	No. 30	.1285"

Minimum order: 1 each. All High Speed Drills can be combined for quantity pricing.

CRL Drill Bits for Plastic Materials



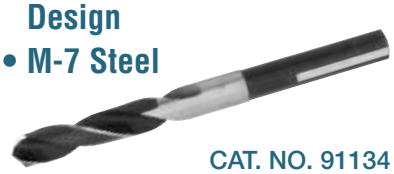
- Special Extra Sharp Tip
- Four Sizes Available

CAT. NO.	SIZE	LENGTH
61408	1/8"	2-3/4" (69.8 mm)
61412	3/16"	3" (76.2 mm)
61416	1/4"	4" (101.6 mm)
71124*	3/8"	4" (101.6 mm)

Minimum order: 1 each. *Reduced shank to fit 1/4" (6.3 mm) chucks. Sizes can be combined for quantity pricing. **NOTE**: Not to be used on wood or metal.

CRL 17/32" High Speed Drill Bit

- 1/2" (13 mm) Shank, 6" (152 mm) Long
- Three-Flattened Shank Design
- M-7 Steel



CAT. NO. 91134
Minimum order is one each

CRL Heavy-Duty Cyclo-Impak® Drill Bits



- Impact-Type Alloy Steel
- Brazed-In Carbide Tips
- Treated to Resist Metal Fatigue

CAT. NO.	DIAMETER	LENGTH	SHANK
12010	3/16"	3" (76 mm)	1/4"
12020	1/4"	4" (102 mm)	1/4"

Minimum order: 1 each. All Masonry Drills can be combined for quantity pricing.

CRL Heavy-Duty Extra Length SDS Plus® Shank Masonry Drill Bits





- Extra Length Drill Bits for SDS Plus® Drills
- High Quality and Long Lasting
- Regular and Hammer Drills with SDS Plus® Drive

CAT. NO.	DIAMETER	LENGTH
SDSW38	.389"	12" (305 mm)
SDSW14	.259"	8" (203 mm)

Minimum order: 1 each. All Masonry Drills can be combined for quantity pricing.

CRL Thundertwist™ SDS Plus® Shank Masonry Drill Bits





- Fit All Hammer Drills Requiring SDS Plus® Shank Bits

CAT. NO.	DIAMETER	LENGTH
25020	3/16"	6-3/8" (162 mm)
25130	1/4"	6-3/8" (162 mm)

Minimum order: 1 each. All Masonry Drills can be combined for quantity pricing.

Cyclo-Impak is a registered trademark of Tru-Cut, Inc.
SDS Plus is a registered trademark of Robert Bosch GmbH.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

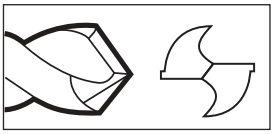
CRL Fractional Sized 118 Degree Point Jobber's Length High Speed Drill Bits

MORE SIZES crlaurence.com



- Fast Starting 118 Degree Point Tip
- Jobber's Length
- Fractional Sizes
- Bright Polished Finish

These High Speed Drill Bits are our most popular. The 118 Degree Point makes these Bits very fast-starting and drilling; making them an excellent choice as a general purpose Bit for drilling into metal, wood, and plastics. Each Bit is made with a hot, roll-formed flute, which is then heat-treated to give additional toughness and durability. Each Bit has a bright polished finish.



CAT. NO.	SIZE	LENGTH
601164	1/64"	3/4" (19 mm)
601132	1/32"	1-3/8" (34.9 mm)
601364	3/64"	1-3/4" (44.5 mm)
601116	1/16"	1-7/8" (47.6 mm)
601564	5/64"	2" (51 mm)
601332	3/32"	2-1/4" (57.2 mm)
601764	7/64"	2-5/8" (66.7 mm)
60118	1/8"	2-3/4" (69.9 mm)
601964	9/64"	2-7/8" (73 mm)
601532	5/32"	3-1/8" (79.4 mm)
6011164	11/64"	3-1/4" (82.6 mm)

Minimum order: 1 each. All High Speed Drills can be combined for quantity pricing.

CAT. NO.	SIZE	LENGTH
601316	3/16"	3-1/2" (89 mm)
6011364	13/64"	3-5/8" (92 mm)
601732	7/32"	3-3/4" (95.3 mm)
6011564	15/64"	3-7/8" (98.4 mm)
60114	1/4"	4" (101.6 mm)
6011764	17/64"	4-1/8" (104.8 mm)
601932	9/32"	4-1/4" (108 mm)
6011964	19/64"	4-3/8" (111.1 mm)
601516	5/16"	4-1/2" (114.3 mm)
6012164	21/64"	4-5/8" (117.5 mm)
6011132	11/32"	4-3/4" (120.7 mm)

Minimum order: 1 each. All High Speed Drills can be combined for quantity pricing.

CAT. NO.	SIZE	LENGTH
6012364	23/64"	4-7/8" (123.8 mm)
60138	3/8"	5" (127 mm)
6012564	25/64"	5-1/8" (130.2 mm)
6011332	13/32"	5-1/4" (133.3 mm)
6012764	27/64"	5-3/8" (136.5 mm)
601716	7/16"	5-1/2" (139.7 mm)
6012964	29/64"	5-5/8" (143 mm)
6011532	15/32"	5-3/4" (146 mm)
6013164	31/64"	5-7/8" (149.2 mm)
60112	1/2"	6" (152 mm)

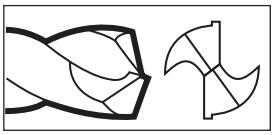
Minimum order: 1 each. All High Speed Drills can be combined for quantity pricing.

CRL Fractional Sized 135 Degree Split Point Jobber's Length High Speed Drill Bits

- 135 Degree Split Point Tip Prevents Walking or Skating
- Fractional Sizes
- Jobber's Length
- Black Oxide Finish



The CRL 135 Degree Split Point Tip Drill Bits don't walk or skate when you first start to drill. These Bits are excellent for general purpose drilling into metal, wood, and plastics. Each Bit is made with a hot, roll formed flute, which is then heat treated to give additional toughness and durability. All Bits have a black oxide finish to resist corrosion.



CAT. NO.	SIZE	LENGTH
40099107	7/64"	2-5/8" (66.7 mm)
40099108	1/8"	2-3/4" (69.9 mm)
40099109	9/64"	2-7/8" (73 mm)
40099110	5/32"	3-1/8" (79.4 mm)
40099111	11/64"	3-1/4" (82.6 mm)
40099112	3/16"	3-1/2" (89 mm)
40099113	13/64"	3-5/8" (92 mm)
40099114	7/32"	3-3/4" (95.3 mm)
40099116	1/4"	4" (101.6 mm)
40099117	17/64"	4-1/8" (104.8 mm)
40099118	9/32"	4-1/4" (108 mm)
40099119	19/64"	4-3/8" (111.1 mm)
40099120	5/16"	4-1/2" (114.3 mm)
40099124	3/8"	5" (127 mm)
40099128	7/16"	5-1/2" (136.5 mm)
40099132	1/2"	6" (152 mm)

Minimum order: 1 each. All High Speed Drills can be combined for quantity pricing.

CRL Fractional Sized "Stubby" Drill Bits

- 135 Degree Split Point Tip



CRL "Stubby" Steel Drills are surface treated, short length Drills with short flutes and short overall length for maximum rigidity. All have 135 degree split points for easier starting in sheet metal.

CAT. NO.	SIZE	LENGTH
301764	7/64"	1-13/16" (46 mm)
30118	1/8"	1-7/8" (47.6 mm)
301964	9/64"	1-15/16" (49.2 mm)
301532	5/32"	2-1/16" (52.4 mm)
301316	3/16"	2-3/16" (55.6 mm)
301732	7/32"	2-3/8" (60.3 mm)
30114	1/4"	2-1/2" (63.5 mm)

Minimum order: 1 each. Sizes can be combined for quantity pricing.

CRL 6" Long Fractional Sized Drill Bits

- 135 Degree Split Point Tip
- Black Oxide Finish

MORE INFORMATION crlaurence.com





These CRL 6" (152 mm) Long High Speed Steel Drills are ideal for use in hard to reach spaces or for making deeper holes.

CAT. NO.	SIZE	LENGTH
66618	1/8"	6" (152 mm)
666964	9/64"	6" (152 mm)
666532	5/32"	6" (152 mm)
6661164	11/64"	6" (152 mm)
666316	3/16"	6" (152 mm)
666732	7/32"	6" (152 mm)
6661564	15/64"	6" (152 mm)
66614	1/4"	6" (152 mm)

Minimum order: 1 each. Sizes can be combined for quantity pricing.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL 13-Piece Drill Bit Set



- Fractional Sizes From 1/16" to 1/4"
- 118 Degree Point Tip
- High Speed
- Bright Finish

MORE MODELS crlaurence.com

13-Piece Drill Bit Set contains the following sizes: 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 11/64", 3/16", 13/64", 7/32", 15/64", and 1/4". All bits are standard jobber length, and come in a steel index case. Minimum order is one set.

CAT. NO. S13

CRL Double End Fractional Sized Drill Bits



- 135 Degree Split Point Tip
- Stub Length
- 135 Degree Tip Promotes Fast Starting in Aluminum or Sheet Metal

CAT. NO.	SIZE	LENGTH
60607	7/64"	1-13/16" (46 mm)
60608	1/8"	1-13/16" (46 mm)
60609	9/64"	2-1/16" (52.4 mm)
60610	5/32"	2-3/16" (55.6 mm)
60612	3/16"	2-5/16" (58.7 mm)
60614	7/32"	2-5/8" (66.7 mm)
60616	1/4"	2-7/8" (73 mm)

Minimum order: 1 each. Sizes can be combined for quantity pricing.

CRL Plunger Latch Step Drill

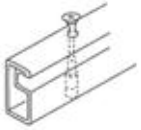
- For Quick Installation of Screen Frame Plunger Latches
- 7/32" to 1/8" (5.5 to 3.2 mm)



Drill hole from exterior edge of frame



Insert plunger and spring, then bind knob from spline pocket edge of frame



CAT. NO. WST905
Minimum order is one each

CRL Unibit® Step Drills

MORE INFORMATION crlaurence.com

- Perfectly Round Holes in Thin Materials
- Drill Up to 13 Diameters With Just One Drill

The CRL Unibit® Step Drill uses a unique, single flute design to drill perfectly round holes in materials up to 1/8" (3.2 mm) thick. Cutting steps of progressively larger diameters make it possible to drill up to 13 different hole sizes with a single bit. Also, the hole is automatically deburred by the cutting edge of the next size up.

Hole starting is easy because it won't skid across the surface, even without center punching. Designed for use with steel, copper, brass, aluminum, and other thin metals, it can also be used on plastics without chipping or clogging.

CAT. NO.	STEPS	DIAMETERS
UB1	13	1/8" to 1/2" (3.2 to 12.7 mm)
UB2	6	3/16" to 1/2" (4.8 to 12.7 mm)
UB3	9	1/4" to 3/4" (6.3 to 19 mm)
UB123	-	Set of All 3

Minimum order: 1 each.



UB1 UB2 UB3

CRL TICN Coated #21 Drill Bit

- TICN Coated, Sharp Tip for Drilling Into Stainless Steel
- #21 Size
- Can be Used With Hand Rail System Stainless Steel Tubing



CAT. NO. SLD21
Minimum order is one each

CRL Drill Bit Holder

- Holds Cat. No. SLD21 Tin Coated #21 Drill Bit
- Greatly Increases the Gripping Strength of Drill to the Bit



CAT. NO. DBH1
Minimum order is one each

Unibit is a registered trademark of Irwin Industrial Tool Company.

CRL Brand Countersinks

- Produce Smooth, Round Countersunk Holes Every Time
- Compare Our Low Prices Against Other Brands
- 1/4" (6.3 mm) Shank Diameter Fits Any 1/4" or 3/8" Drill Chuck



6SCS 8SCS 10SCS 18SCS 18CS 26ACS 18DB

CAT. NO.	DIAMETER	USES
6SCS	19/64" (7.5 mm)	For No. 6 Screws
8SCS	11/32" (8.7 mm)	For No. 8 Screws
10SCS	25/64" (9.9 mm)	For No. 10 Screws
18SCS	.486" (12.3 mm)	For Nos. 12 and 14 Screws
18CS	9/16" (14.3 mm)	For Nos. 12 and 16 Screws
26ACS	13/16" (20.6 mm)	For Large Holes
18DB	.556" (14.1 mm)	90 Degree Deburring Tool

Minimum order: 1 each. Sizes can be combined for quantity pricing.



MORE INFORMATION crlaurence.com

4 PIECE COUNTERSINK SET

CAT. NO.	SET INCLUDES
CS4	1 each 6SCS, 8SCS, 10SCS, and 18CS

Minimum order: 1 each.

CRL Weldon® Countersinks

- Best Countersinks Available for Aluminum
- Single Cutting Edge for Fast Removal of Stock
- 1/4" (6.3 mm) Shank Diameter Fits Any 1/4" or 3/8" Drill Chuck



CS6S CS8S CS10S CS18S CS18 CS26A DB18

CAT. NO.	DIAMETER	USES
CS6S	19/64" (7.5 mm)	For No. 6 Screws
CS8S	11/32" (8.7 mm)	For No. 8 Screws
CS10S	25/64" (9.9 mm)	For No. 10 Screws
CS18S	.486" (12.3 mm)	For Nos. 12 and 14 Screws
CS18	9/16" (14.3 mm)	For Nos. 12 and 16 Screws
CS26A	13/16" (20.6 mm)	For Large Holes
DB18	.556" (14.1 mm)	90 Degree Deburring Tool

Minimum order: 1 each. Sizes can be combined for quantity pricing.



4 PIECE COUNTERSINK SET

CAT. NO.	SET INCLUDES
CS618S	1 each CS6S, CS8S, CS10S, and CS18

Minimum order: 1 each. Not available in Australia.

CRL Machine Screw Taps

- Five Sizes
- High-Carbon Steel



CAT. NO.	THREAD SIZE	DRILL SIZE
106320	6-32NC	#36
108320	8-32NC	#29
101024	10-24NC	#25
101032	10-32NF	#21
101224	12-24NC	#16

Minimum order: 1 each. All Taps can be combined for quantity pricing.

CRL Fractional Size Taps

- Five Sizes
- High-Carbon Steel



CAT. NO.	THREAD SIZE	DRILL SIZE
151420	1/4"-20NC	#7
151428	1/4"-28NF	#3
155618	5/16"-18NC	F
153816	3/8"-16NC	5/16"
151213	1/2"-13NC	27/64"

Minimum order: 1 each. All Taps can be combined for quantity pricing.

CRL General Automatic Center Punch

- Gives a Uniform Mark Each Time
- Automatically Sets and Releases
- Adjustable for Light, Medium or Heavy Strokes



CAT. NO.	DESCRIPTION
G78	5/8" (15.9 mm) Automatic Punch
G78P	5/8" (15.9 mm) Replacement Point
G79	1/2" (12.7 mm) Automatic Punch
G79P	1/2" (12.7 mm) Replacement Point

Minimum order: 1 each.

Weldon is a registered trademark of Dauphin Precision Tool, LLC.

CRL General Pocket Automatic Center Punch

- Punches, Marks, Scribes and Starts Nail or Screw Holes
- Lightweight Aluminum With an Alloy Steel Point



CAT. NO. G87
Minimum order is one each

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL Variable Speed Rotary Tool Kit

- Variable Speed 8,000 to 18,000 RPM
- Includes 61-Piece Accessory Set



For versatility at a great price, you can't beat the CRL Variable Speed Rotary Tool Kit. The tool's comfortable grip and lightweight design make it easy to use in any position. Change accessories in just 20 seconds.

CAT. NO.	DESCRIPTION
LD111	110V Rotary Tool Kit
LD111AU	240V Rotary Tool Kit w/AU Plug
LD111EU	220V Rotary Tool Kit w/EU Plug

Minimum order: 1 each.

CRL Cordless Rotary Tool Kit

- Includes 40 Assorted Accessories
- Super Bright LED Work Light



This CRL Cordless Rotary Tool is a compact, efficient 7.2 Volt rechargeable tool for fine sanding, grinding, cutting, sharpening, and engraving. Features two speeds: High at 16,000 RPM, and low at 8,000 RPM. Includes two batteries.

CAT. NO.	DESCRIPTION
LD115	7.2 Volt Cordless Rotary Tool Kit
LD115AU	7.2 Volt Cordless Rotary Tool Kit w/AU Plug

Minimum order: 1 each.

CRL Dremel® Mini-Mite Cordless Rotary Tool

- Small, Powerful and Lightweight
- Runs at 5,000 and 10,000 RPM

MORE INFORMATION crlaurence.com



This small yet powerful tool for the home and shop fits right into your hand, giving you the kind of maneuverability not usually found in a rotary tool. The D750 accepts Dremel® and other bits with shanks up to 1/8" (3 mm) diameter. Included are a Battery Pack, a Charger, and five Dremel® Bits. For replacement battery order Cat. No. D75501. Minimum order is one each.

CAT. NO. D750

CRL 1/16" Collet for Dremel® Mini-Mite Cordless Rotary Tool

- Holds Carbide Burr Drills and Diamond Ball Burr Bits



This CRL 1/16" (2 mm) Collet for the Dremel® Mini-Mite Rotary Tool accepts our Cat. No. DRL2021C Tapered Auger Carbide Bit and Cat. No. ADK3D Diamond Ball Bit. Minimum order is one each.

CAT. NO. D482

CRL Tapered Auger Carbide Burr Drills

- Long Lasting Carbide Tip for Use in Dremel® or Other Rotary Tools



These CRL Tapered Auger Burr Drills for windshield repair quickly open the break area for quick resin flow. These burrs are virtually unbreakable as the tapered tip easily drills the glass and the tapered auger design brings the materials to the surface, keeping the drilling process cooler than when using a ball style burr bit. 10 Drills per package. Minimum order is one package.

NOTE: Requires Cat. No. D482 1/16" (1.6 mm) Collet when using in a CRL Dremel® Mini-Mite Cordless Rotary Tool or CRL Dremel® Moto Tool.

CAT. NO. DRL2021C

CRL Diamond Ball Burr Bit

- Fast Drilling to Open Repair Areas for the Injection of Resin



This CRL Diamond Ball Burr Bit for windshield chip repair opens repair areas to create a pool for better resin flow. It increases potential for better results by gaining access to the start of the cracks in the center of the damaged area. Be sure never to drill deeper than the height of the ball burr to prevent damage to the inner layer of PVB. One per package. Minimum order is one each.

NOTE: Requires Cat. No. D482 1/16" (1.6 mm) Collet when using in a CRL Dremel® Mini-Mite Cordless Rotary Tool or CRL Dremel® Moto Tool.

CAT. NO. ADK3D

Dremel is a registered trademark of Robert Bosch Tool Corporation.

CRL 12V Cordless Lithium-Ion Screwdriver Kit

- 23 Torque Settings Plus Non-Slip Drill Preset
- LED Work Light
- Kits Includes: Cordless Screwdriver, Two Batteries, 1 Hour Charger, Instructions, and a Molded Carrying Case



MORE INFORMATION crlaurence.com

CAT. NO. LD823
Minimum order is one each

CRL 3.6V Cordless Screwdriver Kit

- Eight Auto-Stop Adjustable Torque Settings
- Comfortable Pistol Grip Handle
- 44-Piece Kit Includes Assorted Insert Bits, Screwgun Drivers, and Sockets
- Carrying Case and Charger Included



CAT. NO. LD813
Minimum order is one each

CRL Offset Hex Bit Driver With Four Screwdriver Bits

- Low-Profile Angled Head Fits Into Areas Standard Screwdrivers Can't
- Removable Driver Head for Use With Electric Screwdrivers and Drills
- Holds All 1/4" (6.4 mm) Hex Insert Bits



CAT. NO. M14895
Minimum order is one each

CRL 34-Piece Multi-Bit Screwdriving Set

- 34 Pieces With a Handy Carrying Case
- Phillips, Slotted, Torx, Allen, Spanner, and Nut Driver Bits Included



CAT. NO. 15568
Minimum order is one each

CRL Ratcheting Extension Screwdriver

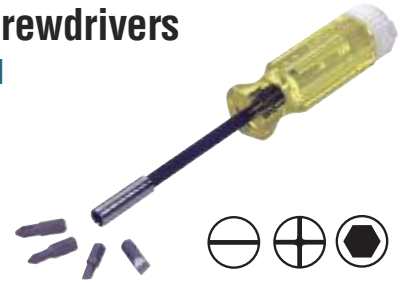
- Magnetic Tip Shaft Extends From 9-1/4" to 15" (235 to 381 mm) and Locks in Place
- Handle Ratchets Left or Right, or Works in Fixed Position
- Six Bits Included Two Each Slotted, Philips, and Torx



CAT. NO. H109
Minimum order is one each

CRL Magnetic Screwdrivers

- Phillips and Slotted Bits Included in Storage Handle
- Remove the Bit to Drive 1/4" (6 mm) Hex Screws



CAT. NO.	OVERALL LENGTH
3192	3" (76 mm)
3195	8" (203 mm)
3198	10-1/2" (267 mm)

Minimum order: 1 each.

Visit **crlaurence.com/screwdrivers** for our full range of Screwdrivers.

CRL 1/4" Hex Insert Bits

• Fit Any 1/4" Hex Bit Holder

MORE CHOICES crlaurence.com



CRL offers a complete selection of Insert Bits along with Bit Holders. We have many specialty drivers for all of your job requirements.

CRL thinks that there is a "right tool" for every job, and we have the tool to fit your needs. Below and on the next page you will find our most popular and newest selection of Insert Bits. For a complete listing with descriptions please review our CRL73R Tools, Machinery, and Equipment Catalog. You can also view our complete selection of Insert Bits by visiting our web site, **crlaurence.com/insert-bits**.


Long Phillips


H.D. Phillips


Torx® Head


Spanner Head


Standard Phillips


Slotted


Tamper Torx®


Allen Type


Undercut Phillips


Clutch Head


Square Tip


PoziDriv®

CRL 1/4" Hex Phillips Insert Bits


CAT. NO. 4401


CAT. NO. 4402


CAT. NO. 44022


CAT. NO. 4461


CAT. NO. 4462


CAT. NO. SD333


CAT. NO. 346281



CAT. NO.	TYPE	POINT SIZE
4401	Standard	1
4402	Standard	2
44022	Long	2
4461	Undercut	1
4462	Undercut	2
SD333	Heavy-Duty	3
346281	Drywall	2

Minimum order: 1 each. All Hex Insert Bits can be combined for quantity pricing.

CRL 1/4" Hex Slotted Insert Bits


CAT. NO. 4451


CAT. NO. 4452


CAT. NO. 4453


CAT. NO. 4454


CAT. NO. 4455


CAT. NO. 4456



CAT. NO.	SCREW SIZES
4451	4-5
4452	6-8
4453	8-10
4454	10-12
4455	12-14
4456	14-16

Minimum order: 1 each. All Hex Insert Bits can be combined for quantity pricing.

CRL 1/4" PoziDriv® Insert Bits

• Come in Three Different Sizes





CRL PoziDrive Insert Bits are precision machined for the perfect fit. Designed to work exclusively with PoziDrive screws to prevent slip out and provide greater driving surface.

CAT. NO.	BIT SIZE
570101P	#1
570102P	#2
570103P	#3

Minimum order: 1 each. All Hex Insert Bits can be combined for quantity pricing.

PoziDriv is a registered trademark of Phillips Screw Company.
Torx is a registered trademark of Acument Intellectual Properties.

CRL 1/4" Spanner Insert Bits

• Available in Three Sizes





CRL Hex Spanner Insert Bits come in three sizes. Use to set or replace Spanner Head Security Screws.

CAT. NO.	SCREW SIZE
SP6HB	#6
SP8HB	#8
SP10HB	#10

Minimum order: 1 each. All Hex Insert Bits can be combined for quantity pricing.

CRL Makita® Screw Finder/Drivers



Includes three 1/4" Insert Bits: one each Slotted, plus #1 and #2 Phillips Bits. This handy tool will also hold all other types of 1/4" Insert Bits.

CAT. NO.	DESCRIPTION	LENGTH
784811A	"Stubby" Finder/Driver	3" (76 mm)
784810A	Regular Finder/Driver	4-1/2" (114 mm)

Minimum order: 1 each.

CRL Magnetic Hex Insert Bit Holders



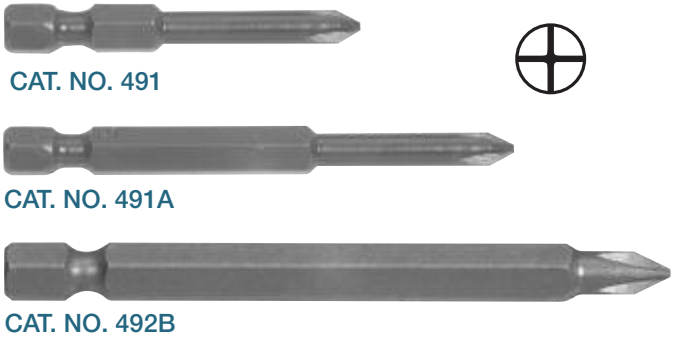
CRL Magnetic Hex Insert Bit Holders allow use of all 1/4" Hex Insert Bits in your screwgun. Available in two lengths.

CAT. NO.	LENGTH
M490	3" (76 mm)
M4906	6" (152 mm)

Minimum order: 1 each.

CRL Phillips Screwgun Bits

CRL Phillips Screwgun Bits are available in #1, #2, and #3 Phillips point sizes. 1-15/16" (49 mm), 2-3/4" (70 mm), and 3-1/2" (90 mm) lengths fit all standard electric screwguns.



CAT. NO. 491

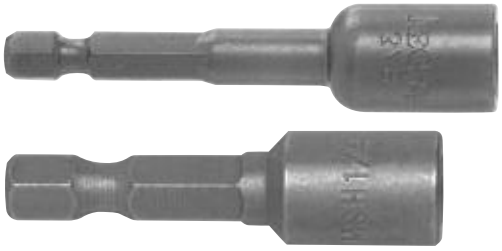
CAT. NO. 491A

CAT. NO. 492B

CAT. NO.	POINT SIZE	SCREW SIZES	LENGTH
491	#1	2-4	1-15/16" (49 mm)
492	#2	6-8-10	1-15/16" (49 mm)
493	#3	12-14	1-15/16" (49 mm)
491A	#1	2-4	2-3/4" (70 mm)
492A	#2	6-8-10	2-3/4" (70 mm)
493A	#3	12-14	2-3/4" (70 mm)
491B	#1	2-4	3-1/2" (90 mm)
492B	#2	6-8-10	3-1/2" (90 mm)
493B	#3	12-14	3-1/2" (90 mm)

Minimum order: 1 each. All Screwgun Bits can be combined for quantity pricing.

CRL Screwgun Nut Setter Sockets



- Nut Setters Have a Magnetic Head
- Fit All Standard Screwguns

The CRL Screwgun Nut Setter Sockets have a magnetic head to firmly hold the screw and are now available in two lengths. CRL Nut Setter Sockets fit all standard screwguns.

CAT. NO.	NUT SIZE	LENGTH
MDB08	1/4"	1-3/4" (44 mm)
MDB10	5/16"	1-3/4" (44 mm)
MDB12	3/8"	1-3/4" (44 mm)
MDB14	7/16"	1-3/4" (44 mm)
MDB08L	1/4"	2-9/16" (65 mm)
MDB10L	5/16"	2-9/16" (65 mm)
MDB12L	3/8"	2-9/16" (65 mm)
MDB14L	7/16"	2-9/16" (65 mm)

Minimum order: 1 each. All Nut Setters can be combined for quantity pricing.

CRL Nut Setter Insert Bits



- Available in Four Sizes

CRL Nut Setter Insert Bits fit all standard Bit Holders.

CAT. NO.	NUT SIZE
MNS3	3/16"
MNS4	1/4"
MNS5	5/16"
MNS6	3/8"

Minimum order: 1 each.

CRL Flex Hex Drive Adapter



The CRL Flex Hex Drive Adapter is an 8" (203 mm) steel spring with a 1/4" (6.4 mm) male drive on one end and a 1/4" (6.4 mm) hex bit holder on the other. This is a handy tool for driving hex bolts where a standard straight screwdriver cannot reach. Use with a standard hex drive screwdriver or your drill motor. Minimum order is one each.

CAT. NO. FE8

Makita is a registered trademark of Makita Corporation.

CRL Hex Allen Insert Bits



• Available in Sizes From 1/16" to 1/4"

CRL 1/4" drive Hex Allen Insert Bits are available in 10 sizes from 1/16" to 1/4" for cap screws and set screws.

CAT. NO.	HEX SIZE	LENGTH	CAP SCREW SIZE	SET SCREW SIZE
18500	1/16"	1" (25 mm)	1	5 and 6
1850	5/64"	1" (25 mm)	2 and 3	8
1851	3/32"	1" (25 mm)	4 and 5	10
1859	7/64"	1" (25 mm)	6	----
1852	1/8"	1" (25 mm)	8	1/4"
18510	9/64"	1" (25 mm)	8	----
1853	5/32"	1" (25 mm)	10	5/16"
1854	3/16"	1" (25 mm)	1/4"	3/8"
1855	7/32"	1" (25 mm)	----	7/16"
1856	1/4"	1" (25 mm)	5/16"	1/2" and 9/16"

Minimum order: 1 each. All Hex Insert Bits can be combined for quantity pricing.

CRL Metric Hex Allen Insert Bits



• Available in Sizes From 3 to 6 mm

CRL 1/4" drive Metric Hex Allen Insert Bits are in four Metric sizes from 3 to 6 mm.

CAT. NO.	HEX SIZE	LENGTH
HXB3M	3 mm	1" (25 mm)
HXB4M	4 mm	1" (25 mm)
HXB5M	5 mm	1" (25 mm)
HXB6M	6 mm	1" (25 mm)

Minimum order: 1 each. All Hex Insert Bits can be combined for quantity pricing.

CRL Clutch Head Insert Bits



CRL Clutch Head Insert Bits come in five sizes from 3/32" to 1/4". Clutch head screws are found in GM truck window and body parts, as well as many other machine assemblies. These Clutch Head Insert Bits fit all standard 1/4" bit holders.

CAT. NO.	CLUTCH SIZE	LENGTH
1901G	3/32"	1-1/4" (32 mm)
1902G	1/8"	1-1/4" (32 mm)
1903G	5/32"	1-1/4" (32 mm)
1904G	3/16"	1-1/4" (32 mm)
1905G	1/4"	1-1/4" (32 mm)

Minimum order: 1 each. All Hex Insert Bits can be combined for quantity pricing.

CRL Torx® Insert Bits

MORE CHOICES crlaurence.com



• Available in Two Lengths

CRL 1/4" drive Standard Torx® Insert Bits come in 11 sizes to fit the most common Torx® screw sizes. **NOTE:** The T50 Bit only fits 5/16" hex drivers.

CAT. NO.	TORX SIZE	A (REF.)	LENGTH
440TX07	T7	.077	1" (25 mm)
440TX08	T8	.090	1" (25 mm)
440TX09	T9	.097	1" (25 mm)
440TX10	T10	.107	1" (25 mm)
440TX15	T15	.128	1" (25 mm)
440TX20	T20	.151	1" (25 mm)
440TX25	T25	.173	1" (25 mm)
440TX27	T27	.195	1" (25 mm)
440TX30	T30	.216	1" (25 mm)
440TX40	T40	.260	1" (25 mm)
440TX50	T50	.325	1-1/4" (32 mm)

Minimum order: 1 each. All Hex Insert Bits can be combined for quantity pricing.

CRL Tamper-Proof Torx® Insert Bits



CRL Tamper Torx® Insert Bits come in 10 sizes to fit all standard Torx® head screws, as well as tamper-proof type Torx® head security screws.

CAT. NO.	TORX SIZE	A (REF.)	LENGTH
TTX07	T7	.077	1" (25 mm)
TTX08	T8	.090	1" (25 mm)
TTX09	T9	.097	1" (25 mm)
TTX10	T10	.107	1" (25 mm)
TTX15	T15	.128	1" (25 mm)
TTX20	T20	.151	1" (25 mm)
TTX25	T25	.173	1" (25 mm)
TTX27	T27	.195	1" (25 mm)
TTX30	T30	.216	1" (25 mm)
TTX40	T40	.260	1" (25 mm)

Minimum order: 1 each. All Hex Insert Bits can be combined for quantity pricing.

CRL "Robertson" Square Drive Insert Bits



• Available in Four Sizes

CRL 1/4" hex Square Drive Insert Bits are often referred to as Robertson bits. They fit all standard 1/4" bit holders.

CAT. NO.	ROBERTSON SIZE	FRACTIONAL SIZE	LENGTH
9500	# 0	1/16"	1" (25 mm)
9501	# 1	3/32"	1" (25 mm)
9502	# 2	1/8"	1" (25 mm)
9503	# 3	9/64"	1" (25 mm)
SQ275S*	# 2	1/8"	3" (75 mm)

Minimum order: 1 each. All Hex Insert Bits can be combined for quantity pricing. *Available in Australia only.

Torx is a registered trademark of Acument Intellectual Properties

CRL Adjustable Crescent Wrenches

- Heat Treated, Chrome Plated
- Five Popular Sizes



MORE CHOICES
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CAT. NO.	LENGTH
AC14	4" (102 mm)
AC16	6" (152 mm)
AC18	8" (203 mm)
AC110	10" (254 mm)
AC112	12" (305 mm)

Minimum order: 1 each. Sizes can be combined for quantity pricing.

CRL 15-Piece Squeeze Wrench Set

- Ratchet Head Turns By Squeezing the Handle



Set Includes: Squeeze Wrench, 5/16", 3/8", 7/16", 1/2", 9, 10, 11, 12, and 13 mm Sockets as well as one Phillips and one Slotted Screwdriver Bit. All enclosed in a Compact Carrying Case. Minimum order is one each.

CAT. NO. SQW100R

CRL Universal Spanner Wrench Kit

- Fits CRL Brand Laguna Series Brackets and Spider Fittings to Glass



Kit Includes: One Adjustable Tool, five Metric (1.5, 2, 2.5, 3, and 4 mm) Spanner Pin Sets, and five Fractional (1/16", 3/32", 1/8", 5/32", and 3/16") Spanner Pin Sets. Comes complete with a Molded Carrying Case. Minimum order is one each.

NOTE: Minimum pin spread center-to-center is 1/4" (6 mm).

CAT. NO. USW10

CRL Adjustable Spanner Wrench

- Adjustable Wrench Used to Install Laguna Series Top Roller on Glass Doors



CAT. NO. SW19
Minimum order is one each

CRL Spanner Wrench for Stainless Standoffs

- Designed to Work Only With Our Cat. No. SS30 Standoffs



CAT. NO. SW30
Minimum order is one each

CRL Adjustable Strap Wrench

- Will Not Damage Finish
- Durable Rubber Strap and 4" Handle
- A "Must" for Standoff Installations
- Adjustable From 3/4" to 4" (19 to 102 mm) Diameter



CAT. NO. ASW12
Minimum order is one each

CRL Laguna Series Socket Wrench Adapter

- Use With 1/4" (6.4 mm) Ratchet to Tighten or Remove Laguna Series Hardware to Glass



CAT. NO. LSSW1
Minimum order is one each

CRL Cap Assembly Spanner Wrench

- Use on 3/4" (19 mm) to 1-1/4" (31.8 mm) Standoff Caps



CAT. NO. S0W
Minimum order is one each

CRL Cap Assembly Spanner Wrench

- Use on 1-1/2" (38.1 mm) to 2" (50.8 mm) Standoff Caps



CAT. NO. SSW12
Minimum order is one each

CRL Large Allen Wrench Set

- Nine Different Fractional Sizes
- Keys Fold Into Body for Storage

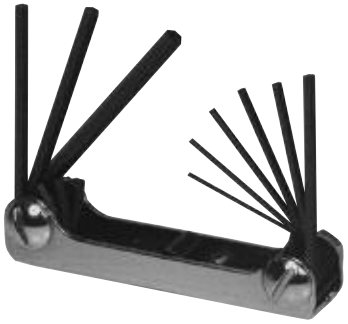


Sizes include: 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", and 1/4". Minimum order is one each.

CAT. NO. 91

CRL Small Allen Wrench Set

- Nine Different Fractional Sizes
- Keys Fold Into Body for Storage



Sizes include: .050, 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", and 3/16". Minimum order is one each.

CAT. NO. 91S

CRL Metric Allen Wrench Set

- Seven Different Metric Sizes
- Keys Fold Into Body for Storage



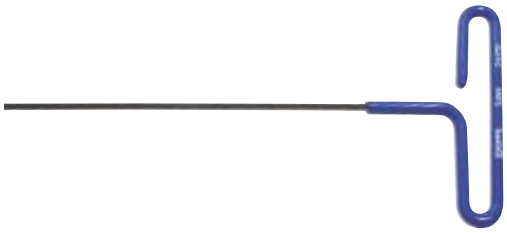
Sizes include: 1.5, 2, 2.5, 3, 4, 5, and 6 mm. Minimum order is one each.

MORE CHOICES crlaurence.com

CAT. NO. M17

CRL Specialty T-Handle Hex Wrenches

- Handy for Installing Door Rails
- Vinyl Tipped Soft Grip Loop Handle
- High Quality 8650 Chrome Nickel Alloy Steel



CAT. NO.	HEX SIZE	LENGTH
T620	2 mm	6" (152 mm)
T718	1/8"	6" (152 mm)
T912	3/16"	9" (229 mm)

Minimum order: 1 each.

CRL Specialty Allen Wrenches

- Commonly Used for Commercial Door Handle Installation
- Ball End Wrenches Can be Used at a 25 Degree Angle



CAT. NO.	TYPE	SIZE	LENGTH
18208	Ball End	1/8"	3-3/4" (95 mm)
18605	Ball End	2.5 mm	3-1/2" (88 mm)
18606	Ball End	3.0 mm	3-7/8" (98 mm)
3MM	Straight End	3.0 mm	2-7/8" (73 mm)
4MM	Straight End	4.0 mm	2-7/8" (73 mm)

Minimum order: 1 each.

CRL Hex and Torx® Rear View Mirror Bracket Wrenches

- MB2 Tool Has 5/64" and 3/32" Hex Wrench Ends
- MB2TX Tool Has TX15 and TX20 Torx® Wrench Ends
- Handy Shirt Pocket Clip



CAT. NO. MB2
Minimum order is one each



CAT. NO. MB2TX
Minimum order is one each

Torx is a registered trademark of Acument Intellectual Properties, LLC.

CRL Robo-Grip® Pliers

- Patented Design Adjusts Jaws Automatically
- Laminated Construction Adds Strength
- Extra Wide Grip for Comfort and Gripping Strength

These Robo-Grip® Pliers are self-adjusting, allowing for quick one-handed operation. Laminated multi-ply construction adds strength, and their wide plastic handle grip allows for extra gripping strength while providing comfort for extended periods of use.

CRL Robo-Guards are heavy vinyl slip-on socks designed for the jaws of CRL Robo-Grip® Pliers. They protect fine surfaces, such as plated chrome or polished brass from being scratched. They come in packs of 10 each and are available for both plier sizes.



ROBO-GRIP® PLIERS

CAT. NO.	LENGTH	JAW CONFIG.	MAX. GRIP
RBG7	7" (178 mm)	Curved	3/4" (19 mm)
RBG9	9" (228 mm)	"V" Jaw	1-1/2" (38 mm)

Minimum order: 1 each. Sizes can be combined for quantity pricing.

ROBO-GUARDS

CAT. NO.	FITS PLIER SIZE	PKG/QTY
RBGU7	7" (178 mm)	10
RBGU9	9" (228 mm)	10

Minimum order: 1 pack.

CRL Diagonal Cutters

- Choice of Three Sizes
- Coated Grips
- Forged Alloy Tool Steel



CAT. NO.	TYPE	SIZE
9406	Short Nose	6" (153 mm)
5427C	Standard Duty	7" (178 mm)
5428C	Heavy-Duty	8" (203 mm)

Minimum order: 1 each.

CRL Sheet Metal Clamp

- Designed to Hold Flat Stock Firmly Together
- Smooth Clamp Surface Helps Prevent Scratches or Marring



CAT. NO.	LENGTH	JAW CAPACITY
8R	8" (203 mm)	3-1/8" (78 mm)

Minimum order: 1 each. All Vise Grips can be combined for quantity pricing.

CRL Compound Diagonal Cutters

- 50% More Cutting Power
- Induction Hardened Edges for Years of Tough Cutting Service
- Molded Grips for Comfort
- 9" (228 mm) Length





CAT. NO. DC9
Minimum order is one each

Robo-Grip is a registered trademark of W Forge Holdings, Inc.

CRL Long Nose Locking Pliers

- With Wire Cutter Feature
- Extra Long Jaws Tighten at the End for Tight Areas

MORE CHOICES crlaurence.com



CAT. NO.	LENGTH	JAW CAPACITY
6LN	6" (152 mm)	2" (51 mm)

Minimum order: 1 each. All Vise Grips can be combined for quantity pricing.

CRL 25 Foot Ultimate Tape Rule

- Ergonomic Case for Exceptional Comfort and Secure Grip
- Ultra-Rigid 1" (25.4 mm) Wide Steel Blade With
- Large Easy-to-Read Numbers With Fractional Markings
- Positive Lock Button





MORE INFORMATION
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CAT. NO. 54225
Minimum order is one each

CRL Power Tape Rules

- Professional Quality
- Ultra Rigid Steel Blades With Two Color Markings
- Positive Lock Button
- Three Lengths and Two Blade Widths Available





MORE CHOICES
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CAT. NO.	BLADE WIDTH	BLADE LENGTH
54112	5/8" (15.9 mm)	12' (3.6 m)
54125	1" (25.4 mm)	25' (7.6 m)
54133	1" (25.4 mm)	33' (10.1 m)

Minimum order: 1 each. All Tape Rules can be combined for quantity pricing.

CRL Fractional/Metric Tape Rules

- Tape Reads in Both Fractional and Metric
- Tape Reads in Vertical Orientation on Back Side of Blade
- Self-Locking Blade With Release on Both Top and Bottom
- Two Lengths and Blade Widths







Front of Blade

Back of Blade

CAT. NO.	BLADE WIDTH	BLADE LENGTH
54819	3/4" (19 mm)	16' (4.9 m)
54829	1" (25.4 mm)	25' (7.6 m)

Minimum order: 1 each. All Tape Rules can be combined for quantity pricing.

CRL Stanley® PowerLock® II Tape Rules

- Bright Yellow Blade With Mylar Finish
- Fractional Markings
- Exclusive PowerLock® Feature
- Chrome Plated Metal Case







For a complete listing with descriptions please review our CRL73R Tools, Machinery, and Equipment Catalog. You can also view our complete selection of Tape Rules by visiting our web site, crlaurence.com/tape-rules.

CAT. NO.	BLADE WIDTH	BLADE LENGTH
ST33312	3/4" (19 mm)	12' (3.6 m)
ST33316	3/4" (19 mm)	16' (4.9 m)
ST33425	1" (25.4 mm)	25' (7.6 m)

Minimum order: 1 each. All Tape Rules can be combined for quantity pricing.

Stanley and PowerLock are all registered trademarks of Stanley Logistics, LLC.

CRL Tele-Tape Measuring Sticks

- Three Sizes Ranging From 28" (711 mm) to 197" (5004 mm) Measuring Length
- Built in Measuring Tape
- Anodized Aluminum Casing
- Both Fractional and Metric Markings



CAT. NO.	RETRACTED/EXTENDED LENGTH
TTE118	28" (711 mm) to 118" (2997 mm)
TTE158	34" (864 mm) to 158" (4013 mm)
TTE197	42" (1067 mm) to 197" (5004 mm)

Minimum order: 1 each. Sizes can be combined for quantity pricing.



Analog Display



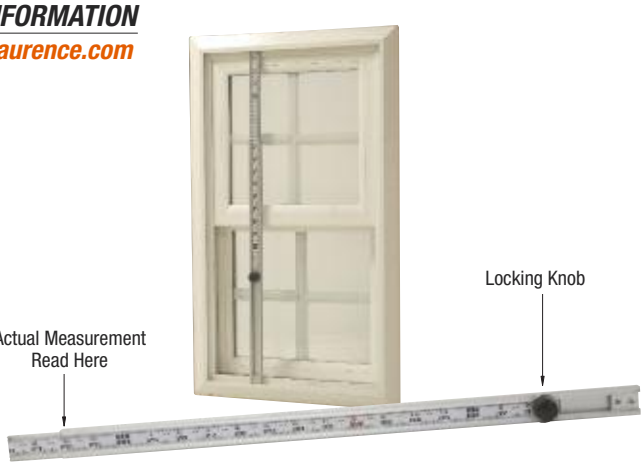
CRL Accu-Rule Measuring Rods

MORE INFORMATION crlaurence.com

- Narrow Frame is Ideal for Measuring Inside Window and Door Openings
- Lightweight and Easy to Use
- Three Lengths Ranging From 20" (508 mm) to 119" (3022 mm)
- Marked to 1/16th of an Inch (Fractional Markings Only)

CAT. NO.	MINIMUM/MAXIMUM MEASURING LENGTH
P8066	20" to 32" (508 to 813 mm)
P8065	30" to 60" (762 to 1524 mm)
P8064	60" to 119" (1524 to 3022 mm)

Minimum order: 1 each.



CRL Combination Square

- 12" Removable Blade Graduated in 1/8", 1/16", and 1/32" Increments
- Scratch Awl and Level Vial Located in the Handle

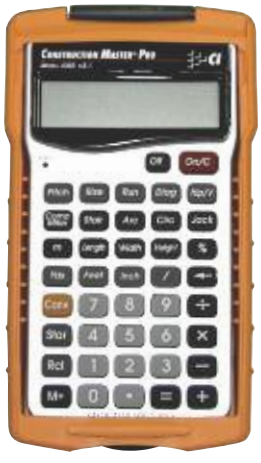


CAT. NO. ST46123
Minimum order is one each

CRL Construction Master® Pro Calculator

NEW!

- Feet-Inch-Fraction Calculator
- Solutions in an Instant
- Includes Problem Solving for Stairs, Studs, Drywall, Siding, Panels, and More
- Includes CD-Rom With English and Spanish "How To" Video and User's Guide
- Reduces Risk of Estimating Errors
- Battery Included



CAT. NO. CM6
Minimum order is one each

Construction Master is a registered trademark of Calculated Industries, Inc.

CRL Glass Thickness Laser

- Measures Thickness of Air Space in Sealed Insulating Glass Units and Overall Unit Thickness
- Measures From Inside of the Building – No Glass Removal is Necessary
- Uses Laser Technology for Exact Measurements
- Calculates Thicknesses of Insulating, Laminated, Bullet Resistant, and Single Lite Float Glass
- Simple to Use – Just Press a Button and Read the Measurements
- Fractional Inch and Metric Measurement Models

MORE INFORMATION crlaurence.com

PROTECT

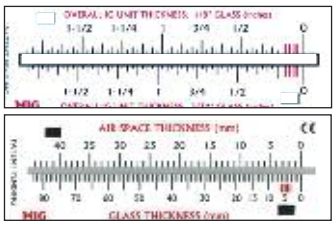


The CRL Glass Thickness Laser is a breakthrough in glass measuring devices. It will give you the same exacting readout as digital units costing hundreds more. Not only does the MG1500 measure standard Insulating Glass units, but it will also measure triple-glazed I.G. units, laminated glass, Low-e surfaces, and multi-layer bullet resistant glass. Best of all, the MG1500 is accurate from either side of the unit, so removal of the panel is not required. This is especially convenient in multiple-story buildings.

Designed for use in the field, glaziers and inspectors alike can easily carry it in their shirt pocket, on their belt, or just about anywhere the convenient carrying case will fit. The MG1500 is powered by two AAA batteries, which are included.

IMPORTANT NOTE: Avoid looking into laser beams at all times, as they can cause damage to your eyes.

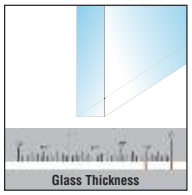
Overall Insulating Glass Thickness Scales



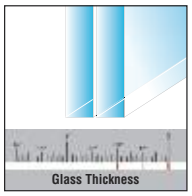
Fractional Inch and Metric Scale Sets are Interchangeable

CAT. NO.	DESCRIPTION
MG1500	Fractional Inch Laser
MG1500MM	Metric Laser
MG1500SS	Fractional/Metric Scale Set Only

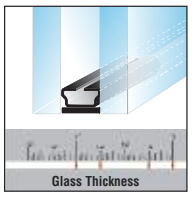
Minimum order: 1 each.



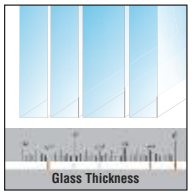
Float Glass and Mirror



Laminated Glass (Any Thickness)



Double and Triple Glazed I.G. Units



Bullet Resistant Glass (Any Combination of Thicknesses)

CRL Glass-Chek+ Digital Glass Thickness Meter With Low-e

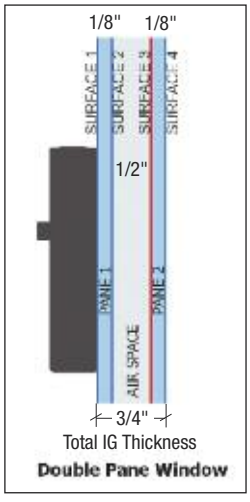
MORE CHOICES crlaurence.com

- Measures Insulating Glass Units – Thickness of Lite, Air Space, and Overall Thickness Up to 1-1/2" (38.1 mm)
- Detects Low-e Coating and Compatible With Tinted Glass
- Factory Calibrated, Needs No Field Adjustments
- Digital Readout in Decimal, Fractional, and Metric

The CRL Glass Chek+ Digital Glass Thickness Meter with Low-e Sensor is descended from the single pane Low-e coating detector, however the GC2001 is now able to differentiate whether the Low-e is on Surface 1 or Surface 2 of the glass. Another one of the biggest improvements is its ability to test tinted glass and the newest Low-e coatings that have been introduced in the past few years. This unit is capable of testing the thickness of single or double pane windows. Simply press the Glass-Chek Meter against a single lite of glass, or a dual lite window assembly, push the button and hold it until the measurements are digitally displayed. The thickness of each lite of glass, the air space, and the overall thickness of the unit will simultaneously appear on the two-line liquid crystal display. Unit can be read in decimal, fractional and metric. For best results, clean the window prior to testing. Uses one 9V DC battery (included). Minimum order is one each.



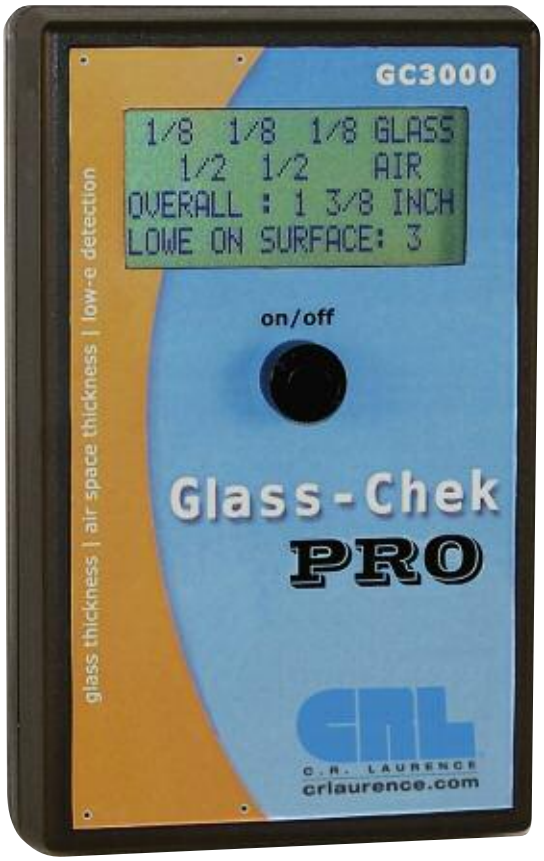
CAT. NO. GC2001
Glass-Chek+



CRL Glass-Chek PRO

Glass Thickness Meter and Low-e Coating Detector

- **Triple Pane Thickness Measurement**
- **Full Low-e Detection Capabilities**
- **Enhanced Compatibility Means More Applications**



GC3000 Glass-Chek PRO measures glass, air space and overall IG thickness of triple pane windows, all with a single test from one side of the window. It works with single and double pane applications as well.

The GC3000 is a fully equipped Low-e Coating Detector capable of locating a Low-e coating on any surface of a double pane window from a single side. This is a major time saver for testing multi-story buildings where you only have access to the inside of the window.

No other meter in the world can handle the same combination of applications. With an expanded thickness range to 1-1/2" (38 mm), the Glass-Chek PRO is compatible with residential and commercial glass. It is also compatible with new Low-e coatings, suspended film (i.e., Heat Mirror), tinted glass, laminated glass with Low-e against the laminate layer, and most commercial reflective glass.

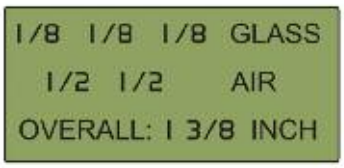
- Reduce Measurement Errors
- Measure Glass Deflection in Sealed IG Window Assemblies
- Uses a 9-Volt Battery – Common and Easily Replaceable
- Simple to Use Suitable for New or Experienced Window Installers, Production Personnel, Building Inspectors or Surveyors
- Protective Carrying Case is Included
- Made in the U.S.A.

CAT. NO. GC3000
Minimum order is one each

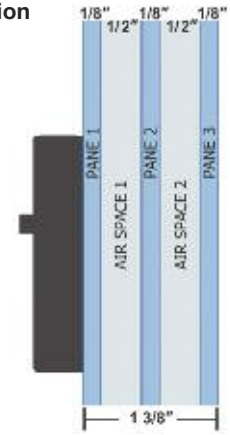
Choose from Multiple Display Formats
You can set up the Glass-Chek PRO to display measurement results in the format that works best for you. Choose from actual values or rounded (to ASTM Standards) in fractions of an inch, thousandths of an inch, decimals of an inch, millimeters, and more.

MORE INFORMATION crlaurence.com

Glass Thickness Capabilities Illustration
Measure the thickness of each pane, each air space, and the total IG thickness in single, double, and triple pane windows.



Display example outlining the glass, air space, and overall thickness of a triple pane window. Example shows readings in fractions of an inch, but the meter can be easily set up to display readings in other formats.

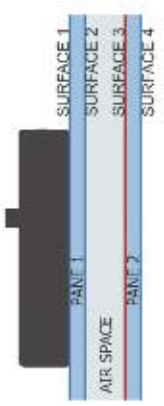


Triple Pane Window

Low-e Coating Detection Illustration
Detect the presence and location of Low-e coatings on any surface of the first two panes. The meter will specify whether the coating is on surface one, two, three/four or "CLEAR" if no coating is present.



Display example indicates the Low-e coating is on surface 3 of the window. This means the coating is on the inside surface of the second pane. The GC3000 will detect coatings on any of the surfaces of a double pane window and most triple pane windows.



Double Pane Window

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Insulating Glass Caliper

- Measures Insulating Glass Unit Thickness in Sliding Windows and Doors
- Fractional or Metric Scales on Both Sides
- Quick and Easy to Use

MORE INFORMATION crlaurence.com



CAT. NO. 1GCAL

Fractional Inch Caliper Shown



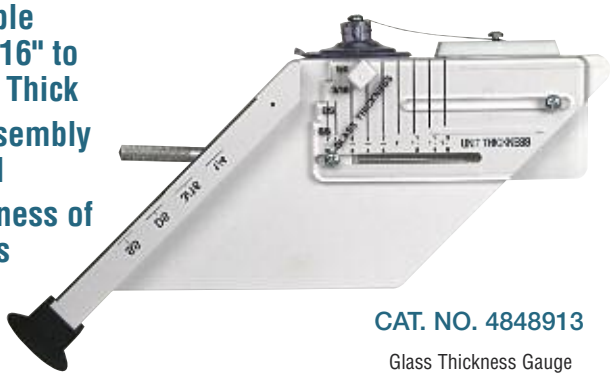
The CRL Insulating Glass Caliper makes it easy to measure the overall thickness of insulated glass panels in sliding windows and doors even when the panels have been glazed into a sash frame. This useful tool will measure up to 4" (102 mm) thick panels. The calibrated scale appears on both sides for quick and convenient measurements. Made of a high impact resistant composite material for durability.

CAT. NO.	DESCRIPTION
1GCAL	Fractional Inch Caliper
1GCALMM	Metric Caliper

Minimum order: 1 each.

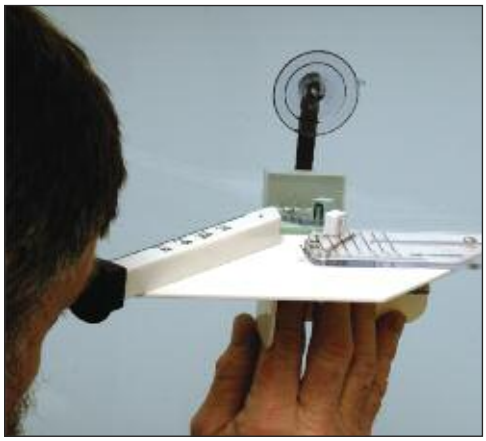
CRL Insulating Glass Thickness Gauge

- Works on Dual or Triple Glazed Units From 7/16" to 1-1/4" (11 to 32 mm) Thick
- No Opening or Disassembly of Windows Required
- Also Measures Thickness of Single Pane Windows



CAT. NO. 4848913

Glass Thickness Gauge



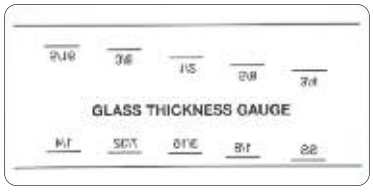
The CRL Insulating Glass Thickness Gauge is a precise tool designed to accurately measure the glass thickness and overall unit thickness of multiple glazed windows in fractional increments. It works on any clear glass unit from 7/16" to 1-1/4" (11 to 32 mm) overall thickness. There is no need for exposed edges or openings, as the Gauge works by reflections, using a line-of-sight viewer that targets the exact thickness of the unit. The supplied reflector unit is held in place by a suction cup base. It is a time and money saver for anyone in the Insulating Glass field. Minimum order is one each.

CRL Glass Thickness Gauges

- Choice of Fractional or Metric Models

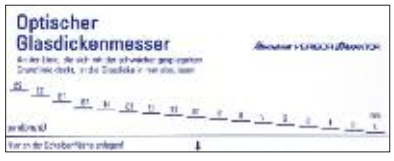
The CRL Glass Thickness Gauge measures single pane thickness even when it is not possible to measure the glass from the edge. Place the long edge of the Gauge against the glass and tilt the Gauge upward to a 45 degree angle to the glass surface. Look into the glass at the reflection of the Gauge and compare each short line with the long continuous line. Pick the one short line that is shown in the reflection within the same plane as the long line, and read the glass thickness measurement as indicated above that line. This is your glass thickness. Minimum order is one each.

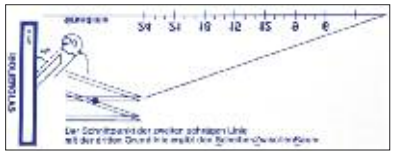




CAT. NO. G1340

Fractional Gauge





CAT. NO. GTG1

Metric Gauge

CRL Abrasive Gun

- For Use With Several Types of Abrasive Mediums
- Carbide Tip Nozzle Included
- Ideal for Etching Designs on Glass, Stone, Metal, and Plastics
- Requires an Air Supply of 20 to 80 PSI (1.4 to 5.5 Bars)



CAT. NO. LAC3



CAT. NO. LAC3N0Z

CAT. NO.	DESCRIPTION
LAC3	Complete Air Gun Kit
LAC3N0Z	Replacement Nozzle

Minimum order: 1 each.

CRL Portable Vacuum Blaster

- Siphon-Type Blasting System
- Powerful Vacuum Recovery of Blasting Material
- Comes With Gun and Two Nozzles
- 40 Lb. (18.1 kg) Tank Capacity
- Replacement Nozzles Available



CAT. NO. 36000
Minimum order is one each

CRL Aluminum Oxide Blasting Abrasive

- Will Work In All CRL Sand and Etch Blasters
- Available in Two Grits

MORE INFORMATION crlaurence.com





CAT. NO.	GRIT	CONTENTS
2643120	120X	10 Lbs. (4.5 kg)
2643180	180X	10 Lbs. (4.5 kg)

Minimum order: 1 each.

CRL Sandblast Tape

- Strong White Vinyl Tape Available in Both 4 Mil and 8 Mil Thickness
- Accepts Pen, Pencil, or Carbon Markings
- Holds Intricate Patterns
- Removable Adhesive Makes Cleanup Easier



CAT. NO.	THICKNESS	WIDTH	ROLL LENGTH
SB13006	4 mil	6" (152 mm)	60' (18.3 m)
470K062	4 mil	12" (305 mm)	60' (18.3 m)
SB131524	4 mil	24" (610 mm)	60' (18.3 m)
SB806	8 mil	6" (152 mm)	60' (18.3 m)
SB812	8 mil	12" (305 mm)	60' (18.3 m)
SB818	8 mil	18" (457 mm)	60' (18.3 m)
3491825	8 mil	24" (610 mm)	60' (18.3 m)
3493020	8 mil	30" (762 mm)	60' (18.3 m)
3493036	8 mil	36" (914 mm)	60' (18.3 m)

Minimum order: 1 roll. Sizes up to 54" wide available on special order. Sizes can be combined for quantity pricing.

CRL Glass "Bug" Markings Stamp

- Laminated Safety Glass Identification "Bug"



CAT. NO.	DESCRIPTION
AS1	AS1 Laminated Safety Plate
AS2	AS2 Laminated Safety Glass
SP5	Dry Stamp Pad for Plastic Stamps

Minimum order: 1 each.

CRL White Glass Frosting

- Allows Light to Enter While Obscuring Outside Vision
- Fast Drying Time Between Coats
- Handy 11 Oz (312 g) Aerosol Can





CAT. NO. GF816W
Minimum order is one each

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL 80 Watt Medium-Duty Soldering Iron

MORE CHOICES crlaurence.com

- Specifically Designed for Stained Glass Work
- 900°F (482°C) Tip Temperature
- Complete With 1/4" and 3/8" Chisel-Shaped Tips and Stand



CAT. NO. SPG80
Minimum order is one each



CAT. NO. HT488X
3/8" (9.5 mm) Shank Chisel Tip
Minimum order is one each



CAT. NO. HT266X
1/4" (6.4 mm) Shank Under Cut Tip
Minimum order is one each

CRL Weller® Pro Series Battery Powered Soldering Iron



CAT. NO. P860M
Minimum order is one each

- Perfect for Field Service Repair
- Working Temperature Range of 850° to 950°F (454°C to 510°C) in Under 15 Seconds
- Requires 4 AA Batteries (Not Included)

CRL Solder

- 1 Lb. Coils of 1/8" (3 mm) Diameter Solid Core Material
- Excellent Quality 50/50 or 60/40 Blends



CAT. NO.	DESCRIPTION
2150	50/50 Solder
2160	60/40 Solder

Minimum order: 1 roll.

CRL Disposable Acid Brush



- Natural Horse Hair Bristles
- Applies Acids, Primers, and Soldering Flux
- 6" (152 mm) Overall Length

CAT. NO. 1AB
Minimum order is 24 each

NOTE: Not available in Australia.

CRL Oleic Acid

- Promotes Solder Flow and Adhesion
- Prevents Oxidation



MSDS ONLINE

NO AIR FREIGHT

CAT. NO.	CONTENTS
A777	1 Gallon (3.785 l)

Minimum order: 1 gallon.

CRL LA-CO® Soldering Flux

- Non-Acid
- Formulated for Lead and Copper

MSDS ONLINE



CAT. NO.	CONTENTS
LRFL32	1 Quart (946 ml)
LRFL4	4 Ounce (118 ml)

Minimum order: 1 each.

Weller is a registered trademark of Copper Brands, Inc.
LA-CO is a registered trademark of LA-CO Industries, Inc.

CRL Low-Cost Throw-Away Brushes

- Economical Utility Brushes
- Tapered Bristles
- Four Widths

MORE CHOICES crlaurence.com



CAT. NO.	WIDTH	QTY/BOX
LAB2256	1" (25 mm)	36
LAB2258	2" (51 mm)	36
LAB2260	3" (76 mm)	12
LAB2261	4" (102 mm)	12

Minimum order: 1 each. Sizes can be combined for quantity pricing.

NOTE: Not available in Australia.

CRL Heavy-Duty Dust Pan

- Stamped From Heavy Gauge Steel



CRL Heavy-Duty 16" (406 mm) Dust Pan is a sturdy, one-piece, 20 gauge steel dust pan with corrugated ribs for rigidity and strength. It has a baked black enamel finish with a bevelled edge. Minimum order is one each.

CAT. NO. 2131008

CRL Horse Hair Dusting Brush

- Long Lasting Horse Hair Bristles
- Molded Plastic Handle



NOTE: Not available in Australia.

CAT. NO. LAB40
Minimum order is one each

CRL Glass Chip Brush

- Mechanical Roller Brush Collects Glass Splinters
- Plastic Collection Body Provides a Safe Effective Way to Protect Your Hands



CAT. NO. TG070
Minimum order is one each

CRL Box of Rags

- White Cotton Cloth Provide Excellent All Purpose Wiping
- Available in Both Cut T-Shirts and Thermals for More Absorbency



CAT. NO.	DESCRIPTION
T10520	White T-Shirts - 4 Lb. (1.8 kg) Box
T10500	White Thermals - 4 Lb. (1.8 kg) Box

Minimum order: 1 box.

CRL Micro Fiber Wipes

- Streak Free Cleaning on Windows and Mirrors
- Washable Up to 500 Times
- 16" x 16" (406 mm x 406 mm) Wipes are Packed Two Per Polybag for Resale Display



CAT. NO. MFW2
Minimum order: 1 pack

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

C.R. Laurence Company Machinery Division

MORE INFORMATION crlaurence.com

The Spring of 2008 opened with the joining of two glass industry giants. The acquisition of Sommer & Maca by C.R. Laurence Company added the depth and scale of Sommer & Maca's machinery manufacturing base to the extensive worldwide sales and distribution network established by C.R. Laurence. The close working relationship between the two companies became formal as Sommer & Maca became the Machinery Division of C.R. Laurence Company. Today this powerhouse combination looks to the future of expanding technologies, such as solar production, as well as the ongoing industry need for glass fabrication of all sorts.

Committing to the continuation of the Sommer & Maca Machinery brand, the 90,000 square foot Sommer & Maca manufacturing facility in Cicero, Illinois, a suburb of Chicago, officially became CRL Service Center 17. Along with the state-of-the-art engineering and manufacturing capability, the Cicero facility also acts as the Machine Parts and Technical Services Department for the company. With thousands upon thousands of Somaca machines built and sold around the world since 1921, the CRL commitment to support and service is dedicated and intense.



The most important and valuable asset in the joining of Sommer & Maca to C.R. Laurence is the core of dedicated, experienced professional personnel added to the already deep mix at CRL. Many of the administrative and technical personnel not only have 20 to 30 years or more working in their profession, but also working those years for one company. The combined talents of this group of skilled professionals will keep CRL moving forward to meet the challenges of the future.

Parts and Technical Services Department

An extensive line of machinery requires an equally extensive inventory of parts, as well as a well trained experienced staff to match the correct parts to your machine. The CRL Machinery Division maintains an inventory of nearly 10,000 different parts. Our product line ranges from bolts to motors; casters to conveyor rollers; motor brushes to washing machine brushes, and if we don't have the part you need on the shelf, we will find or fabricate it for you. The CRL Machinery Division Parts and Service Department is backed up by our machine shop, where state-of-the-art equipment and highly trained personnel can quickly turn out any fabricated part. Plus, CRL's distribution system can get parts to you fast, anywhere in the world.





The CRL Machinery Division also maintains a staff of highly experienced expert technicians. Some of this trained group works out of our Cicero, Illinois machinery facility and stand ready to answer technical questions and troubleshoot problems over the phone.

Need parts or service today? Have your machine model and serial number ready and call our experts toll free at (866) 583-1377. Ask for the Parts and Service Department, or fax your request to (866) 584-9722, attention Parts and Service.

Still trying to find the right machine for your needs? Visit **crlaurence.com/glass-machinery** for a full listing of the latest models and used equipment, to request a quote, ask technical questions, or even request a manual for your current machine.

CRL Machinery Quotation Request

- Request Quotations With Your Computer
- Call to Speak With a Machinery Specialist
- Huge Selection to Meet Your Needs

The CRL Machinery Division would be pleased to provide you with a quotation for your next machinery purchase. Whether you are considering expansion or just budgeting for the next business cycle, we offer two methods of securing the needed information:

Go to **crlaurence.com/quotes** Then follow the steps until you reach the form shown here on the right. Fill in all the data you can and fax to (866) 584-9722.

The second method is a good, old-fashioned phone call to (866) 583-1377 to discuss your needs with one of our expert Machinery Specialists.





CRL Machinery Leasing

MORE INFORMATION crlaurence.com

- Many Types Available
- Extended Financing
- Variable Terms





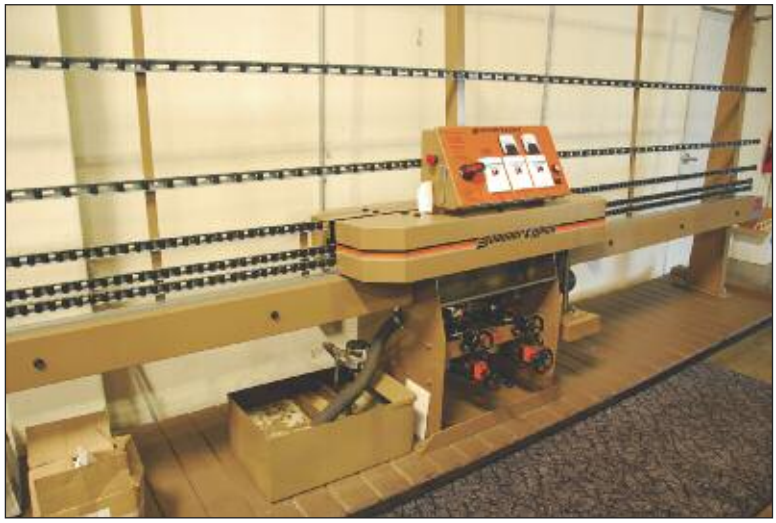


The CRL Machinery Division can connect you with one of the oldest and most respected Specialized Machinery Leasing companies in America to help you with the financing of your capital investment. Leasing is often a tax deductible way to handle your purchase without adversely affecting your bottom line. From Cutting Tables to complete Insulating Glass lines, leasing is available and often preferred to other types of financing. Leasing links are available for many popular CRL machines on our web site at **crlaurence.com/glass-machinery**.

Call our Machinery Sales office at (866) 583-1377 today to see how our Leasing Specialists can help you invest in the future while increasing your bottom line.

CRL Used Machinery Connection

- Unique Web Based Posting Connects You With Other Glass Companies Interested in Upgrading
- Direct Connections – Buyer to Seller



By accessing the Glass Machinery web site at **crlaurence.com/glass-machinery** you can open a posting site for "Used and Reconditioned" machinery. This listing is composed of machines for sale by companies wishing to upgrade to newer or larger machines from the CRL Machinery Division. There are no high pressure "used car" tactics, just one owner speaking to another. You will find here a mix of CRL Machinery as well as competitive machines. Call or e-mail us today to see how easy it is to grow into the realm of automated machinery.

CRL Single Spindle Automatic Glass Edger

• Available for Purchase or Lease

- The Easiest Glass Edger to Set Up and Run
- Up to Six Times Faster Than a Belt Machine
- Produces Flat Edges With Seams, Pencil Edges (Round), and Miter Edges on Glass From 1/8" to 1/2" (3 to 12 mm) Thick
- Edges Glass Up to 66" (1676 mm) Per Minute
- Recirculating Coolant Eliminates Dust
- 110V AC Power
- Spindle Holds Diamond Grinding and Polishing Wheels

CRL GLASS MACHINERY AND SUPPLIES formerly Summers Mach crlaurence.com

IN STOCK READY TO SHIP

VIDEO



One Polish Wheel and One Diamond Wheel Included



One Diamond Wheel on the Single Spindle Edger Will Do the Work of Over 500 106" (2692 mm) Abrasive Belts

CAT. NO. VE1P

CRL Two Spindle Automatic Glass Edger

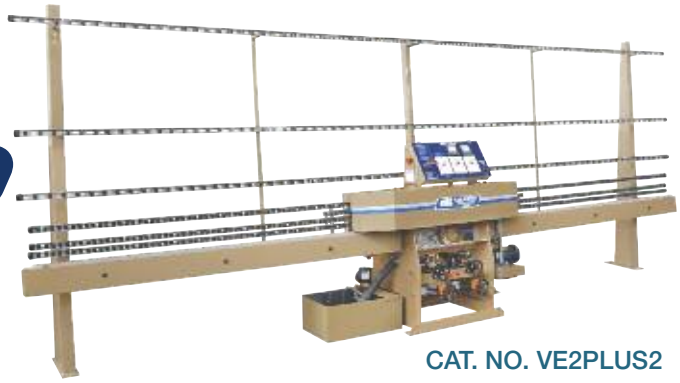
• Available for Purchase or Lease

- Grind and Polish Glass in One Pass
- Save Time and Material Over Belt Machine Edging
- Produces Flat Edges With Seams, Pencil Edges (Round), and Miter Edges on Glass From 1/8" to 1/2" (3 to 12 mm) Thick
- Edges Glass Up to 100" (2540 mm) Per Minute
- Recirculating Coolant Eliminates Dust
- 230 Volt AC, 3 Phase Power

CRL GLASS MACHINERY AND SUPPLIES formerly Summers Mach crlaurence.com

VIDEO

IN STOCK READY TO SHIP



Our Most Popular Edging Machine. Over 600 in Use.
Saves About 90% in Material Costs Over Abrasive Belts.

CAT. NO. VE2PLUS2

MORE INFORMATION crlaurence.com

CRL Five Cup Flat Edger

• Available for Purchase or Lease

- High Polish, Quality Flat and Seam Edges on Glass Up to 1/2" (12 mm) Thick
- Grind and Polish 1/8" to 1/2" (3 to 12 mm) Glass
- Cerium Impregnated Polish Wheel Puts Final High Luster Finish on the Edge
- 230 Volt AC, 3 Phase Power

CRL GLASS MACHINERY AND SUPPLIES formerly Summers Mach crlaurence.com

VIDEO

IN STOCK READY TO SHIP



CAT. NO. SM5C

Visit crlaurence.com/glass-machinery for Complete Information on our Glass Edging Options

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

Diamond Pencil Edge Wheels for the CRL VE1P





CAT. NO.	GRIT	APPLICATION
36443213	140-170	For 1/8" to 1/4" (3 to 6 mm) Glass
36881012	140-170	For 3/16" to 3/8" (5 to 10 mm) Glass
38404909	140-170	For 1/4" to 1/2" (6 to 12 mm) Glass

Minimum order: 1 each. Eligible for CRL Redress Program.

Diamond Pencil Edge Wheels for the CRL VE2PLUS2





CAT. NO.	GRIT	APPLICATION
36443205	170-200	For 1/8" to 1/4" (3 to 6 mm) Glass
36881005	170-200	For 3/16" to 3/8" (5 to 10 mm) Glass
38404900	170-200	For 1/4" to 1/2" (6 to 12 mm) Glass

Minimum order: 1 each. Eligible for CRL Redress Program.

Diamond Flat and Seam Wheels for the CRL VE1P

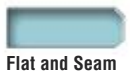




CAT. NO.	GRIT	APPLICATION
38533510	140-170	For 1/8" to 1/4" (3 to 6 mm) Glass
38386909	140-170	For 3/16" to 3/8" (5 to 10 mm) Glass
38517503	140-170	For 1/4" to 1/2" (6 to 12 mm) Glass

Minimum order: 1 each. Eligible for CRL Redress Program.

Diamond Flat and Seam Wheels for the CRL VE2PLUS2





CAT. NO.	GRIT	APPLICATION
38533500	170-200	For 1/8" to 1/4" (3 to 6 mm) Glass
38386900	170-200	For 3/16" to 3/8" (5 to 10 mm) Glass
38517504	170-200	For 1/4" to 1/2" (6 to 12 mm) Glass

Minimum order: 1 each. Eligible for CRL Redress Program.

Orange Polish Wheels for the CRL VE1P

- **Polishes 1/8" to 1/2" (3 to 12 mm) Pencil or Flat and Seam Edge Profiles**



CAT. NO. 39666000
Minimum order is one each

Orange Polish Wheels for the CRL VE2PLUS2



CAT. NO.	GRIT	APPLICATION
39579801	120	For 1/8" to 1/2" (3 to 12 mm) Glass
39579802	120	1-3/16" (30 mm) Double Wide

Minimum order: 1 each.

Flat and Seam Cup Wheels for the CRL SM5C



CAT. NO. 39942002
Position 1



CAT. NO. 39942101
Position 2 & 3



CAT. NO. 39942403
Position 4



CAT. NO. 39942402
Position 5

Minimum order is one each

Coolant Pump for the CRL VE1P

- **110 Volt AC**



CAT. NO. 42500170
Minimum order is one each

Coolant Pumps for the CRL VE2PLUS2

CAT. NO.	DESCRIPTION
42505610	Single Phase Pump (S/N 67934 or lower)
42505613	Three Phase Pump (S/N 67935 or higher)

Minimum order: 1 each.



Pressure Roller and Bearings for the CRL VE1P

CAT. NO.	DESCRIPTION
46300230	4" (102 mm) Pressure Roller
39663102	Lower Pressure Roller Bearings
39663101	Upper Pressure Roller Bearings

Minimum order: 1 each.



Glass Feed Conveyor Belt for the CRL VE2PLUS2

CAT. NO.	DESCRIPTION
43313022	Conveyor Belt - S/N 55800 or higher
43313001	Conveyor Belt - S/N 55737 or lower

Minimum order: 1 each. Order by serial number on Edger.



Wheel Dressing Boards and Sticks

CAT. NO.	THICKNESS	SIZE
46205880	1/4" (6 mm)	8" x 6" (203 x 152 mm)
46205881	3/8" (10 mm)	8" x 6" (203 x 152 mm)
46205882	1/2" (12 mm)	8" x 6" (203 x 152 mm)
46205871	1/4" (6 mm)	7" x 2" (178 x 51 mm)

Minimum order: 1 each.



Blue Synthetic Coolant Powder

Biodegradable, anti-foaming Coolant Powder mixes with water for high lubricity. Inhibits rust and dissipates heat. Mix ratio is 100:1.



CAT. NO.	DESCRIPTION
2651005	1 lb. (.453 kg) Bag of Coolant Powder
DRYC00L40	40 lb. (18 kg) Pail of Coolant Powder

Minimum order: 1 each.

CRL Heavy-Duty Scratch Polisher

MORE INFORMATION crlaurence.com

- Polishes All Types of Glass, From Windshields to Watch Crystals
- Use it Hand Held or Bench Mounted for Added Stability



CAT. NO. YP85



CAT. NO. YPF6X2N
Replacement Wheel
For Current Model Polishers



CAT. NO. YPF6
Replacement Wheel
For Older Polishers

Minimum order is one each

CRL Glass Polisher and Scratch Remover

- Excellent for Manual Bevel Finishing
- Large Felt Wheel is Suitable for Auto Glass Work
- Available for Purchase or Lease

IN STOCK READY TO SHIP

CRL GLASS MACHINERY AND SUPPLIES powered by SUMNER'S crlaurence.com

CAT. NO.	DESCRIPTION
SM37	110V AC 60 Hz Polisher
SM37X230	230V AC 50 Hz Polisher
2605244	Replacement Felt Wheel

Minimum order: 1 each. F.O.B. Your nearest CRL service center. Must ship common carrier.



CRL Makita® Scratch Polishing Kit

- Lightweight, So You Can Work on Windshields Right in the Car
- Remove Light Surface Scratches
- Polish Out Rubs, Fine Lines, Stains, and Discoloration on Mirrors or Glass of Any Kind
- Well Balanced for Smooth Action
- Polishing Head and One Pound (454 g) of Cerum Oxide are Included in the Kit



CAT. NO. CRL9257
Minimum order is one each

Makita is a registered trademark of Makita Corporation.

CRL Cerium Oxide Polishing Compounds

- Premium Cerium Oxide for Fast Stock Removal
- Exceptional Suspension Qualities
- Ideal for Recirculating Slurry Systems
- Contains No Zinc
- Hand or Machine Polishing

SPEC. DATA ONLINE MSDS ONLINE



CAT. NO.	SIZE	RECOMMENDED USE	BAUME
C0301	1 lb. (454 g)	Scratch Repair	3-5
C0305	5 lbs. (2.27 kg)	Scratch Repair	3-5
C0310	10 lbs. (4.54 kg)	Scratch Repair or Machine Slurry	3-5
C0453	44 lbs. (20 kg)	Scratch Repair or Machine Slurry	3-5
C0544	44 lbs. (20 kg)	Machine Slurry	3-5

Minimum order: 1 each.

CRL 3" Polishing Head System

- 1/4" Shank Fits All Drill Motors
- Used for Light Scratch Removal



CAT. NO. 5703
Complete Polishing Head Assembly



CAT. NO. WFD03112
All Wool Felt Wheel



CAT. NO. 5702
Aluminum Adapter and Felt Wheel



CAT. NO. 5704
Shank Adapter

Minimum order is one each

CRL Ground Navajo Pumice

MSDS ONLINE

- High Grade American Pumice Used for Cleaning and Polishing Glass
- Medium Fine Grit Works to Clean Deposits From the Glass
- Extra Fine Grit for Edge Polishing



CAT. NO.	GRADE
2F	Medium Fine
4F	Extra Fine

Minimum order: 10 pounds.

CRL Glass Scratch Removal System

MORE INFORMATION crlaurence.com

- Portable, Stand-Alone System Works On All Types of Glass
- One Step Process Produces Distortion-Free Results
- Integrated Water Feed System
- Non-Abrasive Compound

VIDEO

The CRL Glass Scratch Removal System removes scratches from all types of glass including tempered, annealed, laminated, low-e, mirrors, and even curved glass. You can use this portable system to remove scratches, water scale, acid etching, paint over-spray, and other imperfections quickly and effectively.

CAT. NO.	DESCRIPTION
SRS1	Complete Scratch Removal Kit, 110 volt
SRS1PC	Polishing Compound, .250 kg (0.55 lbs.) 2 jars/pkg.
SRSVPD2	2" (51 mm) Hook-and-Loop Back Polishing Discs, 3/pkg.
SRSVPD3	3" (76 mm) Hook-and-Loop Back Polishing Discs, 3/pkg.
SRSVPD4	4" (102 mm) Hook-and-Loop Back Polishing Discs, 3/pkg.
SRSVPB2	2" (51 mm) Hook-and-Loop Backer Pad
SRSVPB3	3" (76 mm) Hook-and-Loop Backer Pad
SRSVPB4	4" (102 mm) Hook-and-Loop Backer Pad

Minimum order: 1 each.



Kit Contains: A 4500 RPM polisher, a .250 kg (.55 lbs.) jar of polishing compound, one 2" (51 mm) Backer Pad, one package of 2" (51 mm) Polishing Discs, one 3" (76 mm) Backer Pad, one package of 3" (76 mm) Polishing Discs, one Pressurized Water Feed Attachment, one Inspection Light/IR Thermometer, Safety Glasses, two Respirator Masks, one Mixing Container, one Spatula, one Wrench, one Manual Spray Bottle, Ear Plugs, one Cleaning Brush, one detailed Training and Use Manual, and one foam padded lockable Carrying Case.

CRL Scratch-A-Way® Scratch Removal System

VIDEO

- Clean Working System for Light Scratches or Scuff Marks
- Achieves the Perfection of Original Glass
- Repairs Done in Just a Few Minutes
- Reduces the Cost of Reassembling Glass Panels
- Delays are Minimized



CAT. NO.	DESCRIPTION
S965020	110 Volt Scratch-A-Way® Kit
1523	220 Volt Scratch-A-Way® Kit
1523A*	Air Powered Scratch-A-Way® Kit

Minimum order: 1 each. * Model 1523A comes with ten Polishing Discs.



Kit Contains: Tool, Diagnostic Inspection Tool, Five Polishing Discs, *Marking Pen, Chamois, Instructional CD with Manual, and Plastic Case.

CRL Scratch-A-Way® Diagnostic Inspection Tool

- Inspect Depth and Width of Scratches
- Inspect Bevels and Edgework in Post Fabrication Process



The Diagnostic Inspection Tool magnifies the surface image 30 times. The left section of the tool is illuminated so the scratch can be viewed clearly. The rotary wheel adjusts the focus of the viewing area. Minimum order is one each.

CAT. NO. S93085

CRL Scratch-A-Way® Cerium Oxide Discs and Back Up Plates



Discs



Back Up Plates

Cerium Oxide Polishing Discs are 2" (51 mm) in diameter, and have an estimated work life of approximately 20 scratches that are 2" (51 mm) long. Your results may vary.

CAT. NO.	DESCRIPTION
S93054	Cerium Oxide Polishing Disc
S93075	Back Up Plate With Velcro®

Minimum order: 1 each.

Scratch-A-Way is a registered trademark of Duobond International b.v.
Velcro is a registered trademark of Velcro Industries B.V. LLC.

CRL 3M® Trizact® Scratch Removal Starter Kits

- The Best Way to Start Using Trizact® Discs
- Uses Your Hand Held Electric Drill
- Includes Four 3" (76 mm) Disc Pads for Quick Change-Out of Discs

MORE INFORMATION crlaurence.com



Trizact® Starter Kits Include:
- 20 Assorted 3" (76 mm) 3M® Trizact® Abrasive Discs
- Four 3" (76 mm) 3M® Disc Pads
- 1 Pound (454 g) of Cerium Oxide
- Spray Bottle for Water
- 1/4" (6 mm) Shank Drill Adapter
- Plastic Apron
- Full Instructions

CAT. NO.	DESCRIPTION
ZSRPSSKM	3M® Trizact® Starter Kit for Flat Glass
ZSRPSSKS	3M® Trizact® Starter Kit for Curved Glass

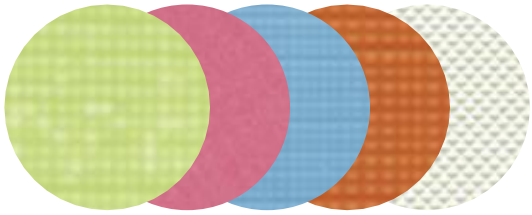
Minimum order: 1 each. NOTE: The Flat Glass Kit comes with 3" (76 mm) Medium Disc Pads whhile the Curved Glass Kit is supplied with 3" (76 mm) Soft Disc Pads to accommodate the curvature of the glass.



3" (76 mm) Disc Pad

Replacement Disc Pads are available, Cat. No. ZDP3P58M for Medium; and Cat. No. ZDP3P58S for Soft

Drill shown is not included



CRL 3M® Trizact® Professional Scratch Removal System

- Powerful Center Water Feed Polisher Works on Light to Heavy Scratches
- Developed for Professionals

The Trizact® Professional Kit Includes:
- 10 Each of the five different grades of 5" (127 mm) 3M® Trizact®Abrasive Discs
- Five Each 5" (127 mm) 3M® Medium Disc Pads Cat. No. 02599
- 115V AC Center Water Feed Polisher With Built-In GFI
- Pressurized Water Delivery System
- 1 Pound (454 g) of Cerium Oxide
- Full Instructions and 3M® Application Guide

CAT. NO.	DESCRIPTION
ZSRPSM	3M® Trizact® Professional System for Flat Glass

Minimum order: 1 each.



CRL 3M® Trizact® Discs

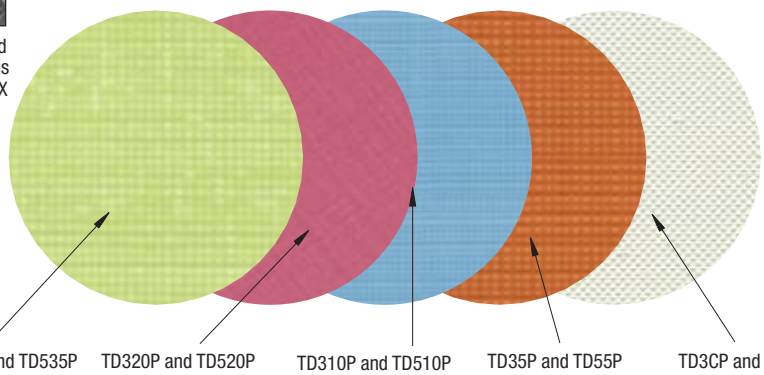
- 3M® Trizact® - A Cleaner, Long-Lasting Abrasive System for Glass Scratch Repair



The precisely structured surface of Trizact® film is clearly visible under 50X magnification

CAT. NO.	GRADE	DESCRIPTION
TD335P	A35	3" (76 mm)
TD320P	A20	3" (76 mm)
TD310P	A10	3" (76 mm)
TD35P	A5	3" (76 mm)
TD3CP	Cerium	3" (76 mm)
TD535P	A35	5" (127 mm)
TD520P	A20	5" (127 mm)
TD510P	A10	5" (127 mm)
TD55P	A5	5" (127 mm)
TD5CP	Cerium	5" (127 mm)

Minimum order: 1 each. All Trizact® Discs can be combined for quantity pricing.



TD335P and TD535P **Removes Larger Scratches and Defects**

TD320P and TD520P **Removes Moderate Scratches and Defects**

TD310P and TD510P **Refines Scratches, Removes Scuffs and Acid Marks**

TD35P and TD55P **Refines Scratches, Removes Defective AR Coatings**

TD3CP and TD5CP **Polishes and Leaves Glass Crystal Clear**

3M and Trizact are registered trademarks of 3M Company Corp.

CRL Glass Washers for Every Application

IN STOCK READY TO SHIP

CRL GLASS MACHINERY AND SUPPLIES formerly Summers & Much crlaurence.com

- Vertical Washers Automatically Adjust for Glass Thickness
- Speeds From 18' (5.5 m) Per Minute With Electronic Speed Adjustment
- Vertical Washers Use Less Floor Space Than a Horizontal Washer
- Clean Glass Up to 3/4" (19 mm) Thick





- Over 60 Years of Experience and 1200 Machines Produced
- Horizontal Washers Have Tops That Tilt for Service
- Stainless Cabin Components Resist Corrosion

MORE INFORMATION crlaurence.com

C.R. Laurence Offers a Complete Line of Horizontal Glass Washers From 12" (305 mm) to 144" (3658 mm) Wide and Vertical Glass Washers That Handle Glass From 4" x 16" (102 x 406 mm) to 120" (3048 mm) Tall

To view full line of CRL Machinery
go to **crlaurence.com/glass-machinery**.

CRL "Low-e" Washing Machine Detergent

MSDS ONLINE

- Self-Adjusting pH to Water Conditioners
- De-Limer to Help Keep the Machine Free of Dirt Build-Up
- Biodegradable and Approved for Use in All Drainage and Septic Systems
- One Gallon Will Treat Over 1000 Gallons (3800 l) of Water



CAT. NO.	CONTENTS
3379046	1 Gallon (3.785 l) Bottle
3379048	55 Gallon (208 l) Drum*

Minimum order: 1 each. *Must ship common carrier.

CRL Glass Washing Machine Detergent

MSDS ONLINE

- Compatible With All Glass Washing Machines
- Will Not Leave a Film
- Biodegradable Concentrated Powder With No Additives





5 Pounds
CAT. NO. 155X



40 Pounds
CAT. NO. 155X40

400 Pounds
CAT. NO. 155X400

CAT. NO.	CONTENTS
155X	5 lbs. (2.2 kg)
155X40	40 lbs. (18.1 kg)
155X400	400 lbs. (181.4 kg)

Minimum order: 1 each. 400 pound drum must ship via common carrier.

CRL Glass Cutting Tables

- Our Most Popular Cutting Tables
- Counterbalanced for Easy Tilting
- Available With Air Float and/or Manual Breaker Bar





VIDEO

IN STOCK READY TO SHIP

CAT. NO. 2402500
Shown

CAT. NO.	TABLE TOP SIZE	MANUAL BREAKER BAR	AIR FLOAT/12 OUTLET (1 HP 1/60/120V)	AIR FLOAT/12 OUTLET (1 HP 1/50/230V)	AIR FLOAT/16 OUTLET (3 HP 3/60/220V)	AIR FLOAT/16 OUTLET (3 HP 3/50/400V)
2402500*	6' x 8' (1.8 x 2.4 m)	--	--	--	--	--
2402510*	8' x 10' (2.4 x 3 m)	--	--	--	--	--
2402513	8' x 10' (2.4 x 3 m)	Included	Included	--	--	--
2402502*	8' x 12' (2.4 x 3.6 m)	--	--	--	--	--
2402503	8' x 12' (2.4 x 3.6 m)	Included	Included	--	--	--
2402509*	9' x 12' (2.7 x 3.6 m)	--	--	--	--	--
2402525	9' x 12' (2.7 x 3.6 m)	Included	--	--	Included	--

Minimum order: 1 each. *Stocked and available from your local CRL service center. All other tables F.O.B. Cicero, Illinois. Other sizes and accessories available upon request.

CRL Hydraulic "Easy-Tilt" Cutting Table

- Measures 9' x 12' (2.7 x 3.6 m)
- Includes "Y" Breaker Bar and Air Flotation
- Fully Carpeted Top Cushions Glass

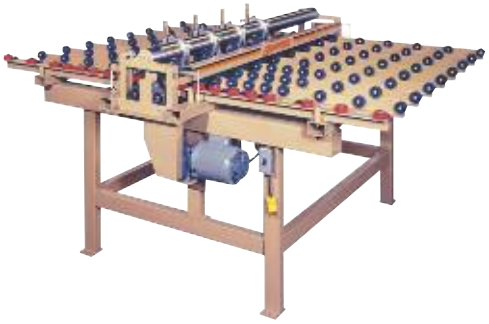


MORE CHOICES crlaurence.com

CAT. NO. 2402522
Minimum order is one each

CRL Stalter Glass Cutting Machine

- Includes Four Split Design Cutting Heads
- Models From 60" to 108" (1.5 to 2.8 m) Capacity
- Available for Purchase or Lease



MORE INFORMATION crlaurence.com

CAT. NO. 46082RB
Shown

CRL Glass Cutting Carpet

- Special Long-Wearing, High-Density Material
- Black Color Exposes Small Fragments
- Abrasive Resistant



CAT. NO.	SIZE
CPT6X8	6' x 8' (1.8 x 2.4 m)
CPT8X10	8' x 10' (2.4 x 3 m)
CPT8X12	8' x 12' (2.4 x 3.6 m)
CPT9X12	9' x 12' (2.7 x 3.6 m)
CPT10X12	10' x 12' (3 x 3.6 m)

Minimum order: 1 each. F.O.B. CRL Service Centers. Must ship common carrier.

CRL Air Float Chamber With Ball for Cutting Tables

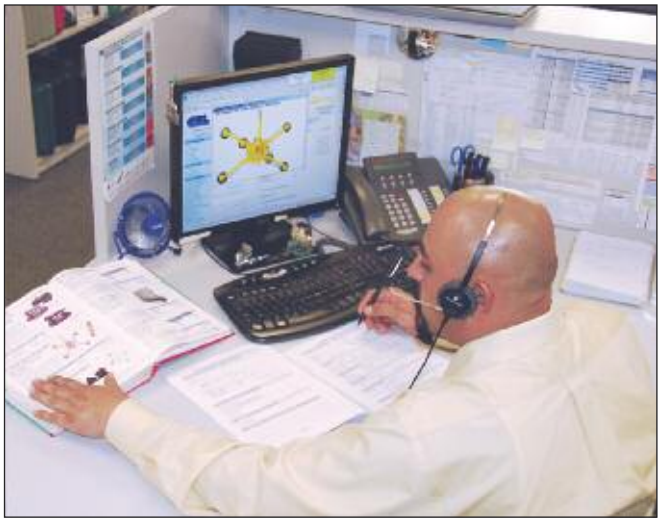
- Replaces Worn or Damaged Units
- Fits 2-7/16" (62 mm) Hole and Hoses With an Inside Diameter of 1-1/2" (38 mm)

NOTE: Fits hoses with an inside diameter of 1-1/2" (38 mm). This unit is an OEM part for all CRL Air Flotation Systems. Visit **crlaurence.com/cutting-tables** for more options.



CAT. NO. AFCB1
Minimum order is one each

Technical Assistance for Choosing the Right Lifting Frame for Heavy Glass Handling



- **CRL's Trained Staff is Ready to Provide Technical Assistance for All Your Glass Lifting and Handling Requirements**
- **Engineering Expertise is Available for Special Lifting Applications**
- **We Have the Answers to All Your Lifting Frame Questions Regarding Load Capacity, Power Requirements, and Load Manipulation**

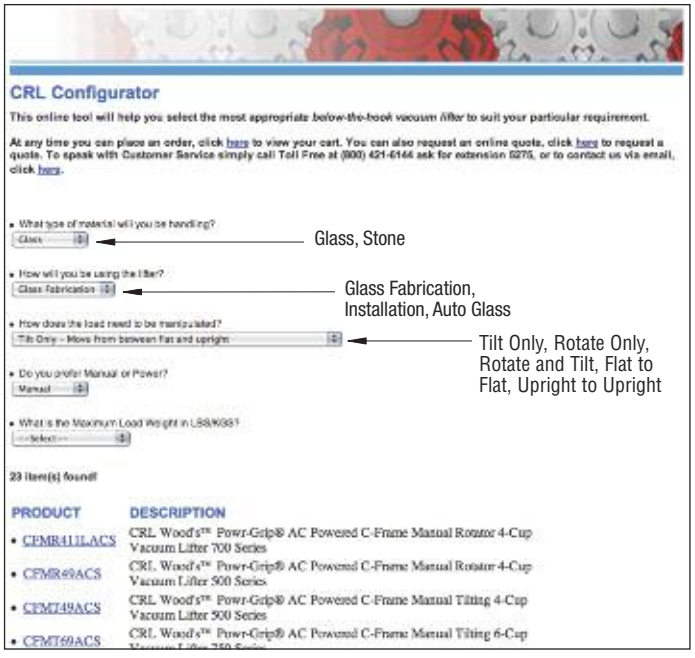
For assistence in choosing the right Lifting Frame for your heavy glass handling project please call our Customer Service Department at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. Ask for extension 5275. You can also send an e-mail to **crlaurence.com/support**.

CRL Online Vacuum Lifter Configurator Programs

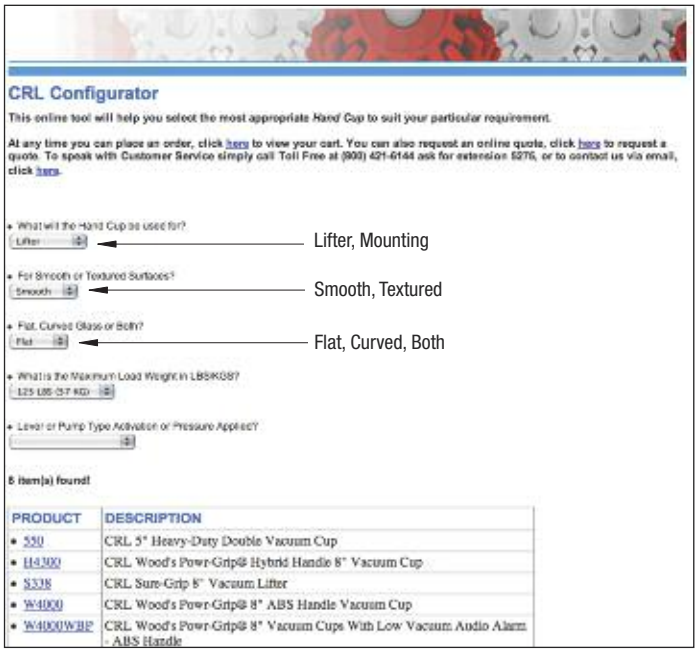
MORE INFORMATION crlaurence.com

- **This Program Helps Determine Which Vacuum Lifting Equipment is Best Suited for Your Needs**
- **Access the Configurator Online at crlaurence.com for Below-the-Hook or Hand Held Vacuum Lifting Products**

CRL Below-The-Hook Vacuum Lifting Frame Configurator (Example)



CRL Hand Held Vacuum Cup Configurator (Example)



CRL Rotating Hand Cup Lifting Frames

- 4 Cup and 6 Cup Options Use Standard CRL Vacuum Lifters
- Edgewise Rotation
- Heavy-Duty Steel Construction
- Three Locking Positions

MORE INFORMATION crlaurence.com

The R0W40 holds four Vacuum Lifters, measures 36" x 24" (915 x 610 mm), and weighs 40 lbs. (18.1 kg). The R0W60 holds six Vacuum Lifters, measures 60" x 24" (1524 x 610 mm), and weighs 80 lbs. (36.3 kg). CRL Vacuum Lifters are sold separately.



CAT. NO. R0W40
500 Pound (227 kg) Capacity



IN STOCK READY TO SHIP

CAT. NO. R0W60
700 Pound (318 kg) Capacity

Minimum order is one each.
Must ship common carrier.



CAT. NO. S110
10" (254 mm)
Vacuum Lifter Sold Separately

CRL Rotating/Tilting Hand Cup Lifting Frames

- 4 Cup and 6 Cup Options Use Standard CRL Vacuum Lifters
- Edgewise Rotation and Tilt
- Heavy-Duty Steel Construction

IN STOCK READY TO SHIP

The R0W40T (Not Shown) holds four Vacuum Lifters, measures 36" x 24" (915 x 610 mm), and weighs 50 lbs. (22.7 kg). The R0W60T holds six Vacuum Lifters, measures 60" x 24" (1524 x 610 mm), and weighs 90 lbs. (40.9 kg). CRL Vacuum Lifters are sold separately.



CAT. NO. R0W60T
700 Pound (318 kg) Capacity

Minimum order is one each.
Must ship common carrier.

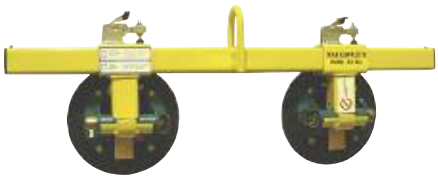


CAT. NO. S110
10" (254 mm)
Vacuum Lifter Sold Separately

CRL Wood's Powr-Grip® Ladder Lifter

VIDEO

- The Fastest, Safest, and Most Efficient Way to Install Above Grade Windows
- Releasing the Winch Handle Automatically Engages the Brake
- Easily Lift 185 Lbs. (84 kg)



NOTE: Use only where the Vacuum Cups can be monitored and re-pumped if necessary. When Ladder Lifter is attached, the ladder may not be used to support workers. Ladders used in conjunction with the Ladder Lifter must have a minimum load capacity of 375 lbs. (170 kg).

CAT. NO.	DESCRIPTION
LL185	Wood's Ladder Lifter Without Vacuum Cups
LL185C	Wood's Ladder Lifter With Two W4950 8" (203 mm) Vacuum Cups

Minimum order: 1 each. CRL Wood's Ladder Lifters are shipped via U.P.S. from your nearest CRL Service Center.

IN STOCK READY TO SHIP



Ladder Sold Separately

Wood's Powr-Grip is a registered trademark of Wood's Powr-Grip Co., Inc.

CRL Wood's Powr-Grip® Vacuum Lifting Frame Rental Program

ALSO AVAILABLE FOR rent

- Not Enough Heavy Glass Lifting to Warrant a Purchase? Why Not Rent?
- Six Models to Choose From With Lifting Capacities of Up to 2,800 Pounds (1270 kg)
- Rent by the Week or Rent With an Option to Purchase

MORE INFORMATION crlaurence.com

CRL offers large Wood's Powr-Grip® Vacuum Lifting Frames on a week-to-week rental basis from six locations in North America, Europe, and Australia. Six styles of Lifting Frames are available to suit most heavy glass lifting requirements. Frames are shipped in enclosed, re-usable shipping crates.

Rental rate time is based on a one week minimum and begins on the day the Lifting Frame arrives at your destination. Rental rate billing ends on the day the Lifting Frame is shipped back to the originating CRL Service Center. Any portion of a week will be billed as a full week. Renting to CRL's open-account customers requires a current balance and available credit to secure the equipment during use. Renting for non-open account customers will require a security deposit. **NOTE:** Customers are responsible for outbound and return common carrier freight charges and any damage caused by improper packing or shipping.

Demand for renting CRL Wood's Vacuum Lifting Frames varies so it's best to contact us as far in advance as possible. For availability and rental rates please contact us at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. Ask for extension 5275. you can also send e-mail to **crlaurence.com/support**.

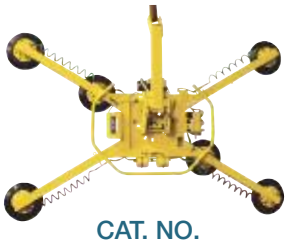
CRL Wood's Powr-Grip® Vacuum Lifting Frames for Rent

- You Can Rent Models to Meet Almost Every Heavy Glass Lifting Requirement
- Inspected by Trained Technicians After Each Rental Return to Certify Reliability
- All Rental Models Can Tilt and Rotate 90 Degrees in Both Directions

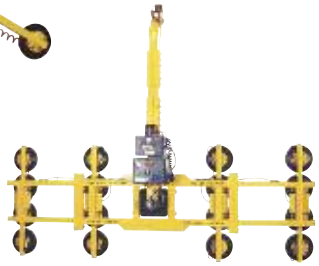
ALSO AVAILABLE FOR rent



CAT. NO. P11104DC
Lifting Capacity: 700 lbs. (317 kg)



CAT. NO. MRTA611LDC
Lifting Capacity: 1,100 lbs. (500 kg)



CAT. NO. MR1611LDC
Lifting Capacity: 2,800 lbs. (1270 kg)



CAT. NO. P2110445DC
Lifting Capacity: 1,400 lbs. (635 kg)



CAT. NO. MRT411LDC
Lifting Capacity: 700 lbs. (317 kg)



CAT. NO. P211047DC
Lifting Capacity: 1,400 lbs. (635 kg)

CRL Wood's Powr-Grip® Lifters in Stock

- Ready to Ship From Your Nearest CRL Service Center





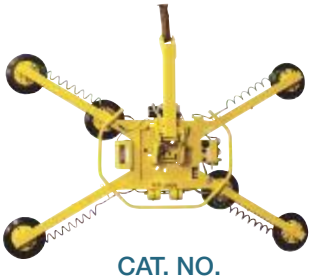
CAT. NO. P11104DC
Capacity: 700 lbs. (317 kg)



CAT. NO. MRT49DC
Capacity: 500 lbs. (225 kg)



CAT. NO. MRT411LDC
Capacity: 700 lbs. (317 kg)



CAT. NO. MRTA611LDC
Capacity: 1,100 lbs. (500 kg)

Wood's Powr-Grip is a registered trademark of Wood's Powr-Grip Co., Inc.

CRL Wood's Powr-Grip® Channel Lifters

IN STOCK READY TO SHIP

ALSO AVAILABLE FOR rent

- **Styles Also Available for Curved and Textured Glass, With AC or Compressed Air Power and for Use in Australia and Europe**

MOST POPULAR 1

Vacuum Pad Spread: 51" x 12" (1295 x 305 mm)
Number/Size Of Vacuum Pads: 4 / 11" (280 mm) diameter lipped vacuum pads
Lifting Capacity: 700 lbs. (317 kg)
On smooth, non-porous surfaces. Call for recommendations on other surfaces.
Average Weight Of Vacuum Lifter: 70 lbs. (32 kg)
Operating Power: 12V DC, 10 amp
Load Movement:
Manual rotation, 180 degrees edgewise, with locking in three positions.
Manual tilt, 90 degrees between upright and flat, with automatic latching in upright position.

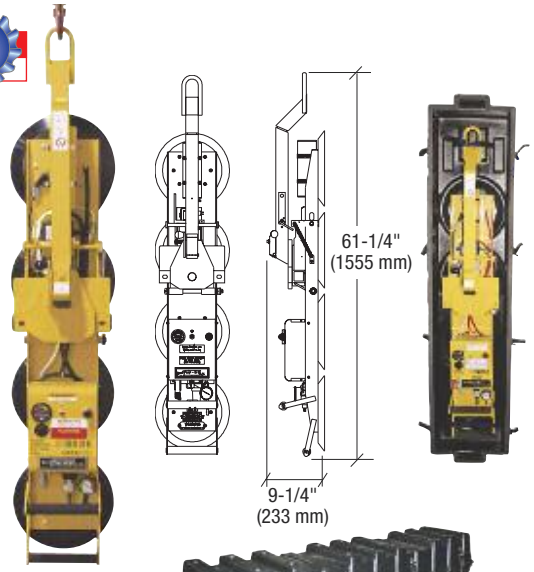
VIDEO

Standard Features:
Onboard Battery and Charger
Battery Energy Gauge
Low Vacuum Warning Light
Vacuum Gauge
Vacuum Line Filter
Vacuum Reserve Tank

MORE MODELS crlaurence.com

Available Options: (Go to **crlaurence.com** for details)
- Dual Vacuum System CAT. NO. E010DVS
- Removable Control Pendant CAT. NO. E09RP
- Remote Control System CAT. NO. E08RC
- Closed Cell Foam Vacuum Pad Rings

Units can be tilted ONLY when the lift bar is locked in the center position, as shown in photos.



CAT. NO. P11104DC
Shown



CAT. NO. 53005
CRL Heavy-Duty Transport Case
Minimum order is one each.

CRL Wood's Powr-Grip® Manual Rotator/Tilter Lifters

IN STOCK READY TO SHIP

ALSO AVAILABLE FOR rent (MRT411LDC)

Standard Pad Spread: Cat. No. MRT49DC:
25-1/4" x 30" (641 x 762 mm) (basic configuration)
45-1/4" x 64-3/4" (1149 x 1645 mm) (extended configuration)
75-1/4" x 12-3/4" (1911 x 324 mm) (linear configuration)
Standard Pad Spread: Cat. No. MRT411LDC:
add 2-3/4" (70 mm) to each dimension listed above.
Number/Size of Pads:
CAT. NO. MRT49DC: 4 / 9" (229 mm) diameter
CAT. NO. MRT411LDC: 4 / 11" (280 mm) diameter lipped
Lifting Capacity:
CAT. NO. MRT49DC: 500 lbs. (225 kg)
CAT. NO. MRT411LDC: 700 lbs. (320 kg)
(On smooth, non-porous surfaces. Please contact us for recommendations on other surfaces.)
Average Unit Weight: 122 lbs. (56 kg)
Standard Operating Power: 12V DC, 10 AMP
Load Movement: Manual rotation, 360 degree edgewise, with locking at each 1/4 point. Manual tilt, 90 degree between upright and flat, with automatic latching in upright position.
Standard Features: (Go to **crlaurence.com** for available options)
Low Vacuum Warning Light
Onboard Battery and Charger
Battery Energy Gauge
Vacuum Gauge
Vacuum Line Filter
Vacuum Reserve Tank
Spring-Mounted Pads
(Re)Movable Pad Mounts
Extension Arms

Wood's Powr-Grip is a registered trademark of Wood's Powr-Grip Co., Inc.



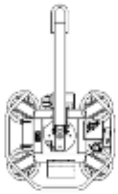
VIDEO



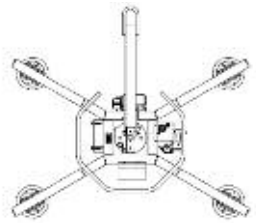
CAT. NO. 53006
CRL Heavy-Duty Transport Case
Minimum order is one each.



Linear Configuration



Basic Configuration



Extended Configuration

CAT. NO.	DESCRIPTION
MRT49DC	500 lbs. (225 Kg) Load Capacity Manual Rotator/Tilter Lifter
MRT411LDC	700 lbs. (320 Kg) Load Capacity Manual Rotator/Tilter Lifter

Minimum order: 1 each. Lifters ship via common carrier from your local CRL Service Center.

TOLL FREE Phone: (800) 421-6144
Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Wood's Powr-Grip® Low Profile Channel Lifters Tilt/Rotator 1100 With Pad Channel

MORE MODELS crlaurence.com

- Low Profile, for Maximum Flexibility in Handling Loads Between Buildings and Scaffolding
- On-Board DC Power and Charger Allows for Use at Remote Sites Lacking AC Power
- Load Capacity 1100 Lbs. (500 Kg)



CAT. NO. MRTALPCH611LDC
Minimum order is one each. F.O.B. Laurel, Montana.

CRL Wood's Powr-Grip® Low-Profile DC Quadra-Tilt Rotator 1100

MORE INFORMATION crlaurence.com

- Low Profile for Maximum Flexibility in Handling Loads Between Buildings and Scaffolding
- Onboard DC Power and Charger
- Rotates, Tilts, and Can be Arranged in Multiple Configurations to Accommodate a Variety of Load Sizes and Shapes
- Load Capacity 1100 Lbs. (500 Kg)



CAT. NO. MRTALP611LDCS
Minimum order is one each. F.O.B. Laurel, Montana.

CRL Wood's Powr-Grip® DC Quadra-Tilt Rotator 1100

ALSO AVAILABLE FOR rent

IN STOCK READY TO SHIP

- Manual Rotation 360 Degrees Edgewise
- Manual Tilt 90 Degrees Between Flat and Upright
- Onboard DC Power and Charger
- Load Capacity 1100 Lbs. (500 Kg)



CAT. NO. MRTA611LDC
Minimum order is one each. F.O.B. CRL Service Center.

CRL Wood's Powr-Grip® P2 Series Channel Lifters

ALSO AVAILABLE FOR rent

- Manual Rotation 180 Degrees Edgewise
- Manual Tilt 90 Degrees Between Upright and Flat
- Automatic Latching in Upright Position
- Onboard DC Power and Charger
- Load Capacity 1400 Lbs. (635 Kg)



CAT. NO. P2110445DC
Minimum order is one each. F.O.B. Laurel, Montana.



CAT. NO. P211047DC
Minimum order is one each. F.O.B. Laurel, Montana.

Wood's Powr-Grip is a registered trademark of Wood's Powr-Grip Co., Inc.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL USALUMINUM

CRL Wood's Powr-Grip® Manual Rotator 2800

• Manual Rotation 360 Degree Edgewise

Standard Pad Spread: Variable
(see Manual Rotator 2800 Pad Configurations online at crlaurence.com)

Number/Size of Pads: Variable / 11" (280 mm) diameter lipped
(see Manual Rotator 2800 Pad Configurations)

Lifting Capacity: Variable (see Manual Rotator 2800 Pad Configurations online at crlaurence.com)

Unit Weight: 685 lbs. (311 kg) maximum

Standard Operating Power: 12V DC, 26 AMP

Standard Charger Input Voltage: 120V AC
(Other voltages available)

Load Movement: Manual rotation, 360 degree edgewise, with locking at each quarter point.

Standard Features:

Onboard Battery and Charger
Battery Energy Gauge
Green Lift Light
Removable Control Pendant
Vacuum Gauge
Vacuum Line Filter
Vacuum Reserve Tank
Removable Lift Bar Extension
Removable Pad Frame Sections
Removable Pad Arms
Spring-mounted Pads
Blow-off for Quick Release

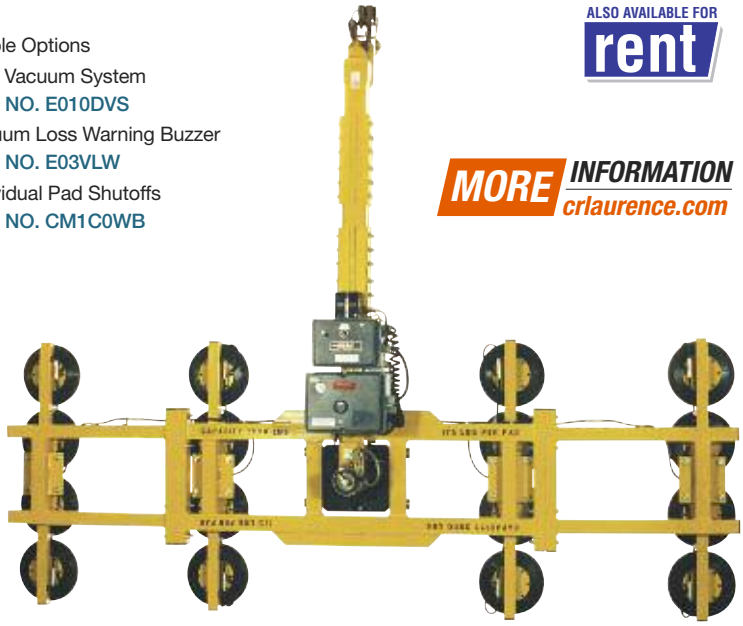
A high-capacity, 360 degree, DC-powered Rotator with multiple pad frame configurations for installation or fabrication applications. Minimum order is one each. F.O.B. Laurel, Montana.

Available Options

- Dual Vacuum System
  CAT. NO. E010DVS
- Vacuum Loss Warning Buzzer
  CAT. NO. E03VLW
- Individual Pad Shutoffs
  CAT. NO. CM1C0WB

ALSO AVAILABLE FOR rent

MORE INFORMATION crlaurence.com

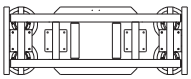


CAT. NO. MR1611LDC

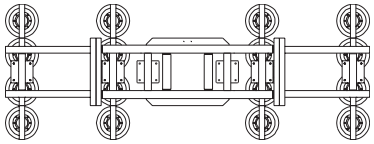
See all CRL Wood's Lifting Frame Options online at crlaurence.com/vacuum-lifters.

Frame Configurations and Capacity Examples for MR1611LDC

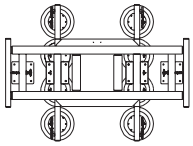
To see more configurations and capacity drawings, log on to crlaurence.com/vacuum-lifters



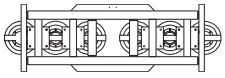
Pad Spread: 24-1/2" x 66" (622 x 1676 mm)
Lifting Capacity: 700 lbs. (320 kg)



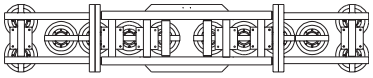
Pad Spread: 49" x 132" (1245 x 3353 mm)
Lifting Capacity: 2800 lbs. (1270 kg)



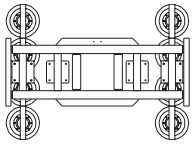
Pad Spread: 49" x 40-3/4" (1245 x 1035 mm)
Lifting Capacity: 1400 lbs. (635 kg)



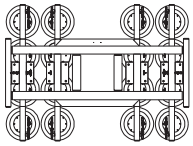
Pad Spread: 12" x 78-1/2" (305 x 1994 mm)
Lifting Capacity: 1050 lbs. (475 kg)



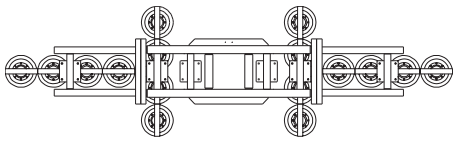
Pad Spread: 24-1/2" x 132" (622 x 3353 mm)
Lifting Capacity: 2100 lbs. (955 kg)



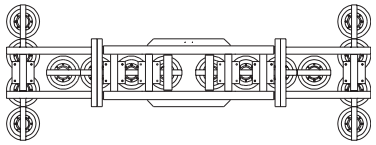
Pad Spread: 49" x 66" (1245 x 1676 mm)
Lifting Capacity: 1400 lbs. (635 kg)



Pad Spread: 49" x 66" (1245 x 1676 mm)
Lifting Capacity: 2800 lbs. (1270 kg)



Pad Spread: 49" x 169" (1245 x 4293 mm)
Lifting Capacity: 2800 lbs. (1270 kg)



Pad Spread: 49" x 132" (1245 x 3353 mm)
Lifting Capacity: 2800 lbs. (1270 kg)

Wood's Powr-Grip is a registered trademark of Wood's Powr-Grip Co., Inc.

CRL Wood's Forklift Adapter

- **Designed For Wood's Manual Rotators and Tilters**

For applications where a forklift is desired, such as installations under eaves and commercial, indoor applications, where using a crane is not possible. Minimum order is one each. F.O.B. Laurel, Montana

Compatible Fork Dimensions: 1-1/2" to 2-1/4" (38 to 57 mm) thick and 4" to 6" (102 to 152 mm) wide
Inside Fork Spread: 4" (102 mm)
Maximum Load Capacity: 700 lbs. (320 kg) when used on **CAT. NO. MRT411LDC***
Maximum Load Thickness: 1" (25 mm) at full capacity.



CAT. NO. LB7FA0

*The forklift must have sufficient capacity for the combined weight of the Lifter and its maximum load when the load is located 8-3/4" (222 mm) outward from the fork tips, or 50-3/4" (1289 mm) outward from the fork stops, whichever places the load at a greater distance from the forklift's front wheels.

CRL Wood's 10" Lifting Frame Vacuum Pad With Closed Cell Pad Ring



For lifting frames with 10" (254 mm) vacuum pads with closed cell foam pad rings. The flexible foam rubber conforms to rough surfaces. Minimum order is one each.

CAT. NO. FRHV11R

CRL Wood's 9" Newer Model Lifting Frame Vacuum Pad



MORE CHOICES
crlaurence.com

For lifting frames with 9" (229 mm) vacuum pads with the letter "L" in their model number. Minimum order is one each.

CAT. NO. VPFS9

CRL Wood's 11" Lifting Frame Vacuum Pad



For all lifting frames with standard 11" (280 mm) vacuum pads. Minimum order is one each.

CAT. NO. G3370

CRL Wood's Lifting Frame Battery



It makes good sense to have a back-up battery when you need it. For use with all 12V DC lifting frames. Minimum order is one each.

CAT. NO. 64664

CRL Wood's Lifting Frame Battery Chargers

CAT. NO.	DESCRIPTION
64702AM	120V AC/12V DC Charger With Cinch Connector
64706AM	240V AC/12V DC Charger With Cinch Connector-Europe
64707AS	240V AC/12V DC Charger With Cinch Connector-Australia

Minimum order: 1 each.



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Sealants, Adhesives, and Fasteners

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Acrylic Caulks
Adhesives
Anchors
Backer Rod
Butyl Architectural Tapes
Butyl Rubber Caulks
Caulking Guns and Tools
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Duct Tapes
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Sponge Rubber Tapes
Transparent Tapes
UV Curing Lamps
Very High Bond Tapes
Water Stain Removers
Wipes and Towels

CRL US ALUMINUM
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These products and more can be found in this catalog section. On the bottom of each page are direct search instructions for viewing them on our web site. You can also enter the catalog number into the search box for a direct link to the product and others in that category. To view other products, click on the link to our Catalog Library found on the web site home page.

Products in this section can also be found in our CRL03 Sealants, Adhesives, and Fasteners Master Catalog, available for viewing, download or order from the Catalog Library at **crlaurence.com/catalogs.**



C.R. Laurence is ISO 9001:2008 Certified

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Stainless Steel Polish and Cleaner SF102
Starter Kits for Insulating Glass SF116-SF120
Stiff Putty Knives SF042-SF043
Stone Countertop Cleaner SF103
Storefront Gaskets SF058
Storm Window and Door Adhesive SF065
Structural Adhesive SF065
Structural Glazing Spacer Tape SF052
Super Spacer® SF121

T
Tapered Wood Shims SF034
Tin Side Detectors SF136
Touch-Up Paint SF114
Transparent and Translucent Tapes SF059-SF060
Tremco® Butyl Architectural Tape SF054
Tremco® Glazing Gaskets SF057
Tremco® Polyurethane Sealant SF016
Tremco® Silicones SF006, SF011
Triangle Points SF045
TruSeal Duralite® SF121
Tube Wax Lubricant SF110
Tuff-Pak Glass Setting Tape SF056
Two-Part Polysulfide Insulating Glass Sealant SF122

U
Universal Roll-In Vinyl SF058
UV Adhesives SF070-SF071
UV Bonding Tools and Supplies SF068-SF076

V
Very-Hi-Bond Tapes SF059-SF060
Vinyl Molding Retention Tape SF079
Vinyl Roller Tools SF057
Vulkem® Polyurethane Sealants SF016

W
Water Clear Silicone Sealant SF005
Water Stain Removers SF100
WD-40® Lubricant SF110
Weatherstrip Adhesives SF064
White Grease Lubricants SF109
Window and Door Mask SF081
Windshield and Trim Securing Tape SF079
Wipes and Towels SF107-SF108
Wood Sash Putty SF040
Wood Shims SF034

Introduction to Sealants

MORE INFORMATION crlaurence.com



In any glazing, waterproofing or sealing project, being fully informed is a major part of being prepared. This usually means a time and labor intensive struggle to gather material from manufacturers of competing products, only then to be faced with too many options.

C.R. Laurence Co. recognizes this, having been heavily involved in the sealants industry for many years, and has brought together the most complete and comprehensive sealant information you will find.

Here you will find information from the major sealant suppliers including; Dow Corning®, General Electric®, Tremco®, and our own **CRL Brand**. We cover a full range of technologies from the original patent silicone to the modern neutral cure system; from high performance polyurethanes to acrylics, butyl and latex caulking compounds, as well as other sealant and adhesive products.

Expert Sealant Assistance

- **All These Technical Articles and More Can be Reviewed at crlaurence.com/sealants-technical**

Choosing the right sealant for the job calls for technical knowledge and professional experience. We offer expert technical assistance on our web site at **crlaurence.com/sealants-technical.** There you will find Sealant Guidelines, Technical Articles and Charts to use for yourself and to give to your newer employees for their training. Some examples are shown below.

CRL is here to help. We employ full time sealant specialists who keep up to date with the ever-changing sealant market.

Guidelines to Good Glazing



Below are important guidelines, you can be assured of sealant installation. If you should guidelines, please feel free to co 421-6144 in the U.S., (877) 421 and ask for Ext. 7720.

Glaze Above 40°F (

It is always a good practice to condensation and frost can cont If you must glaze in cold temper solvent, then wipe dry. Isopropy are soluble in water and may be remove condensation and frost, may be better suited for warm w Weather Caulking" on page N14

Form a Watershed

Gunnable sealants, when app away from the glass. When tape when compressed. Do not unde Minimum cap bead depth should insulating units, a minimum of 1 recommended. Tool and finish th required. Do not use liquid toolin These materials may interfere w aesthetic issues. (See our Techn

CRL Construction Sealant Selector Chart

SEALANT	Primerless Adhesion to These Substrates	Dynamic Joint Movement	Hardness (Shore A)
CRL 33S Acetic Cure Silicone Sealant	Glass, Fiberglass, Plastics, Glazed Ceramic Tile, Porcelain, Painted Surfaces	± 25%	25
CRL WCS1 and WCS5 Water Clear Silicone Sealant	Glass, Fiberglass, Glazed Ceramic Tile, Porcelain, Painted Surfaces	± 25%	30
CRL RTV4408 Neutral Cure Silicone Sealant	Glass, Aluminum, Steel, Plastics, Glazed Ceramic Tile, Porcelain, Painted and Fluoropolymer Surfaces	± 25%	23

Technical Article Cold Weather Caulking

The problem of low temperature work is related to three general situations, which may cause either difficulty in work or bad bonds, and these are:

#1. The substrate may be covered with a film of ice – possibly too thin to be easily visible.

#2. The sealant may be too cold to properly "wet down" to the substrate.

#3. The sealant may be too stiff to gun or tool.

Of these, only the first is a real problem. The last two are solved simply by keeping the sealant at the suggested temperature range of 40° to 80°F (4° to 27°C) prior to use. We suggest that 60° to 80°F (16° to 27°C) is an ideal storage range. There are many mechanical means available for storage and maintenance of temperature.

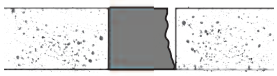
The placement of a curing type sealant at a substrate temperature below 32°F (0°C) is always subject to the problem described in #1 above. If the sealant is cool it may not melt the ice film. Even if it does, the pressure may be gone and the resultant water film may remain intact and act as a barrier until it freezes again. In any event the application of curing sealants to wet substrates is not recommended.

Caulking can be done at low temperatures if proper care is taken to avoid

Why Sealants Fail

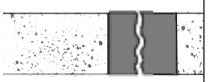
Three Basic Types of Sealant Failure

Adhesive



"Loss of Adhesion" is failure of the sealant to adhere along the bond line of the surface to which it is attached, causing it to break away. Some possible causes are: joint

Cohesive



"Cohesive Failure" occurs when fails to hold together. Cohesive fail the form of splits and tears in both and longitudinal directions. Usual c

CRL Sealant Requirement Estimator Chart

JOINT SIZE Depth x Width	APPROXIMATE Per 1 Gallon Container	APPROXIMATE Per 10.3 Fl. Oz. Cartridge
3/16" x 1/4" (4.8 x 6.3 mm)	411' (125 m)	33' (10 m)
3/16" x 3/8" (4.8 x 9.5 mm)	274' (83 m)	22' (7 m)
3/16" x 1/2" (4.8 x 12.7 mm)	205' (62 m)	16' (5 m)
3/16" x 5/8" (4.8 x 16 mm)	164' (50 m)	13' (4 m)

Limitations of Warranties

All C.R. Laurence Company products and materials are sold subject to the terms and conditions set forth in our publications. All recommendations regarding such products are based on tests and examinations believed to be reliable, but C.R. Laurence Company neither guarantees nor warrants their accuracy or completeness.

It shall be the sole responsibility of the user to determine the suitability of the C.R. Laurence product or material for each intended use, and the user shall assume all risks and liability in connection with the use, or inability to use, the product or material.

To the exclusion of all other remedies, C.R. Laurence Company warrants and agrees to replace, or at its sole option, to refund the purchase price of that portion of any material or product supplied by C.R. Laurence Company, which is proven upon inspection within thirty (30) days of the date of receipt of such product or material, to be defective in material or workmanship. No salesperson, agent, employee or representative of C.R. Laurence Company has any authority to enlarge or change the terms of the warranty. In no event shall C.R. Laurence Company be responsible for any special, indirect, consequential or incidental damages or loss, including, without limitation, loss of profits or revenues, economic losses and loss of use, whether statutory or based on theories of contract or tort. There are no other agreements, express or implied (including any regarding merchantability or fitness for a particular purpose) not specified herein.

Dow Corning is a registered trademark of Dow Corning Corporation

General Electric is a registered trademark of General Electric Company Corporation
Tremco is a registered trademark of Tremco Incorporated

CRL SILICONE SEALANTS

go to:
crlaurence.com/**silicone-sealants**

Silicone Sealants are used in a wide variety of applications. Silicones have excellent resistance to the sun (UV) and weather. They are easy to apply in all temperatures, -35° to 130°F (-37° to 54.4°C), and exhibit very high heat as well as very low temperature stability, -80° to 400°F (-62° to 204°C); provide good adhesion to many substrates, especially glass; have very good joint movement capabilities from ± 25% to ± 50%; come with 10 to 20 year warranties and life expectancy of over 25 years; and good shelf life from one to two years. **NOTE**: Silicone sealants cannot be painted because paint typically beads up when applied to cured silicone.

Special Properties of Silicones

- Excellent UV and Weather Resistance
- Stable Product - One to Two Year Shelf Life
- Long Life Reliability - 10 to 20 Year Warranty
- Excellent Adhesion to Glass
- Remains Flexible and Easy to Apply Over a Wide Range of Temperatures

Typical Applications of Silicones

MORE INFORMATION crlaurence.com

Glazing







Conventional glazing of glass (cap, toe and heel beads); curtainwall sealing (projections, metal-to-metal joints); butt and lap shear joints; solar panels; replacement glazing.

Sealing Glass Butt Joints







Glass butt joints; specialty glass assemblies; partition walls

Structural Glazing



Adheres glass, metal panels, or other cladding components to the building

Shower Enclosures and Tubs



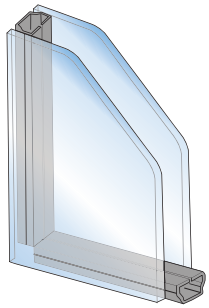




Mildew-resistant silicone for sealing glass-to-glass, glass-to-metal, metal-to-fiberglass joints in frameless showers; tubs; sinks; ceramic tile, cultured marble top to back splash; spas.

Fabricating Insulating Glass





Fabricating Insulating Glass units with silicone and polyisobutylene.

Manufacturing







Numerous applications when used as an adhesive.

CRL 33S Silicone Sealant

- Our Most Popular Sealant is Available in Eight Colors
- Plastic Cartridges With Screw-On Nozzles
- 24 Month Shelf Life
- 10 Year Limited Warranty

SPEC. DATA ONLINE

MSDS ONLINE

LEED®

MORE INFORMATION crlaurence.com



10.3 Fl. Oz. (305 ml);
30 Cartridges Per Case;
1440 Cartridges Per Pallet

CRL 33S Silicone is a high quality sealant that delivers the performance you demand at a competitive price. It is a one component, room temperature curing, acetic cure, 100% silicone elastomer that does not require the addition of activators, stabilizers, or catalysts to achieve optimum performance.

CRL 33S Silicone is especially designed for joining and sealing most non-porous building materials including a variety of structural materials: glass, aluminum, metal alloys, stainless steel, wood, and plastics. It has a wide operating temperature range of -80° to 400°F (-62° to 204°C), and can be applied at outdoor temperatures as low as -35° to 140°F (-37° to 60°C). 33S exhibits strong physical properties: 350 psi Tensile Strength; 120 psi Lap Shear at 1/8" (3 mm) thickness and Tear Strength of 25 ppi. It will seal curtainwall joints, steel and aluminum windows, and skylights. Indoor uses include bathtubs, showers, and sanitary installations (Mildew Resistant Clear, White, Translucent White, and Tan contain a fungicide for cured beads that are mildew resistant).

NSF

Certified by NSF to Standard 51 - Plastic Materials and Components used in Food Equipment

UL Recognized



Technical Data

Meets or exceeds Federal Specifications: TT-S-001543A (COM-NBS) Class A, for silicone building sealants; TT-S-00230C (COM-NBS) Class A, for one-component building sealants; ASTM C-920 for elastomer joint sealants, Type S, Grade NS, Class 25, Use NT, G, A; CAN/CGSB 19.13-M87. CRL 33S meets the requirements of FDA Regulation Number 21 CFR 177.2600 for use in food-related applications, such as walk-in freezers and refrigerated trucks. CRL 33S is Certified by NSF to Standard 51 - Plastic Materials and Components used in Food Equipment. CRL 33S is a "UL Recognized Component". Meets California Air Resources Board 2003 requirements for Volatile Organic Compound (VOC) content.

Limitations

It is not recommended for structural glazing or insulating glass glazing, concrete and stone expansion joints, horizontal decks, patios, driveway or terrace joints where abrasion is possible. Not recommended for use on concrete, marble, limestone, lead coated surfaces, submerged joints (swimming pools and aquariums), plazas, decks, pavements, mirrors, etc. Not suitable for painting. Check cartridge label and Specification Data Sheet online for additional limitations.

Pallet Quantity Buyers Can Save More

By purchasing silicone in pallet quantities of 1440 in one color you can save even more. Contact CRL now for current pricing for larger quantity buyers.

10.3 FL. OZ. (305 ML) CARTRIDGES

CAT. NO.	COLOR
33SC	Clear
33SMRC	*Mildew Resistant Clear
33SAL	Aluminum
33SBL	Black
33SBRZ	Bronze
33ST	*Tan
33SW	*White
33STW	*Translucent White

Minimum order: 1 each. All cartridge sealants can be combined for quantity pricing. *Mildew Resistant Color.

CRL Computerized Custom Color Matching Program for Silicones

- 33S Acetic Cure, RTV408 and 95C Neutral Cure are Available in Custom Colors

CRL 33S Silicone Sealant in Bulk Packaging



4.5 Gallon Pail
(17 Liters)



52 Gallon Drum
(197 Liters)

4.5 GALLON (17 L) PAILS

CAT. NO.	COLOR
33SC5GL	Clear
33SAL5GL	Aluminum
33SBL5GL	Black
33SBRZ5GL	Bronze
33ST5GL	*Tan
33SW5GL	*White
33STW5GL	*Translucent White
33SMRC5GL	*Mildew Resistant Clear

Minimum order: 1 each. 4.5 gallon pails can be combined for quantity pricing. *Mildew Resistant Color.

52 GALLON (197 L) DRUMS

CAT. NO.	COLOR
33SC52GL	Clear
33SAL52GL	Aluminum
33SBL52GL	Black
33SBRZ52GL	Bronze
33ST52GL	*Tan
33SW52GL	*White
33STW52GL	*Translucent White
33SMRC52GL	*Mildew Resistant Clear

Minimum order: 1 each. *Mildew Resistant Color. Drums must ship common carrier.

LEED is a registered trademark of U.S. Green Building Council Corporation
NSF is a registered trademark of NSF International Corporation

CRL Silicone in 3 Fl. Oz. Squeeze Tubes

SPEC. DATA ONLINE

MSDS ONLINE

- **Same Professional Formula as Our 33S Silicone**
- **Great for Small Jobs or Over-the-Counter Sales**

CRL **22C Clear:** Use as either an adhesive or sealant. High tensile strength withstands the effects of even the harshest weather. Repairs household items. **22AL Aluminum:** Use this to repair rain gutters, storm windows, patio doors, and metal awnings. It is an excellent seam sealer for aluminum window joints and mobile home panels. **22BL Black:** Seals and repairs many rubber items in autos. Stops leaks in doors and windows, or trunk lid gaskets. **22W White:** Our mildew-resistant formula caulks bathtubs, sinks, tile, and shower stalls. **55RED:** High-Temp up to 600°F (315°C) Silicone Gasket sealant for resisting high temperature applications and makes in-place seals for so many automotive uses. Resists the effects of heat, regular and synthetic oils, grease, antifreeze, and transmission fluid.



CAT. NO. 22C
Blister carded for resale

CAT. NO.	COLOR	CONTENTS	QTY/CASE
22C	Clear	3 Fl. Oz. (90 ml)	12
22AL	Aluminum	3 Fl. Oz. (90 ml)	12
22BL	Black	3 Fl. Oz. (90 ml)	12
22W	White	3 Fl. Oz. (90 ml)	12
55RED	Red	3 Fl. Oz. (90 ml)	12

Minimum order: 1 each. Colors can be combined for quantity pricing.

CRL Small Tube Dispenser Handle

- **Makes Small Tubes of Sealant or Adhesive Easy to Dispense**



CAT. NO. 710XX006

The Small Tube Dispenser Handle is the fast and easy way to dispense materials (such as silicones and adhesives) from squeeze tubes. It lets you apply just the right amount of pressure for the proper bead size, and since you apply just the right amount of material, there is less mess and clean up. The open back design lets you draw the tube through the handle, so you can get virtually all of the material from the tube, so waste is reduced. Holds all flexible plastic or metal tubes up to 2-1/2" (63.5 mm) wide. Minimum order is one each.

CRL Insulating Glass Silicone Sealant

SPEC. DATA ONLINE

MSDS ONLINE

MORE INFORMATION crlaurence.com

- **Specially Formulated for the Manufacture of Dual Seal Insulating Glass Units**
- **Excellent Glass-to-Glass Adhesion and Resistance to UV Light and Temperature Extremes**

CRL 9542 Insulating Glass Silicone is a single component neutral cure silicone glass sealant specifically designed for producing long lasting insulating glass units when used with a primary seal of Polyisobutylene (PIB) Tape (see page SF123). 9542 contains adhesion promoting additives for excellent glass-to-glass adhesion, and is resistant to ultraviolet light and weather extremes.

Tack-free time is 30 minutes; fully cures 1/8" (3 mm) thickness in 24 hours. Units may be cautiously moved after 24 hours. Full strength is obtained in seven days.



10.3 Fl. Oz. Cartridges;
30 Cartridges Per Case

Technical Data

It meets or exceeds the test requirements of Federal Specification TT-S-001543A (COM-NBS) Class A for silicone building sealants; TT-S-230C (COM-NBS) Class A for one component building sealants; ASTM C-920 for elastomer joint sealants as Type S, Grade NS, Class 25, Use NT, G and A; CAN/CGSB-19.13-M97.

Limitations

Recommended for dual seal units only with Polyisobutylene (PIB) Tape as the primary seal. Check cartridge label and Specification Data Sheet online for additional limitations.

CAT. NO.	COLOR	CONTENTS
9542	Black	10.3 Fl. Oz. (305 ml)
954252GL	Black	52 Gallons (197 l)

Minimum order: 1 each. All cartridge sealants can be combined for quantity pricing. Drums must ship common carrier.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL USALUMINUM

CRL Water Clear Silicone Sealant

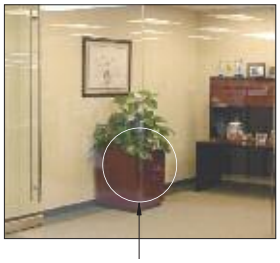
SPEC. DATA ONLINE | MSDS ONLINE | LEED®

- Optically Clear When Cured
- Applications Include Glass Butt Joints, Shower Enclosures, and Specialty Glass Assemblies



10.3 and 5.0 Fl. Oz.
(305 and 148 ml) Cartridges
30 Cartridges Per Case

CRL Water Clear Silicone Sealant is an optically clear acetic cure, 100% silicone sealant. Water Clear Silicone cures quickly with a tack-free time of 5 to 10 minutes. It adheres to clean metal, glass, most types of wood, silicone resin, ceramic, natural and synthetic fiber, and most painted surfaces.





CRL Water Clear

Important Note

Exceptional clarity of product will not hide application or tooling errors. A small amount of bubbles may form during the curing process of the sealant, so considerations should be made up front regarding standards of appearance and subsequent repairs. Not recommended for use in the following applications: Glazing or edge sealing of insulating glass; laminated glass, copper, brass, magnesium, zinc, galvanized surfaces. Water Clear Silicone is not mildew resistant. Check cartridge label and Specification Data Sheet online for additional limitations.

Technical Data

Meets or exceeds the test requirements of Federal Specification TT-S-001543A (COM-NBS) Class A for silicone building sealants; TT-S-230C (COM-NBS) Class A, Non-Sag for one-component building sealants; ASTM C-920 Standard Specifications for Elastomeric Joint Sealants as Type S, Grade NS, Class 25, Use NT, G and A; CAN/CGSB-19.13-M97. Meets California Air Resources Board 2003 requirements for Volatile Organic Compound (VOC) content.

CAT. NO.	CONTENTS	QTY/CASE
WCS1	10.3 Fl. Oz. (305 ml)	30
WCS5	5.0 Fl. Oz. (148 ml)	30

Minimum order: 1 each. All cartridge sealants can be combined for quantity pricing.

CRL Primer for Silicone Sealants

- Promotes Adhesion to Metal, Masonry, and Plastics

SPEC. DATA ONLINE | MSDS ONLINE | NO AIR FREIGHT



CRL S1L2100 Primer promotes adhesion of certain one-part CRL Silicone Sealants to a variety of construction materials such as coated glass, metal, stone, masonry, and plastics. A coverage rate of about 25 square feet (2.3 m^2) per container is recommended on rough or porous substrates.On smooth metal surfaces a coverage rate of 50 square feet (4.6 m^2) per container is possible. Allow the primer to dry for 15 to 60 minutes depending on substrate and weather conditions, and apply the silicone sealant within 8 hours. Check Spec Data for complete application instructions.

CAT. NO.	COLOR	CONTENTS
S1L2100	Clear	8 Fl. Oz (240 ml)

Minimum order: 1 each.

CRL EZ GLAZE Soundstrip

- Simple to Install - No Adhesives Required
- Creates a Seal Between Glass Panels
- Commonly Used for Interior Applications



MORE INFORMATION crlaurence.com

CRL EZ GLAZE Soundstrip is an extruded silicone gasket designed to reduce sound, smoke, and odors through glass-to-glass (butt) joints. Unlike wet glazing with silicone sealants, EZ GLAZE Soundstrip is easy to apply, can be installed from one side of the glass with simple roller tools, cuts easily, and will not bubble like silicone sealants. It will not adversely affect laminated glass. Recommended gap between the lites of glass is 1/4" (6 mm). Rolls are 100' (30.5 m) in length.

CLEAR CAT. NO.	BLACK CAT. NO.	FITS GLASS THICKNESS
EZ14C	EZ14BL	1/4" (6 mm)
EZ38C	EZ38BL	3/8" (10 mm)
EZ12C	EZ12BL	1/2" (12 mm)

Minimum order: 1 roll. Sizes and colors can be combined for quantity pricing.

LEED is a registered trademark of U.S. Green Building Council Corporation

CRL Dow Corning® 999-A Silicone Sealant

• General Purpose Silicone Glazing Sealant

SPEC. DATA ONLINE

MSDS ONLINE

Dow Corning 999-A is a one-part acetic cure silicone sealant that cures in the presence of atmospheric moisture to produce a durable and flexible wet glazing and curtainwall seal. It is designed for conventional glazing of glass and plastic, curtainwall sealing, solar panels, and replacement glazing. 12 cartridges per case.

Limitations

Not intended for structural glazing or for use on masonry. Check cartridge label and Specification Data Sheet online for additional limitations.



10.3 FL. OZ. (305 ML) CARTRIDGES

CAT. NO.	COLOR
999AC	Clear
999AAL	Aluminum
999ABL	Black
999ABRZ	Bronze
999AW	White

Minimum order: 1 each. All cartridge sealants can be combined for quantity pricing.

CRL Dow Corning® Glazing Silicone Sealant

• Excellent Weatherability and UV Resistance

SPEC. DATA ONLINE

MSDS ONLINE

Dow Corning® Glazing Silicone Sealant is a professional quality acetic cure silicone sealant specifically formulated to meet glass shop glazing needs. 12 cartridges per case.

Limitations

Not intended for structural glazing or for use on masonry. Check cartridge label and Specification Data Sheet online for additional limitations.



10.3 FL. OZ. (305 ML) CARTRIDGES

CAT. NO.	COLOR
DC1C	Clear
DC1AL	Aluminum
DC1BL	Black
DC1BRZ	Bronze
DC1W	White

Minimum order: 1 each. All cartridge sealants can be combined for quantity pricing.

CRL GE® 1200 Construction Silicone Sealant

• High Modulus, High Strength Silicone

SPEC. DATA ONLINE

MSDS ONLINE

GE® 1200 is a one-part building and glazing acetic cure silicone sealant that cures to a tough, flexible rubber through the moisture cure process. 24 cartridges per case.

Limitations

GE® 1200 Construction Silicone Sealant is not intended for structural glazing or for use on masonry. Check cartridge label and Specification Data Sheet online for additional limitations.



10.3 FL. OZ. (305 ML) CARTRIDGES

CAT. NO.	COLOR
SCS1201	Clear
SCS1202	White
SCS1203	Black
SCS1209	Aluminum

Minimum order: 1 each. All cartridge sealants can be combined for quantity pricing.

CRL GE® 1000 Contractors Silicone Sealant

• Easy to Use for General Purpose Glazing

SPEC. DATA ONLINE

MSDS ONLINE

GE® 1000 is a one-part acetic cure silicone sealant designed for general purpose glazing and curtainwall sealing applications where long-term reliability is required. 24 cartridges per case.

Limitations

Not intended for structural glazing or for use on masonry. Check cartridge label and Specification Data Sheet online for additional limitations.



10.3 FL. OZ. (305 ML) CARTRIDGES

CAT. NO.	COLOR
SCS1001	Clear
SCS1002	White
SCS1003	Black
SCS1009	Aluminum

Minimum order: 1 each. All cartridge sealants can be combined for quantity pricing.

CRL Tremco® Tremsil® 200 Silicone Sealant

• Produces a Long-Life, Weathertight Seal

SPEC. DATA ONLINE

MSDS ONLINE

Tremco® Tremsil® 200 is a one-part, acetic cure silicone sealant. Tremsil® 200 cures to a flexible rubber when exposed to moisture present in the air. 30 cartridges per case.

Limitations

Not intended for structural glazing or for use on masonry. Check cartridge label and Specification Data Sheet online for additional limitations.



10.3 FL. OZ. (305 ML) CARTRIDGES

CAT. NO.	COLOR
9718004	Clear

Minimum order: 1 each. All cartridge sealants can be combined for quantity pricing.

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GE is a registered trademark of General Electric Company Corporation
Tremco and Tremsil are registered trademarks of Tremco Incorporated

MORE INFORMATION crlaurence.com

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL CLEAR GLASS JOINT STRIPS

go to:
crlaurence.com/joint-strips

CRL Clear Copolymer Strips

NEW!

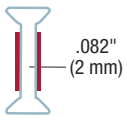
- Sleek Appearance
- 120" (3.05 m) Lengths
- Dimensional Drawings at crlaurence.com
- Safe With Laminated Glass
- Pre-Applied Clear Adhesive Tape

MORE INFORMATION crlaurence.com

180 Degree Joint



- A Clear Slimline Finish Between Two Glass Panels

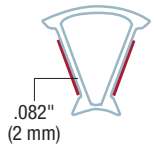


CAT. NO.	GLASS THICKNESS
EZCC88	5/16" (8 mm) Laminated Glass
EZCC10	3/8" (10 mm) Tempered Glass
EZCC108	3/8" (10.8 mm) Laminated Glass
EZCC12	1/2" (12 mm) Tempered Glass
EZCC128	1/2" (12.8 mm) Laminated Glass

135 Degree Joint



- A Connecting Joint Between Fixed Panels at 135 Degrees

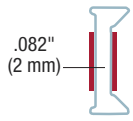


CAT. NO.	GLASS THICKNESS
EZCA10	3/8" (10 mm) Tempered Glass
EZCA108	3/8" (10.8 mm) Laminated Glass
EZCA12	1/2" (12 mm) Tempered Glass
EZCA128	1/2" (12.8 mm) Laminated Glass

Abutment Joint



- For Use Between Glass Panels at 90 Degrees

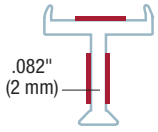


CAT. NO.	GLASS THICKNESS
EZCE10	3/8" (10 mm) Tempered Glass
EZCE108	3/8" (10.8 mm) Laminated Glass
EZCE12	1/2" (12 mm) Tempered Glass
EZCE128	1/2" (12.8 mm) Laminated Glass

3-Way Joint



- For a Connection Between Three Glass Panels at 90 Degrees

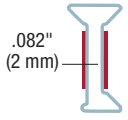


CAT. NO.	GLASS THICKNESS
EZCT10	3/8" (10 mm) Tempered Glass
EZCT108	3/8" (10.8 mm) Laminated Glass
EZCT12	1/2" (12 mm) Tempered Glass
EZCT128	1/2" (12.8 mm) Laminated Glass

90 Degree Corner Joint



- For Corners at 90 Degrees



CAT. NO.	GLASS THICKNESS
EZCL10	3/8" (10 mm) Tempered Glass
EZCL108	3/8" (10.8 mm) Laminated Glass
EZCL12	1/2" (12 mm) Tempered Glass
EZCL128	1/2" (12.8 mm) Laminated Glass

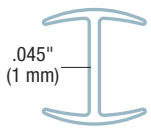
CRL Clip-On Clear Copolymer Strips

NEW!

- Clips Over the Glass Joint
- 120" (3.05 m) Lengths
- Dimensional Drawings at crlaurence.com
- Safe With Laminated Glass
- Pre-Applied Clear Adhesive Tape On Select Models

180 Degree Joint

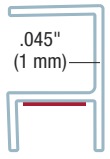




CAT. NO.	GLASS THICKNESS
CL0N10	3/8" (10 mm) Tempered Glass
CL0N108	3/8" (10.8 mm) Laminated Glass
CL0N12	1/2" (12 mm) Tempered Glass
CL0N128	1/2" (12.8 mm) Laminated Glass

90 Degree Joint

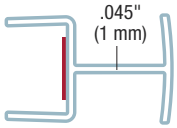




CAT. NO.	GLASS THICKNESS
CL0N210	3/8" (10 mm) Tempered Glass
CL0N2108	3/8" (10.8 mm) Laminated Glass
CL0N212	1/2" (12 mm) Tempered Glass
CL0N2128	1/2" (12.8 mm) Laminated Glass

3-Way Joint

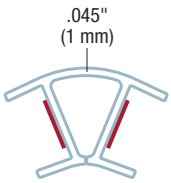




CAT. NO.	GLASS THICKNESS
CL0N310	3/8" (10 mm) Tempered Glass
CL0N3108	3/8" (10.8 mm) Laminated Glass
CL0N312	1/2" (12 mm) Tempered Glass
CL0N3128	1/2" (12.8 mm) Laminated Glass

135 Degree Joint





CAT. NO.	GLASS THICKNESS
CL0N410	3/8" (10 mm) Tempered Glass
CL0N4108	3/8" (10.8 mm) Laminated Glass
CL0N412	1/2" (12 mm) Tempered Glass
CL0N4128	1/2" (12.8 mm) Laminated Glass

Minimum order: 5 each of one size and shape. All shapes can be combined for quantity pricing. Must ship common carrier.

TOLL FREE Phone: (800) 421-6144
Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL RTV408 Industrial and Construction Silicone

SPEC. DATA ONLINE | MSDS ONLINE | LEED®

- Low Odor, Non-Acetic Cure Formula Available in Eight Colors
- Excellent Adhesion to Most Surfaces
- Easy Gunnability and Tooling
- AAMA Approved
- 20 Year Limited Warranty



10.3 Fl. Oz. (305 ml);
30 Cartridges Per Case;
1440 Cartridges Per Pallet



MORE INFORMATION crlaurence.com

CRL RTV408 Silicone is a neutral cure, medium modulus, 100% Silicone Sealant that cures to a tough, flexible rubber when exposed to moisture. RTV408 features primerless adhesion to: aluminum, stainless steel, chromium, tin, iron, plastics, rigid PVC, phenolic resin, glass, ceramic, and most reflective-coated glasses.

Its fast cure time and easy tooling make it ideal for many in-house production applications; and it is non-corrosive to most building materials such as glass (including insulating glass), tiles, and sanitary equipment. CRL RTV408 seals curtainwall joints; vinyl, steel and aluminum windows; and skylights. It is also used in vehicles, ships, aircraft, as well as for electrical insulation. CRL RTV408 does not cause corrosion in contact with metals. It is suitable for alkaline materials such as mortar and cement, and other applications where metal corrosion could be a problem. CRL RTV408 stays flexible and is resistant to cracking or becoming brittle in a wide range of temperatures approximately -65° to 400°F (-54° to 204°C). It can be applied at outdoor temperatures as low as -20°F (-29°C), provided that surfaces are clean, dry and frost-free, or on surfaces as high as 100°F (38°C). RTV408W and RTV408T contain a fungicide, and the cured sealant is mildew resistant.

Technical Data

Meets or exceeds Federal Specifications: TT-S-001543A (COM-NBS) Class A, for silicone building sealants; TT-S-00230C (COM-NBS) Class A, for one-component silicone sealants; ASTM C-920 for elastomeric joint sealants, Type S, Grade NS, Class 25, Use NT, G, A and O; CAN/CGSB 19.13-M87. AAMA 802.3-92 Type I, 802.3-92 Type 2, 805.2-94 and 808.3-92. Meets California Air Resources Board 2003 requirements for Volatile Organic Compound (VOC) content. Qualifies for LEED® (Leadership in Energy and Environmental Design) Green Building Rating System™ credit.

Limitations

RTV408 is not recommended for concrete and stone expansion joints; horizontal decks, patios, driveway or terrace joints where abrasion or physical abuse is encountered; sealing submerged joints, particularly where porous surfaces permit water infiltration to the bond surface; interior or exterior structural sealing below the waterline in marine applications; structural glazing; food contact or potable water applications; mirriors. Check cartridge label and Specification Data Sheet online for additional limitations.

Pallet Quantity Buyers Can Save More

By purchasing silicone in pallet quantities of 1440 in one color you can save even more. Contract CRL now for current pricing for larger quantity buyers.

10.3 FL. OZ. (305 ML) CARTRIDGES

CAT. NO.	COLOR
RTV408C	Clear
RTV408W	*White
RTV408AL	Aluminum
RTV408BL	Black
RTV408BRZ	Bronze
RTV408BGE	Beige (Almond)
RTV408T	*Tan
RTV408DT	Dark Tan

Minimum order: 1 each. All cartridge sealants can be combined for quantity pricing. *Mildew Resistant Color.

CRL Computerized Custom Color Matching Program for Silicones

- 33S Acetic Cure, RTV408, and 95C Neutral Cure are Available in Custom Colors

CRL RTV408 Silicone Sealant in Bulk Packaging



4.5 Gallon Pail
(17 Liters)



48 Gallon Drum
(181 Liters)

4.5 GALLON (17 L) PAILS

CAT. NO.	COLOR
RTV408C5GL	Clear
RTV408AL5GL	Aluminum
RTV408BL5GL	Black
RTV408BRZ5GL	Bronze
RTV408T5GL	*Tan
RTV408W5GL	*White
RTV408BGE5GL	Beige (Almond)

Minimum order: 1 each. 4.5 gallon pails can be combined for quantity pricing. *Mildew Resistant Color.

48 GALLON (181 L) DRUMS

CAT. NO.	COLOR
RTV408C48GL	Clear
RTV408AL48GL	Aluminum
RTV408BL48GL	Black
RTV408BRZ48GL	Bronze
RTV408T48GL	*Tan
RTV408W48GL	*White
RTV408BGE48GL	Beige (Almond)

Minimum order: 1 each. *Mildew Resistant Color. Drums must ship via common carrier.

LEED is a registered trademark of U.S. Green Building Council Corporation

CRL 95C Silicone Building Sealant

SPEC. DATA ONLINE | MSDS ONLINE | LEED®

- Excellent Primerless Adhesion to Most Common Construction Substrates
- ± 50% Joint Width Movement
- AAMA Approved
- 20 Year Limited Warranty

MORE INFORMATION crlaurence.com



10.3 Fl. Oz. (305 ml);
30 Cartridges Per Case;
1440 Cartridges Per Pallet



CRL 95C Silicone is a one-part, medium modulus, neutral cure, 100% silicone formulation that cures to a durable and flexible silicone rubber building joint seal. It can accommodate ± 50% joint movement in properly designed joints.

It is designed for sealing expansion and control joints in precast concrete panels and metal curtainwalls; non-structural glazing of glass, metal, and plastic, as well as waterproofing applications, including perimeter sealing of doors and windows. CRL 95C forms a durable, flexible watertight bond with most building materials in any combination of glass, ceramics, plastics, stone, masonry, wood, steel, anodized and mill-finished aluminum, and painted surfaces. In most cases no primer is required. CRL 95C is compatible with all laminated glass, insulating glass units, and acrylic or polycarbonate glazing sheets. CRL 95C can be used as a weather seal for insulating glass units produced with any type of sealant, including two-part silicones, polysulfides, polyurethanes, and butyls. CRL 95C can be applied at outdoor temperatures as low as -20°F (-29°C), provided that surfaces are clean, dry and frost-free, or on surfaces as high as 130°F (54°C). Cured sealant will perform at cold temperatures down to -80°F (-62°C) or at high temperatures up to 350°F (177°C).

Technical Data

It meets or exceeds Federal Specifications: TT-S-001543A (COM-NBS) for silicone building sealants Class A; TT-S-00230C (COM-NBS) for one-component building sealants as Class A, Type II; ASTM C-920 Standard Specification for Elastomer Joint Sealants as Type S, Grade NS, Class 50, Use NT, G, A, M and O; CAN/CGSB 19.13-M87. 95CBL (black) meets all of AAMA 802.3-92 (Type I and II), 805.2-94 (Group C), and 808.3-92. Meets California Air Resources Board 2003 requirements for Volatile Organic Compound (VOC) content. Qualifies for LEED® (Leadership in Energy and Environmental Design) Green Building Rating System™ credit.

Limitations

CRL 95C should not be used for structural glazing; sealing horizontal decks, patios, driveways or terrace joints where abrasion or physical abuse is encountered; sealing submerged joints; or for exterior or interior sealing below the waterline in marine applications. Neutral cure sealant curing by-products may cause stress cracking or surface crazing of polycarbonate sheet under certain conditions. Test application before use. Check cartridge label and Specification Data Sheet online for additional limitations.

Pallet Quantity Buyers Can Save More

By purchasing silicone in pallet quantities of 1440 in one color you can save even more. Contract CRL now for current pricing for larger quantity buyers.

10.3 FL. OZ. (305 ML) CARTRIDGES

CAT. NO.	COLOR
95CBL	Black
95CDBRZ	Dark Bronze
95CGRY	Gray
95CL	Limestone
95CW	Precast White
95CWHT	White

Minimum order: 1 each. All cartridge sealants can be combined for quantity pricing. *Mildew Resistant Color.

CRL Computerized Custom Color Matching Program for Silicones

- 33S Acetic Cure, RTV408, and 95C Neutral Cure are Available in Custom Colors

CRL 95C Silicone Sealant in Bulk Packaging



2 Gallon Pail
(7.5 Liters)



4.5 Gallon Pail
(17 Liters)

2 GALLON (7.5 L) PAILS

CAT. NO.	COLOR
95C2GLWHT	White
95C2GLW	Precast White
95C2GLBL	Black
95C2GLDBRZ	Dark Bronze
95C2GLGRY	Gray
95C2GLL	Limestone

Minimum order: 1 each. 2 gallon pails can be combined for quantity pricing.

4.5 GALLON (17 L) PAILS

CAT. NO.	COLOR
95C5GLWHT	White
95C5GLW	Precast White
95C5GLBL	Black

Minimum order: 1 each. 4.5 gallon pails can be combined for quantity pricing.

LEED is a registered trademark of U.S. Green Building Council Corporation

CRL Dow Corning® 795 Silicone Building Sealant

SPEC. DATA ONLINE

MSDS ONLINE

- ± 50% Joint Width Movement
- Structural and Non-Structural Glazing of Glass, Metals, and Plastics



10.3 Fl. Oz. (305 ml);
12 Cartridges Per Case

Dow Corning® 795 is a one-part, medium modulus, neutral cure silicone formulation.

Use for structural and non-structural glazing of glass, metal, and plastic; adhering stiffeners to building panels; weatherproofing applications, including perimeter sealing of doors and windows.

Limitations

Check cartridge label and Specification Data Sheet online for additional limitations.

10.3 FL. OZ. (305 ML) CARTRIDGES

CAT. NO.	COLOR
795BL	Black
795BRZ	Bronze
795GRY	Gray
795L	Limestone
795W	White

Minimum order: 1 each. All cartridge sealants can be combined for quantity pricing.

CRL Dow Corning® 995 Silicone Structural Adhesive

SPEC. DATA ONLINE

MSDS ONLINE

- Designed Specifically for Structural and Protective Glazing



10.3 Fl. Oz. (305 ml);
12 Cartridges Per Case

Dow Corning® 995 is a one-component, self-priming, shelf stable, neutral cure, elastomeric adhesive specifically formulated for silicone structural glazing.

Structural applications require prior testing and written print review by Dow Corning®. Dow 995 is also the approved adhesive component of the unique 3M® Ultraflex Window System which incorporates 3M® Scotchshield Ultra Safety and Security Window Film as a new dimension in window film technology for property and personal protection against crime, violent weather, explosions, earthquakes, and accidents.

Limitations

Check cartridge label and Specification Data Sheet online for additional limitations.

10.3 FL. OZ. (305 ML) CARTRIDGES

CAT. NO.	COLOR
995BL	Black
995W	White

Minimum order: 1 each. All cartridge sealants can be combined for quantity pricing.

CRL GE® SilPruf® Silicone Sealant

SPEC. DATA ONLINE

MSDS ONLINE

- Weatherproofing Sealant for Building Joints

MORE INFORMATION crlaurence.com



10.1 Fl. Oz. (299 ml);
24 Cartridges Per Case

GE® SilPruf® Silicone Sealant is a one-part, neutral cure sealant for use in most common weatherproofing applications on a wide variety of materials.

Limitations

Structural glazing applications require that GE® Silicones give written approval of the use of GE® SilPruf® Silicone Sealant for each building project. Check cartridge label and Specification Data Sheet online for additional limitations.

10.1 FL. OZ. (299 ML) CARTRIDGES

CAT. NO.	COLOR
SCS2003	Black
SCS2004	Limestone
SCS2009	Aluminum
SCS2020	Precast White
SCS2097	Bronze

Minimum order: 1 each. All cartridge sealants can be combined for quantity pricing.

CRL GE® SilGlaze® II Silicone Sealant

SPEC. DATA ONLINE

MSDS ONLINE

- Ideal for Weathersealing Window Perimeters



10.1 Fl. Oz. (299 ml);
24 Cartridges Per Case

GE® SilGlaze® II Silicone Sealant is a one-part, neutral curing, medium modulus sealant that can be used for field glazing, window installations, and general purpose sealing applications.

Limitations

It should not be used for the following applications: structural glazing applications; aquariums; continuous water immersion applications; for applications where FDA or USDA compliance is required; in glass butt joints or other glazing applications where small bubbles which can develop during cure may be objectionable. Check cartridge label and Specification Data Sheet online for additional limitations.

10.1 FL. OZ. (299 ML) CARTRIDGES

CAT. NO.	COLOR
SCS2801	Clear
SCS2802	White
SCS2803	Black
SCS2897	Bronze

Minimum order: 1 each. All cartridge sealants can be combined for quantity pricing.

Dow Corning is a registered trademark of Dow Corning Corporation.
GE, SilPruf, and SilGlaze are registered trademarks of General Electric Company Corporation.

CRL GE® UltraGlaze® Silicone Structural Glazing Sealant

SPEC. DATA ONLINE

MSDS ONLINE

- Primerless Adhesion to Most Substrates



10.1 Fl. Oz. (299 ml);
24 Cartridges Per Case

GE® UltraGlaze® is a one-component, high strength neutral cure sealant specially designed and tested for structurally glazed curtainwall applications.

Specific substrate testing is required on all structurally glazed projects. UltraGlaze® is compatible with insulating glass sealants, has low odor, a long tooling time, and is non-corrosive. This material can also be used as the weatherseal in glass-to-glass butt joints.

Limitations

Structural glazing applications require that GE® Silicones give written approval of the use of UltraGlaze® SSG4000 sealant for each building project. Check cartridge label and Specification Data Sheet online for additional limitations.

10.1 FL. OZ. (299 ML) CARTRIDGES

CAT. NO.	COLOR
SSG4000	Black

Minimum order: 1 each. All cartridge sealants can be combined for quantity pricing.

CRL Tremco® Spectrem® 2 Silicone Sealant

SPEC. DATA ONLINE

MSDS ONLINE

- High Performance in Demanding Applications



10.1 Fl. Oz. (300 ml);
30 Cartridges Per Case

Tremco® Spectrem® 2 Silicone Sealant is a medium modulus, one-part, high performance, neutral cure sealant ideal for a variety of caulking and glazing applications.

Limitations

All structural glazing applications must be reviewed and approved by Tremco Technical Service prior to the application of Spectrem® 2. Check cartridge label and Specification Data Sheet online for additional limitations.

10.1 FL. OZ. (300 ML) CARTRIDGES

CAT. NO.	COLOR
947802	Black
947806	White
947852	Gray
947878	Anodized Aluminum

Minimum order: 1 each. All cartridge sealants can be combined for quantity pricing.

CRL Tremco® Tremsil 600 Silicone Sealant

SPEC. DATA ONLINE

MSDS ONLINE

- Excellent Primerless Adhesion to Metal, Glass, Plastic, Rigid PVC, and Painted Surfaces



10.1 Fl. Oz. (300 ml);
30 Cartridges Per Case

CRL Tremco® Tremsil 600 Silicone Sealant is a one-part, medium modulus, neutral cure sealant.

An excellent sealant for glazing of low rise residential windows. Tremsil 600 has excellent adhesion to aluminum, stainless steel, metals, glass, plastics, rigid P.V.C.'s, wood, brick, concrete, and painted surfaces.

Limitations

Check cartridge label and Specification Data Sheet online for limitations.

10.1 FL. OZ. (300 ML) CARTRIDGES

CAT. NO.	COLOR
944800	Clear
944806	White

Minimum order: 1 each. All cartridge sealants can be combined for quantity pricing.

CRL Sealants for Australia and Europe

CRL Australia

crlaurence.com.au

MORE CHOICES crlaurence.com.au



CRL Europe

crlaurence.eu

MORE CHOICES crlaurence.eu



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Tremco, Spectrum, and Tremsil are registered trademarks of Tremco Incorporated.

TOLL FREE Phone: (800) 421-6144
Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Special Properties of Construction Sealants

MORE INFORMATION crlaurence.com

- Excellent Adhesion to Many Surfaces
- Lower Cost Than Construction Silicones
- Paintable
- Water-Based Available for Easy Clean Up
- Not Used for Structural Glazing

CRL Construction Sealants include Polyurethanes, Acrylic Latex with Silicone, and Butyl Rubber sealants. Polyurethanes are high performance sealants because of their joint movement capability of ± 25% and higher. Because of their higher joint movement capability they can be used in many of the same applications as silicones (perimeter caulking around windows and doors, but not to glass), and typically at less cost. Polyurethanes offer excellent bonding to many surfaces and are paintable.

Acrylic Latex with Silicone caulks are water-based, making them easy to clean up. They are used mainly in residential and light commercial construction applications for both interior and exterior work because of their lower movement capability. They typically are paintable after only a short time.

Butyl Rubber Sealants have excellent adhesion to most substrates and exhibit excellent weathering, but because of their limited movement capability they are used in many low movement applications, like lap seams of metal panels, and concealed window frame joints. Butyl Rubber Sealants are also paintable after full cure.

CRL Typical Applications of Construction Sealants

Perimeter Caulking



Construction Polyurethanes for metal-to-concrete/brick storefronts, and residential vinyl window perimeter sealing.

Weatherproofing



Construction Polyurethanes for concrete-to-concrete expansion joints in tilt-ups, and other masonry joints.

Interior Caulking





Acrylic Latex Caulk with Silicone for interior gaps around window frames and baseboards; seals around tubs, sinks, back splashes, and toilets.

Metal Panels



Butyl Rubber Caulk for between metal building panels, aluminum siding, flashing, gutters, and other hidden areas.

CRL M66 Polyurethane Construction Sealant

LEED®

SPEC. DATA ONLINE

MSDS ONLINE

- Grainy Textured Finish
- Primerless Adhesion on Most Common Construction Surfaces Including KYNAR® Coated Metals
- AAMA Approved
- VOC Compliant - Only 9 g/L
- UV Resistant/Non-Yellowing



10.1 Fl. Oz. (300 ml);
30 Cartridges Per Case;
1440 Cartridges Per Pallet

MORE INFORMATION crlaurence.com

Basic Uses

CRL M66 Modified Polyurethane Construction Sealant is specially formulated to outperform traditional VOC solvent polyurethanes for sealing moving joints in concrete, masonry, metal, and other basic perimeter joint applications. Ideal for all joints between framing (door and window) and the building structure in both storefront and curtain wall applications to secure a watertight installation. This advanced polymer formula offers excellent adhesion to fluoropolymer paint coatings for metal surfaces including KYNAR®, Duranar®, and Duranar® Sunstorm® Coatings, as well as standard metal, aluminum, steel, galvanized steel, plastics, vinyl, glass, wood, concrete, brass, and other common building substrates.

Features

Exceptional adhesion to KYNAR® coated metals. VOC Compliant – only 9 g/L (Chemically curing < 3%). Eco-Friendly Product – Solvent-Free, Isocyanate-Free, VOC Compliant, Qualifies for LEED Credit for Section EQ (Indoor Environmental Air Quality).Low temperature gunning and application above 0°F (18°C). Service temperature of -75°F to 300°F (-59°C to 149°C). Permanently Flexible – Will not get hard with age like traditional polyurethanes. Remains flexible in low temperatures. Fast Cure - Skins over in 30 minutes and continues to cure at a rate of 1/8 inch (3 mm) depth per day. Tooling time – approximately 20-40 minutes, depending on temperature and humidity. Paintable – Can be painted in only two hours with water-based paints. UV Resistant – Will not turn yellow from exposure to the sun.

Technical Data

CRL M66 conforms to and passes: Federal Specification TT-S-00230C, Type II, Class A. ASTM C920-98, Type S, Grade NS, Class 25, Use NT, M, T, A, G, and O. ASTM C510, ASTM C639, ASTM C661, ASTM C679, ASTM C717, ASTM C719, ASTM C793, ASTM C794, ASTM C1183, ASTM C1193, ASTM C1246, ASTM D412, ASTM D624, and ASTM G155. CAN/CGSB-19, 13-M87, Type MCG-2-25-A-N, QPL # 81026. AAMA 808.3-92 Exterior Perimeter, AAMA 802.3-92 Type II Ductile Back Bedding Compound. USDA approved for use in meat and poultry areas. Meets California Air Resources Board 2003 requirements for Volatile Organic Compound (VOC) content. Qualifies for LEED® (Leadership in Energy and Environmental Design) Green Building Rating System™ credit.

- Cost-Saving Sausage Packs

20.3 Fl. Oz. (600 ml);
15 Sausages Per Case;
990 Sausages Per Pallet



CRL M66 is also available in cost-saving sausage packs for sausage loading guns, such as our GA1205 (manual) or WG6100620 (air). Bulk sausage packing means less waste and better economy per use, so you get the same great quality with less expense.

Limitations

Do not apply over damp or contaminated surfaces. Use with adequate ventilation. Not recommended for surfaces with special protective or cosmetic coatings without prior consultation of the manufacturer. Should not be applied to mirrors or unpredictable absorptive surfaces such as marble, limestone or granite unless a standard of appearance has been agreed on as a result of testing for stain and/or discoloration. Check cartridge label and Specification Data Sheet online for additional limitations.

M66 (GRAINY TEXTURED) CARTRIDGES	30 PER CASE
CAT. NO.	COLOR
M660FW	White
M66AL	Aluminum
M66BL	Black
M66BRZ	Bronze
M66MBRZ	Medium Bronze
M66GRY	Gray
M66L	Limestone
M66T	Tan
M66RW	Redwood

Minimum order: 1 each. Cartridges and sausages can be combined for quantity pricing.

M66 (GRAINY TEXTURED) SAUSAGES	15 PER CASE
CAT. NO.	COLOR
M66S0FW	White
M66SBRZ	Bronze
M66SGRY	Gray

Minimum order: 15 each. Cartridges and sausages can be combined for quantity pricing.

KYNAR is a registered trademark of Arkema, Inc.
Duranar and Sunstorm are registered trademarks of PPG Industries Ohio Inc.
LEED is a registered trademark of U.S. Green Building Council Corporation.

CRL M64 Polyurethane Construction Sealant

LEED®

SPEC. DATA ONLINE

MSDS ONLINE

- Smooth Finish
- Primerless Adhesion on Most Common Construction Surfaces Including KYNAR® Coated Metals
- AAMA Approved
- VOC Compliant - Only 9 g/L
- UV Resistant/Non-Yellowing

MORE INFORMATION crlaurence.com



10.1 Fl. Oz. (300 ml);
30 Cartridges Per Case;
1440 Cartridges Per Pallet

- Cost-Saving Sausage Packs

20.3 Fl. Oz. (600 ml);
15 Sausages Per Case;
990 Sausages Per Pallet



Basic Uses

CRL M64 Modified Polyurethane Construction Sealant is specially formulated to outperform traditional VOC solvent polyurethanes for sealing moving joints in concrete, masonry, metal, and other basic perimeter joint applications. Ideal for all joints between framing (door and window) and the building structure in both storefront and curtain wall applications to secure a watertight installation. This advanced polymer formula offers excellent adhesion to fluoropolymer paint coatings for metal surfaces including KYNAR®, Duranar®, and Duranar® Sunstorm® Coatings, as well as standard metal, aluminum, steel, galvanized steel, plastics, vinyl, glass, wood, concrete, brass, and other common building substrates.

Features

Exceptional adhesion to KYNAR® coated metals. VOC Compliant – only 9 g/L (Chemically curing < 3%). Eco-Friendly Product – Solvent-Free, Isocyanate-Free, VOC Compliant, Qualifies for LEED Credit for Section EQ (Indoor Environmental Air Quality).Low temperature gunning and application above 0°F (18°C). Service temperature of -75°F to 300°F (-59°C to 149°C). Permanently Flexible – Will not get hard with age like traditional polyurethanes. Remains flexible in low temperatures. Fast Cure - Skins over in 30 minutes and continues to cure at a rate of 1/8 inch (3 mm) depth per day. Tooling time – approximately 20-40 minutes, depending on temperature and humidity. Paintable – Can be painted in only two hours with water-based paints. UV Resistant – Will not turn yellow from exposure to the sun.

Technical Data

CRL M64 conforms to and passes: Federal Specification TT-S-00230C, Type II, Class A. ASTM C920-98, Type S, Grade NS, Class 25, Use NT, M, T, A, G, and O. ASTM C510, ASTM C639, ASTM C661, ASTM C679, ASTM C717, ASTM C719, ASTM C793, ASTM C794, ASTM C1183, ASTM C1193, ASTM C1246, ASTM D412, ASTM D624, and ASTM G155. CAN/CGSB-19, 13-M87, Type MCG-2-25-A-N, QPL # 81026. AAMA 808.3-92 Exterior Perimeter, AAMA 802.3-92 Type II Ductile Back Bedding Compound. USDA approved for use in meat and poultry areas. Meets California Air Resources Board 2003 requirements for Volatile Organic Compound (VOC) content. Qualifies for LEED® (Leadership in Energy and Environmental Design) Green Building Rating System™ credit.

Limitations

Do not apply over damp or contaminated surfaces. Use with adequate ventilation. Not recommended for surfaces with special protective or cosmetic coatings without prior consultation of the manufacturer. Should not be applied to mirrors or unpredictable absorptive surfaces such as marble, limestone or granite unless a standard of appearance has been agreed on as a result of testing for stain and/or discoloration. Check cartridge label and Specification Data Sheet online for additional limitations.

M64 (SMOOTH) CARTRIDGES	30 PER CASE
CAT. NO.	COLOR
M640FW	White
M64BL	Black
M64BRZ	Bronze
M64GRY	Gray
M64L	Limestone
M64T	Tan

Minimum order: 1 each. Cartridges and sausages can be combined for quantity pricing.

M64 (SMOOTH) SAUSAGES	15 PER CASE
CAT. NO.	COLOR
M64S0FW	White
M64SBRZ	Bronze
M64SGRY	Gray
M64SALM	Almond

Minimum order: 15 each. Cartridges and sausages can be combined for quantity pricing.

KYNAR is a registered trademark of Arkema, Inc.
Duranar and Sunstorm are registered trademarks of PPG Industries Ohio Inc.
LEED is a registered trademark of U.S. Green Building Council Corporation

CRL M65W PermaWhite Polythane Construction Sealant

LEED®

SPEC. DATA ONLINE

MSDS ONLINE

- Advanced, Non-Yellowing, One-Part Smooth Finish Formula
- Primerless Adhesion on Most Common Construction Surfaces
- Low Odor
- No Isocyanates and Low VOC's

MORE INFORMATION crlaurence.com



10.1 Fl. Oz. (300 ml);
30 Cartridges Per Case;
1440 Cartridges Per Pallet

Description

CRL M65W is a high performance, medium modulus, fast curing, paintable, one-component, moisture curing modified polyurethane sealant with advanced non-yellowing formula and a smooth finish appearance. Contains no isocyanates and low VOC. Low odor for interior or exterior applications. M65's fast cure time allows painting in just two hours.

Basic Uses

CRL M65W is ideal for door and window frame perimeters. Specifically developed for sealing dynamically moving joints, such as expansion and control joints, precast concrete panel joints, curtainwall joints, perimeter caulking (masonry, windows, doors, skylights, panels), bedding of mullions, panels, and frames. It is compatible with insulating glass sealants when glazing units and applied as a toe or heel bead. Reduced fluid migration, or exudation, allows applications with new self-cleaning glass. M65W exhibits tenacious adhesion, which will not dissipate with time, to prepainted metals, plywood, glass, aluminum, steel, fiber cement, SMC, RIM, FRP, vinyl, and many plastics and composites. Capable of ± 25% joint movement in a well-designed joint. This unique weather-resistant formulation possesses a balanced adhesive strength, medium modulus, and high recovery, making it ideal to withstand the following adverse conditions common to such installations: moisture, movement, shear, and deflection. Best of all, it is non-yellowing and non-staining.

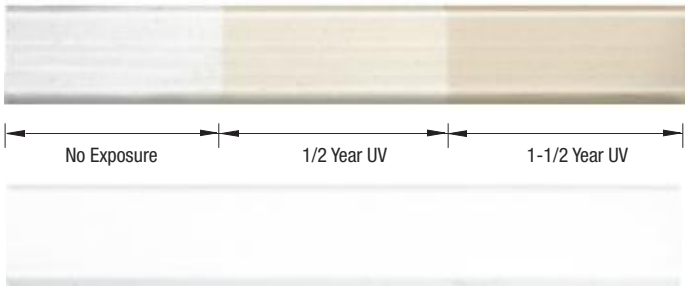
Technical Data

Conforms to U.S. Federal Specification TT-S-00230C, Type II, Class A; ASTM C 920-98, Type S, Grade NS, Class 25, Use NT, M, A, G, and O; CAN/CGSB 19.13-M87; USDA Approved. Meets California Air Resources Board 2003 requirements for Volatile Organic Compound (VOC) content. Qualifies for LEED® (Leadership in Energy and Environmental Design) Green Building Rating System™ credit.

LEED is a registered trademark of U.S. Green Building Council Corporation

UV EXPOSURE COMPARISON

Standard White Polyurethane



M65W PermaWhite Polythane

Limitations

Not recommended for structural glazing, sealing horizontal decks, patios, driveway or terrace joints where abrasion is possible, food contact, potable water applications, sealing below the waterline in marine applications, or mirrors. Do not apply over damp or contaminated surfaces. Use with adequate ventilation. Not recommended for surfaces with special protective or cosmetic coatings without prior consultation of the manufacturer. Should not be applied to unpredictably absorptive surfaces such as marble, limestone or granite unless a standard of appearance has been agreed on as a result of testing for stain and/or discoloration. Testing prior to painting with oil-based paints is recommended. Check cartridge label and Specification Data Sheet online for additional limitations.

10.1 FL. OZ. (300 ML) CARTRIDGES

CAT. NO.	COLOR
M65W	White

Minimum order: 1 each. All cartridge sealants can be combined for quantity pricing.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL Vulkem® 116 Polyurethane Sealant

SPEC. DATA ONLINE

MSDS ONLINE

- **Primerless Adhesion on Most Common Construction Surfaces**
- **One-Part Grainy Textured Finish**



10.1 Fl. Oz. (300 ml);
30 Cartridges Per Case

CRL Vulkem® 116 Sealant is a one-part moisture curing, gun grade polyurethane sealant. Vulkem® 116 is durable, flexible, and offers excellent performance in moving joints.

Limitations

Do not apply to damp or contaminated surfaces. Not recommended for surfaces with special protective or cosmetic coatings without prior consultation of the manufacturer. Use with adequate ventilation. Check cartridge label and Specification Data Sheet online for additional limitations.

10.1 FL. OZ. (300 ML) CARTRIDGES

CAT. NO.	COLOR
V116W	White
V116BL	Black
V116BRZ	Bronze
V116GRY	Gray
V116L	Limestone
V116T	Tan

Minimum order: 1 each. All cartridge sealants can be combined for quantity pricing.

CRL Vulkem® 45 SSL One-Part Semi Self-Leveling Polyurethane

SPEC. DATA ONLINE

MSDS ONLINE

NO AIR FREIGHT

- **Suitable for Slopes Up to Six Percent**



30 Fl. Oz. (890 ml);
12 Cartridges Per Case

CRL Vulkem® 45 SSL Polyurethane is a one-part moisture curing, low modulus polyurethane sealant especially developed for sealing joints in level and/or slightly sloped surfaces. Exceptional wear and tear resistance in high traffic areas.

Limitations

Do not apply to damp or contaminated surfaces. Use with adequate ventilation. Check cartridge label and Specification Data Sheet online for additional limitations

30 FL. OZ. (890 ML) CARTRIDGES

CAT. NO.	COLOR
445707	Buff
445805	Limestone
445806	White

Minimum order: 1 each. All cartridge sealants can be combined for quantity pricing.

CRL Tremco® Dymonic® FC Polyurethane Sealant

SPEC. DATA ONLINE

MSDS ONLINE

MORE INFORMATION crlaurence.com

- **Fast Skin Time, Less Dirt Pick Up**
- **Regular DyMonic Also Available in Sausage Packs**



10.1 Fl. Oz. (300 ml);
30 Cartridges Per Case

Dymonic® FC features a smooth, consistent surface when cured. It requires no priming when used on most common substrates. Because it skins in only one hour at 70°F (21°C) there is less dirt pick up compared to other polyurethane sealants. Regular DyMonic typical skin time is 16 hours at 70°F (21°C).



Limitations

Do not apply to damp or contaminated surfaces. Some substrates may require priming, such as certain high performance paints and architectural finishes. Check cartridge label and Specification Data Sheet online for additional limitations.

20.3 FL. OZ. (600 ML) SAUSAGES – DYMONIC **15 PER CASE**

CAT. NO.	COLOR
9503564	Bronze
9503485	Black
9503584	Limestone
9503574	Off White
9503504	Aluminum Stone

Minimum order: 15 each. Sausages and cartridges can be combined for quantity pricing.

10.1 FL. OZ. (300 ML) CARTRIDGES – DYMONIC® FC **30 PER CASE**

CAT. NO.	COLOR
960801323	Bronze
960802323	Black
960805323	Limestone
960806323	White
960807323	Buff
960808323	Beige
960824323	Hartford Green
960851323	Aluminum Stone
960878323	Aluminum

Minimum order: 1 each. Cartridges and sausages can be combined for quantity pricing.

Tremco, Vulkem, and Dymonic are registered trademarks of Tremco Incorporated.

CRL 321 Acrylic Latex With Silicone

LEED® SPEC. DATA ONLINE MSDS ONLINE

• Paintable and Easily Cleaned Up With Soap and Water

A premium quality acrylic caulk with silicone, featuring outstanding properties including adhesion, weather resistance, low shrinkage, water clean up, and more. The acrylic base offers outstanding adhesion and resistance to oxidation and ultraviolet rays. The siliconized feature improves the flexibility and adhesion to ceramic and glass substrates. Can be used around window and door frames, for siding and trim work, caulking tubs and sink tops, thresholds and baseboards. It may be used to grout marble and ceramic tile, repair mortar joints, and, under controlled conditions, to bed insulating glass units and storm windows. CRL 321 can be tooled for approximately 30 minutes, and can be painted over after two hours with oil or latex based paints.

MORE INFORMATION crlaurence.com



10.1 Fl. Oz. (300 ml);
30 Cartridges Per Case

Technical Data

Exceeds the requirements of ASTM C-834-00 Standard Specification for Latex Sealing Compounds, ASTM C-920 and TT-S00230C Meets California Air Resources Board 2003 requirements for Volatile Organic Compound (VOC) content.

Limitations

Should not be used in applications that will be immersed in water. Should not be exposed to water or rain for at least 24 hours after applying. Always apply when temperatures are above 40°F (4°C). Protect from freezing until fully cured. Check cartridge label and Specification Data Sheet online for additional limitations.

10.1 FL. OZ. (300 ML) CARTRIDGES

CAT. NO.	COLOR
321W	White
321C	Clear
321ALM	Almond
321BRZ	Bronze
321GRY	Gray

Minimum order: 1 each. All cartridge sealants can be combined for quantity pricing.

CRL15W Premium Grade Acrylic Latex Caulk

LEED® SPEC. DATA ONLINE MSDS ONLINE

• Adheres to All Common Interior Substrates

CRL15W guns with a creamy consistency, and is easily cleaned with soap and water. CRL15W is specially formulated for interior sealing around window frames, door frames, baseboards, moldings, plaster walls, etc. It adheres to plaster, drywall, painted and unpainted wood, masonry, and aluminum. May be painted when a skin has formed, usually after two hours of application for latex paint or 24 hours if using an oil-based paint.



10.1 Fl. Oz. (300 ml);
30 Cartridges Per Case

Technical Data

Meets or exceeds the requirements of ASTM C-834. Meets California Air Resources Board 2003 requirements for Volatile Organic Compound (VOC) contents.

Limitations

Maximum joint dimension is 1/2" x 1/2" (13 x 13 mm). Check cartridge label and Specification Data Sheet online for additional limitations.

10.1 FL. OZ. (300 ML) CARTRIDGES

CAT. NO.	COLOR
CRL15W	White

Minimum order: 1 each. All cartridge sealants can be combined for quantity pricing.

CRL 800 Acrylic Latex With Silicone

LEED® SPEC. DATA ONLINE MSDS ONLINE

• Paintable and Easily Cleaned Up With Soap and Water

A premium quality acrylic caulk with silicone, featuring outstanding properties including adhesion, weather resistance, low shrinkage, water clean up, and more. The acrylic base offers outstanding adhesion and resistance to oxidation and ultraviolet rays. The siliconized feature improves the flexibility where slight to moderate movement is anticipated, and adhesion to ceramic and glass substrates.



10.5 Fl. Oz. (310 ml);
30 Cartridges Per Case

Technical Data

Exceeds the requirements of ASTM C-834-95 Standard Specification for Latex Sealants.

Limitations

The sealant must be protected from water for 24 hours after application; do not caulk on the exterior when rain is imminent. For insulating glass units and storm windows, the windows must be properly weeped or entrapped water could cause reversion. Sealant must be given additional time to fully cure before windows are installed because of the closed-in conditions. Protect from freezing before fully cured. Check cartridge label and Specification Data Sheet online for additional limitations.

10.5 FL. OZ. (310 ML) CARTRIDGES

CAT. NO.	COLOR
800W	White

Minimum order: 1 each. All cartridge sealants can be combined for quantity pricing.

LEED is a registered trademark of U.S. Green Building Council Corporation

CRL 777 Butyl Rubber Sealant

MORE INFORMATION crlaurence.com

SPEC. DATA ONLINE

MSDS ONLINE

NO AIR FREIGHT

• Excellent Adhesion to a Variety of Clean Surfaces

CRL 777 Butyl Rubber is a unique, butyl-based sealant specially formulated using a blend of age resistant polymers to give excellent weathering properties at various temperature extremes. CRL 777 will withstand joint movement of ± 10% without affecting its water-tightness. It also has a special ultraviolet fighting agent for exceptional service life. Recommended for exterior applications, CRL 777 Butyl Rubber Sealant features excellent adhesion to wood, masonry, glass, concrete, some plastics, and metal surfaces. Hidden areas, such as under sill cans, thresholds, and around screw heads are excellent applications. Other areas, such as between metal building panels, wall-mounted air conditioning units, under aluminum siding and gutters are all good applications for proven butyl sealants. Paintable after 24 hours.



11 Fl. Oz. (326 ml);
30 Cartridges Per Case

Technical Data

Meets Federal Specifications TT-S-001657, Type 1, TT-C-1796A, ASTM C 1311, and AAMA 808.3-05; USDA Certified.

Limitations

Not recommended for use in sealing horizontal decks, patios, driveways or terrace joints where abrasion or physical abuse is encountered. Not recommended for use in window glazing applications or hidden joint details, which require a non-skinning, non-hardening sealant. CRL 777 has a solvent based curing system. A slight odor of mineral spirits will be detected during application, which is normal. Do not use where this odor may be objectionable, such as refrigeration units that will be stocked soon after construction. Check cartridge label and Specification Data Sheet online for additional limitations. **NOTE:** All colors are available in bulk packaging.

11 FL. OZ. (326 ML) CARTRIDGES

CAT. NO.	COLOR
777W	White
777BL	Black
777BRZ	Bronze
777GRY	Gray

Minimum order: 1 each. All cartridge sealants can be combined for quantity pricing.

CRL 888 Premium Grade Caulking Compound

SPEC. DATA ONLINE

MSDS ONLINE

NO AIR FREIGHT

• Economical Air and Watertight Seal

CRL 888 Premium Grade Caulking is a general purpose butyl-based sealant suitable for use in joints where economical, maintenance-free, and watertight seals are required. CRL 888 is designed for use in joints measuring 3/8" (9.5 mm) or less in metal, glass, wood, plastic, and concrete. When fully cured it forms an elastic, all-weather resistant seal which bonds to many surfaces. It also withstands temperature changes from -20° to 200°F (-29° to 93°C). It is recommended for caulking exterior and interior construction units, under thresholds and aluminum siding, between metal building panels and truck body joints, and many other areas. Two hour tack free time, it is 90% cured in 21 days. Paintable after 24 hours.



11 Fl. Oz. (326 ml);
30 Cartridges Per Case

Technical Data

Meets Federal Specifications TT-S-001657, TT-C00598C, TT-C-1796A, ASTM C 1085, ASTM C1311, and AAMA 808.3.

Limitations

Not recommended for use in sealing horizontal decks, patios, driveways or terrace joints where abrasion or physical abuse is encountered. Not recommended for use in window glazing applications or hidden joint details, which require a non-skinning, non-hardening sealant. CRL 888 has a solvent based curing system. A slight odor of mineral spirits will be detected during application, which is normal. Do not use where this odor may be objectionable, such as refrigeration units that will be stocked soon after construction. Check cartridge label and Specification Data Sheet online for additional limitations.

11 FL. OZ. (326 ML) CARTRIDGES

CAT. NO.	COLOR
888W	White
888BLBRZ	Black/Bronze
888GRY	Gray

Minimum order: 1 each. All cartridge sealants can be combined for quantity pricing.

CRL PTI 707 Butyl Rubber Sealant

SPEC. DATA ONLINE | MSDS ONLINE | NO AIR FREIGHT

- Non-Skinning, Gunnable Sealant
- Will Not Harden or Lose Flexibility



11 Fl. Oz. (325 ml);
30 Cartridges Per Case

PTI 707 does not harden or lose flexibility, adhesion, or elongation after prolonged exposure to high or low temperatures and ultraviolet light. Joint movement of up to ± 12% will not affect the water-tightness of PTI 707. Recommended for glazing of glass, heel and toe beading, and complete channel bedding. Also recommended for use in metal-to-metal panel seals, perimeter seal around doors, windows and masonry intersections, bedding for mullions, framed openings and coping areas, curtainwall sealants, end dams and splice joints. PTI 707 has excellent adhesion to wood, metal, glass, concrete, and masonry surfaces.

Technical Data

Meets Federal Specifications TT-S-001657, ASTM C-1085, AAMA 808.3 and Canadian Specification 19GPN.

11 FL. OZ. (325 ML) CARTRIDGES

CAT. NO.	COLOR
PT1707BL	Black
PT1707BRZ	Bronze
PT1707GRY	Gray
PT1707W	White

Minimum order: 1 each. All cartridge sealants can be combined for quantity pricing.

CRL ADCO BP-300 Curtainwall and Bedding Sealant

SPEC. DATA ONLINE | MSDS ONLINE | NO AIR FREIGHT

MORE INFORMATION crlaurence.com

- Non-Hardening, Non-Skinning, Permanently Pliable Formula
- Also Used as an Acoustical Sealant



10.3 Fl. Oz. (305 ml);
30 Cartridges Per Case

Use BP-300 to seal metal-to-metal concealed curtainwall joints to exclude air and moisture infiltration. It is also good for use in acoustical sealing applications, or for bedding frames or thresholds. Its permanently pliable formula will not harden, and has excellent resistance to adverse weather conditions.

Technical Data

Meets AAMA 809.2. Effectively increases the Sound Transmission Class (STC) value by as much as 65% by properly sealing partition openings.

10.3 FL. OZ. (305 ML) CARTRIDGES

CAT. NO.	COLOR
BP300BL	Black

Minimum order: 1 each. All cartridge sealants can be combined for quantity pricing.

CRL 3M® Fire Barrier Caulk

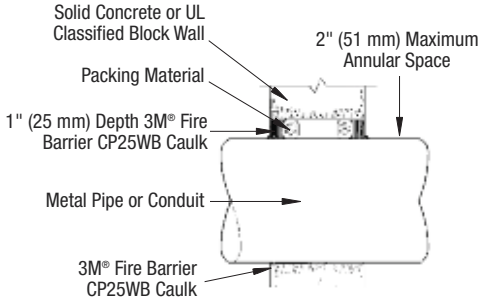
SPEC. DATA ONLINE | MSDS ONLINE

- Most Recognized Brand in Firestopping
- Water-Based and Intumescent (Expands When Heated)
- UL Listed and Meets Building Codes
- Tested Systems Up to Four Hours



10.1 Fl. Oz. (298 ml);
12 Cartridges Per Case

CRL 3M® Fire Barrier Caulk is a water-based, premium, intumescent, latex-based sealant offering outstanding fire performance plus a non-halogen formula. In addition, the unique intumescent property (expanding when heated) means that as cable and pipe insulation is consumed by fire, 3M® Fire Barrier Caulk expands to fill and hold the penetration closed. As little as 1/2" (13 mm) can effectively firestop the opening. Bonds to concrete, metals, wood and cable jacketing. No mixing required. Dries tack-free in approximately 10 to 15 minutes, and is paintable after a 72 hour cure. Only minimal amounts necessary to fill the void.



Technical Data

Approved for use by all three model building codes (Basic/National Building Code-BOCA, Uniform Building Code-ICBO, Standard Building Code-SSBCCI) as reported in the National Research Board Report No. NER-243. ASTM E-119 Fire Tests of Building Construction and Materials, ASTM E-814 Fire Tests of Through-Penetration Fire Stops, UL 1479 Firestops, and Fire Tests of Through Penetration. Both tested and classified by Underwriters Laboratories.

10.1 FL. OZ. (298 ML) CARTRIDGES

CAT. NO.	COLOR
CP25WB	Red

Minimum order: 1 each. All cartridge sealants can be combined for quantity pricing.

PTI is a registered trademark of H.B. Fuller Licensing & Financing, Inc.
ADCO is a registered trademark of ADCO Products, Inc.
3M is a registered trademark of 3M Company.

Caulking Gun Ratios - What Does It Mean? Extra Thrust!

Today's high viscosity sealants have brought about a new age of caulking guns. The question is, what does the term "ratio" really mean? Quite simply, for every pound of pressure being applied by the user, the ratio is a multiplier of pounds of pressure being exerted on the cartridge plunger. For example, the CRL 12:1 Ratio Caulking Gun would provide 12 times the amount of each pound of pressure being applied.

CRL Cox® 12:1 Ratio Chilton Strap Frame Caulking Gun

- **Our Most Popular Model**
- **Holds Standard Caulking Cartridges**



CRL Cox® 12:1 Ratio Chilton Caulking Gun has the smooth operation of a friction rod, plus a large handle and trigger. Perfect for dispensing low to medium viscosity materials. Strap frame rotates to move the nozzle tip where needed.

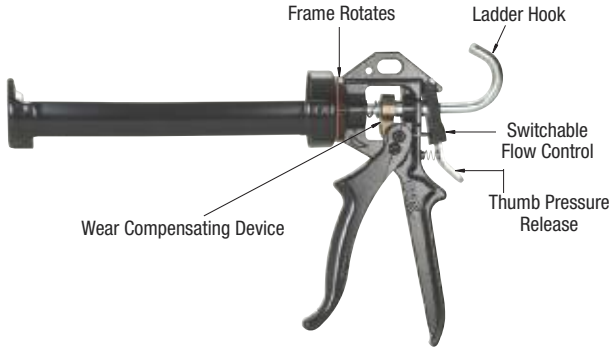
The spring release plunger lets you load and dispense quickly and easily, and releases pressure on the plunger to prevent sealant run-on. A special feature of this gun is the Wear Compensating Device that minimizes wear on the applicator by automatically taking up the slack to provide total trigger action from first use to last. This device will approximately double the life of the gun.

Also features: die cast zinc alloy body, all component replaceable parts, patented catch plate (sintered steel), and built-in ladder hook. Holds all standard size caulking cartridges. Minimum order is one each.

MORE CHOICES crlaurence.com

CAT. NO. WG41004

CRL Cox® 18:1 Ratio Extra Thrust Strap Frame Caulking Gun



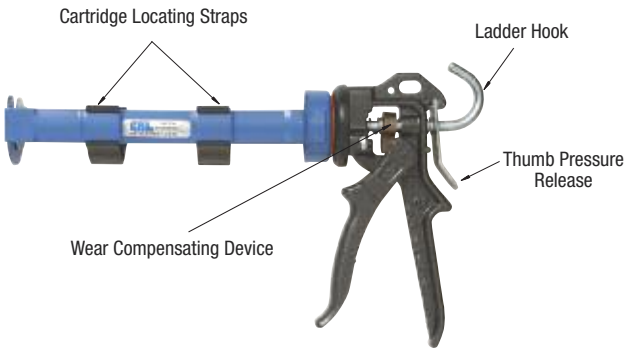
- **Ideal for Cold Weather Use or With High Viscosity Sealants**

This CRL Cox® 18:1 Ratio Extra Thrust Gun has the smooth operation of a friction rod, plus a large handle and trigger. Perfect for dispensing low to high viscosity materials. Strap frame rotates to move the nozzle tip where needed.

The spring release plunger lets you load and dispense quickly and easily, and releases pressure on the plunger to prevent sealant run-on. A special feature of this gun is the Wear Compensating Device that minimizes wear on the applicator by automatically taking up the slack to provide total trigger action from first use to last. This device will approximately double the life of the gun. Also features: die cast zinc alloy body, all component replaceable parts, patented catch plate (sintered steel), and built-in ladder hook. Holds all standard size caulking cartridges. Minimum order is one each.

CAT. NO. WG41004XT

CRL Cox® 26:1 Ratio Ascot Strap Frame Caulking Gun



- **Effortless Dispensing of High Viscosity Sealants**

The CRL 26:1 Ratio Ascot Gun combines case-hardened working parts with a contoured handle and trigger design to make this gun the ultimate for dispensing high viscosity sealants. High-strength strap frame design features improved high-power bulkhead.

Includes new cartridge locating straps for holding slightly smaller diameter European cartridges. The spring release plunger lets you load and dispense quickly and easily, and releases pressure on the plunger to prevent sealant run-on. Same special Wear Compensating Device as WG41004 Gun. Also features: die cast zinc alloy body, all component replaceable parts, patented catch plate (sintered steel), and built-in ladder hook. Holds all standard size caulking cartridges. Minimum order is one each.

CAT. NO. WG410042T

Cox is a registered trademark of PC Cox Limited Corporation.

Caulking Guns can be combined for quantity pricing.

CRL 26:1 Ratio Strap Frame Caulking Gun

- A Good Choice for Use With Medium to High Viscosity Materials
- Ideal for Cold Weather Use and Auto Windshield Urethane Adhesives

This CRL Heavy Duty 26:1 Ratio Gun has the smooth operation of a friction rod and the mechanical advantage to dispense high viscosity sealants, such as auto urethanes or construction sealants, even during cold weather. The strap frame rotates to move the nozzle tip where needed. The spring release plunger lets you load and dispense quickly and easily. The thumb-activated instant pressure release button prevents sealant run-on. Includes a built-in ladder hook. Twelve guns per case. Minimum order is one each.

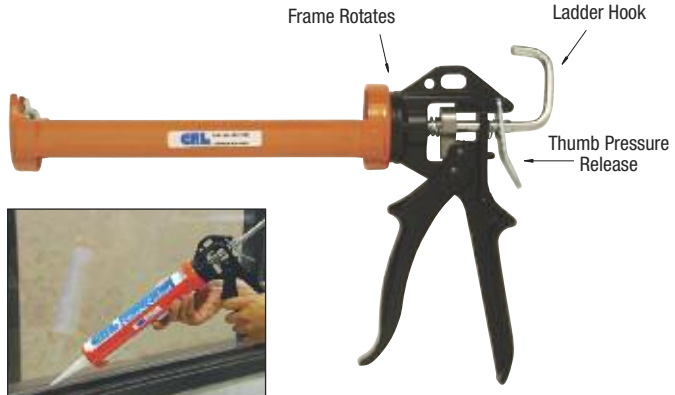


CAT. NO. AB26

CRL 12:1 Ratio Strap Frame Caulking Gun

- Holds Standard Caulking Cartridges
- Low to Medium Viscosity Materials
- Smooth Rod With Thumb Release

This CRL 12:1 Ratio Caulking Gun has the smooth operation of a friction rod, plus a large handle and trigger. Perfect for dispensing low to medium viscosity materials, such as silicones and acrylic latex sealants. The strap frame rotates to move the nozzle tip where needed. The spring release plunger lets you load and dispense quickly and easily. The thumb-activated instant pressure release button prevents sealant run-on. Includes a built-in ladder hook. Twelve guns per case. Minimum order is one each.



CAT. NO. GA1203

CRL Standard Smooth Rod Caulking Gun

- Thumb Pressure Release Button
- Our Best Seller is Also a Great Value
- Perfect for Low Viscosity Materials

Our CRL Standard Smooth Rod Caulking Gun is CRL's most popular caulking gun because it is quality constructed, and so easy and economical to use. Perfect for dispensing low viscosity materials. The spring release plunger lets you load and dispense quickly and easily, and releases pressure on the plunger to prevent sealant run-on. Minimum order is one each.



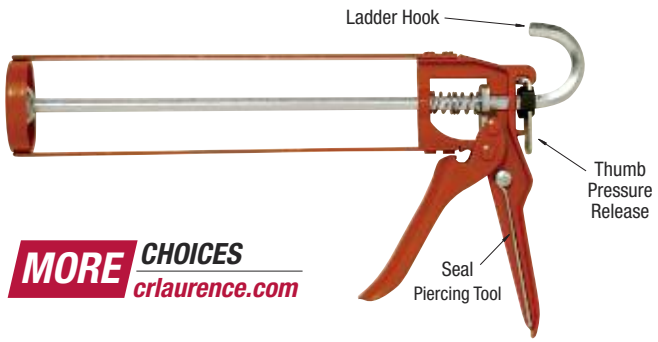


CAT. NO. ER3

CRL Metal Strap Frame Caulking Gun

- Popular Strap Frame Design
- Smooth Rod With Thumb Release

The strap frame design for caulking guns is becoming increasingly appealing, as witnessed in the fast-growing popularity of this quality gun. The CRL Metal Strap Frame Gun has a friction hex drive rod plunger, heavy die cast zinc alloy frame and trigger, and a thumb pressure release that lets you load and dispense quickly and easily, and releases pressure on the plunger to prevent sealant run-on. Includes built-in ladder hook, and handy seal piercer located in the handle of the sturdy steel skeleton type frame. Minimum order is one each.



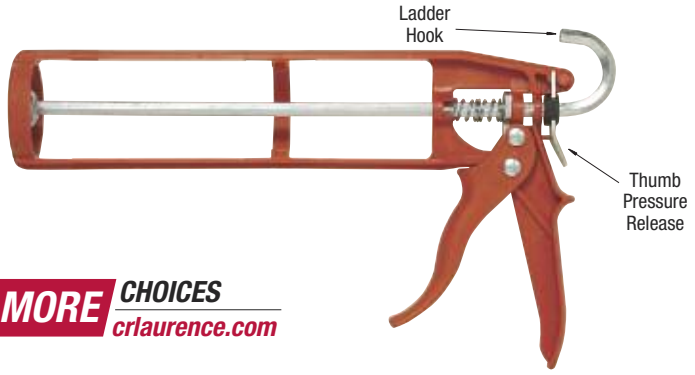
MORE CHOICES
crlaurence.com

CAT. NO. GA1204

CRL Nylon Strap Frame Caulking Gun

- Smooth Rod With Thumb Release
- Lightweight, Yet Durable

The CRL Nylon Strap Frame Caulking Gun has a pressure release device to reduce material flow after you release the trigger. This feature is ideal for precise application of your favorite sealant, and works with standard size plastic, metal or composite cartridges with integral or screw-on nozzles. Friction hex drive rod provides the thrust of a metal gun, and has a quick-release latch. Also includes belt or ladder hook. Minimum order is one each.



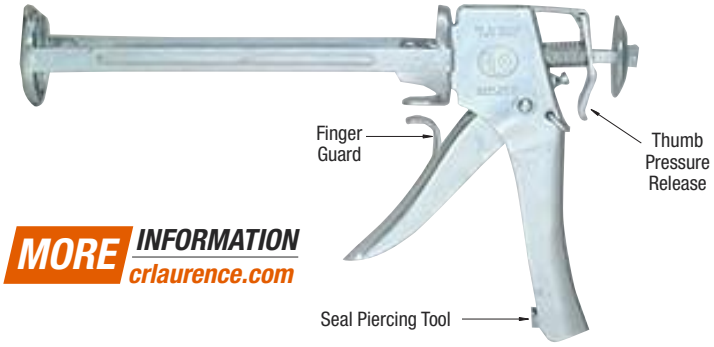
MORE CHOICES crlaurence.com

CAT. NO. GA1202

CRL Albion® Deluxe Strap Frame Caulking Gun

- Thumb Pressure Release Button
- Square Smooth Rod

This CRL Albion Deluxe Caulking Gun is made for the professional. Loading is quick and easy. Get superior caulking thrust with the 1-5/8" (41 mm) diameter ejector; speed and holding comfort with the no pinch finger guard. This easy-to-use gun also features a 1/4" (6 mm) square smooth piston rod that rotates for four times longer life. A handy seal piercing tool is located in the handle. Minimum order is one each.



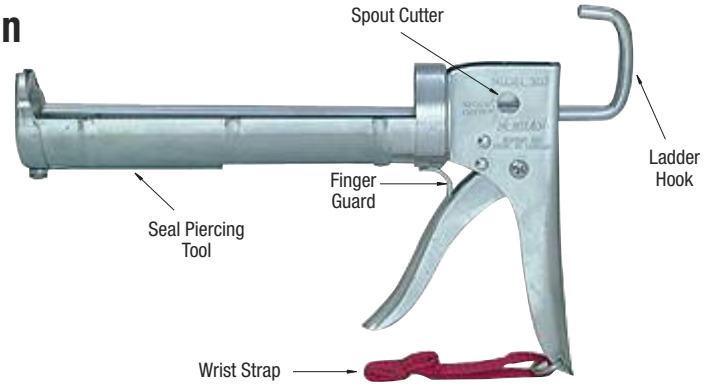
MORE INFORMATION crlaurence.com

CAT. NO. AB1393

CRL Newborn Ratchet Rod Caulking Gun

- Lightweight, Yet Durable
- Smooth Action Ratchet Rod

The CRL Newborn Ratchet Rod Gun is a professional model drop-in cartridge gun. The ratchet action rod pushes caulking material smoothly with double, heat-treated dog drives for even application. It's one of our most popular guns because it has a good combination of the following features at a very affordable price: seal piercing tool, nozzle spout cutter, ladder hook, adjustable wrist strap, and no pinch finger guard. Minimum order is one each.

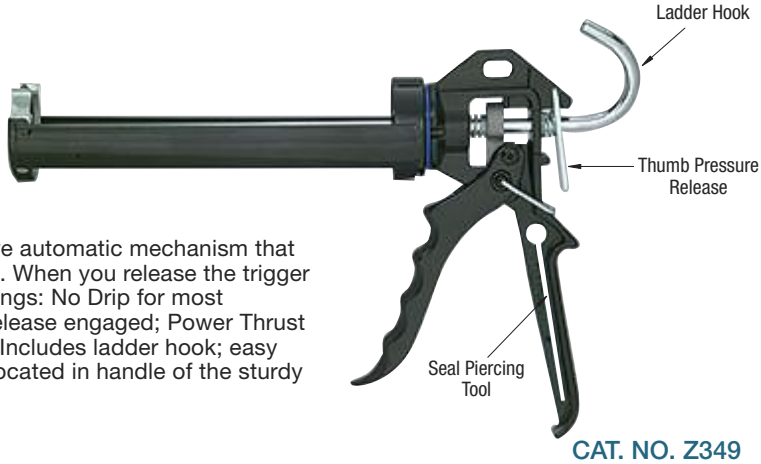


CAT. NO. KM27RD

CRL PowerGlide No-Drip Strap Frame Caulking Gun

- Stops Drips Automatically
- Smooth Rod
- Sturdy Steel Skeleton Type Frame

The CRL PowerGlide No-Drip Caulking Gun uses an exclusive automatic mechanism that creates a "vacuum" between the plunger and the caulking tube. When you release the trigger the material flow stops automatically. Features dual power settings: No Drip for most applications is perfect for interior and detail work with thumb release engaged; Power Thrust provides extra power for maximum application per trigger pull. Includes ladder hook; easy load clips to hold cartridge in barrel; and a handy seal piercer located in handle of the sturdy steel skeleton type frame. Minimum order is one each.

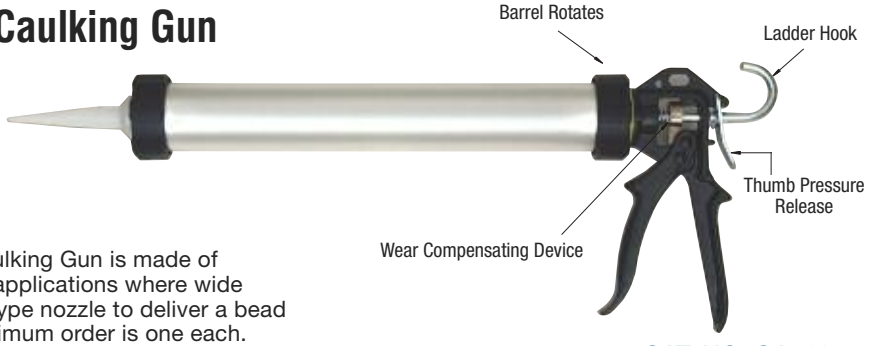


CAT. NO. Z349

Albion is a registered trademark of Albion Engineering Company.
Newborn is a registered trademark of Newborn Brothers & Co., Inc.

CRL 15" Sausage and Cartridge Caulking Gun

- Converts for Gunning Sausage Packs or Cartridges
- Includes Plastic Cone Nozzle
- Lightweight Aluminum Barrel

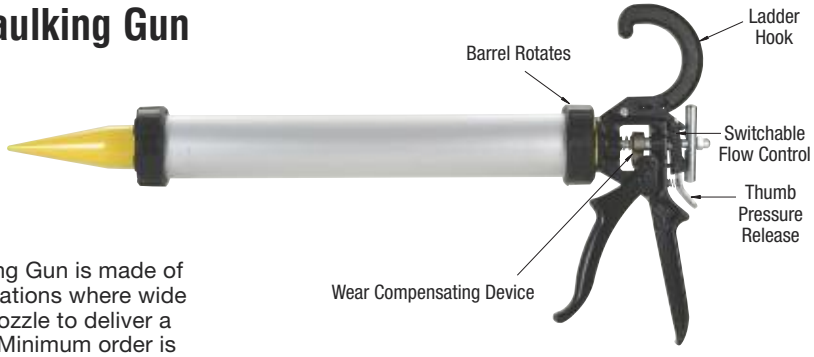


The CRL 15" (381 mm) Sausage and Cartridge Caulking Gun is made of lightweight aluminum, and is ideal for waterproofing applications where wide beads of material are required. Cut the plastic cone type nozzle to deliver a bead from 1/8" (3 mm) up to 3/4" (19 mm) in diameter. Minimum order is one each.

CAT. NO. GA1205

CRL Cox® Avon 15" Sausage/Bulk Caulking Gun

- Converts for Gunning Sausage Packs, Cartridges or Bulk
- Supplied With Six Extra Nozzles
- Our Most Popular Sausage Gun



The CRL Cox® Avon 15" (381 mm) Sausage/Bulk Caulking Gun is made of lightweight aluminum, and is ideal for waterproofing applications where wide beads of material are required. Cut the plastic cone type nozzle to deliver a bead from 1/8" (3 mm) up to 1-5/16" (33 mm) in diameter. Minimum order is one each.

CAT. NO. WG51001

CRL Cox® Air Power Caulking Gun

- Holds Standard Cartridges
- Air Regulator Pressure Adjuster



This is a superb quality, lightweight air powered gun. The 2" x 10" (51 x 254 mm) drawn aluminum barrel holds all standard size cartridges. The Gun dispenses materials smoothly and uniformly with just a trigger squeeze, and connects to standard 1/4" (6 mm) NPT hose fittings. It has an instant release valve to stop material flow, a true air regulator, and can operate at up to 100 psi maximum. The body is made of lightweight drawn aluminum with a quick release end cap for fast change out of cartridges. A quick-disconnect fitting is included and replaceable parts are available for all components. Air action on cartridge plunger. Minimum order is one each.

CAT. NO. WG61001

CRL Cox® Air Power Sausage Gun

- Dispenses 10 to 20 Fl. Oz. Sausage Packs
- Air Regulator Pressure Adjuster



The CRL Cox® Air Power Sausage Caulking Gun dispenses even heavy materials, such as urethane, at a smooth, controlled rate of flow. It can be used with 10, 15.2 or 20.3 fl. oz. (296, 450 or 600 ml) sausage packs. The high flow trigger valve is responsive, with a built-in regulator to control flow, and an instant release valve with silencer to stop material flow. Can operate at up to 100 psi maximum. Minimum order is one each.

CAT. NO. WG6100620

CRL Small Tube Dispenser Handle

MORE INFORMATION crlaurence.com

- Makes Small Tubes of Sealants or Adhesives Easy to Dispense



The Small Tube Dispenser Handle is the fast and easy way to dispense materials such as silicones and adhesives from squeeze tubes. It lets you apply just the right amount of pressure for the proper bead size, and since you apply just the right amount of material there is less mess and clean up. The open back design lets you draw the tube through the handle, so you can get virtually all of the material from the tube, reducing waste. Holds all flexible plastic or metal tubes up to 2-1/2" (63 mm) wide. Minimum order is one each.

Cox is a registered trademark of PC Cox Limited Corporation.

CAT. NO. 710XX006

CRL 12 Volt DC Variable Speed Cordless Cartridge Caulking Gun for Lightweight Sealants

- Variable Speed Trigger Controls Flow of Sealant
- Use to Dispense Lightweight Sealants Such as Silicones and Acrylic Latex
- Complete With 12 Volt Battery, One Hour Charger, and Molded Plastic Carrying Case



This CRL 12V DC Cordless Cartridge Caulking Gun operates on a 12 volt Rechargeable Battery and comes with a One Hour Charger. The variable speed control is in the trigger for easy adjustments in speed. It is ideal for glazing contractors, building contractors, roofers, cabinet makers, OEM fabricators, window manufacturers, or anyone who applies a lot of silicone or acrylic latex sealants and wants an easier, more professional way of getting the job done, without the restrictions of cords or hoses. Affordable and effective, this gun also comes with a 90 day warranty. For uninterrupted production, you can order additional LD188B 12 Volt Battery Packs.

WARNING: Not for use with high viscosity automotive urethane adhesives and construction polyurethane sealants. Use Only to dispense lightweight sealants such as silicone and acrylic latex.

CAT. NO.	DESCRIPTION
LD188	12 Volt Cordless Cartridge/Caulking Gun Kit
LD188B	12 Volt DC Battery Pack
LD188C	One Hour Battery Charger

Minimum order: 1 each.

CRL Milwaukee® 18 Volt Variable Speed Cordless Caulking Guns

- Easily Dispenses High Viscosity Auto Urethanes
- Interchangeable Front Ends Work With Standard Cartridges, 29 Fl. Oz. Quart Cartridges, and 20.3 Fl. Oz. Sausage Packs
- Includes 18 Volt Battery and One Hour Charger



CAT. NO. 264121CT
Standard Cartridge Gun



CAT. NO. 48591801
One Hour M18 Charger



CAT. NO. 48111815
M18 Compact Battery



CAT. NO. 271020
18V DC Vehicle M18 Charger

MORE INFORMATION
crlaurence.com



CAT. NO. 264221CT
20 Fl. Oz. Sausage Gun

This heavy-duty 18 Volt DC Cordless Caulking Gun makes manual caulking obsolete. A powerful pushing force of 950 pounds (431 kg) easily dispenses high viscosity materials such as automotive urethanes. Gun features include: variable speed trigger and remote speed dial control for optimized bead and steady flow rates; auto clutch release for rapid loading of material; anti-drip auto clutch (stops sealant flow when trigger is released); auto shut off at the end of plunger rod travel; 360 degree carriage rotation for easy work around corners and hard to reach areas.

Guns are ordered pre-configured for the type of packaging to be used: standard 10 fl. oz. (300 ml) cartridges, or 20 fl. oz. (600 ml) sausage packs. Additional front ends and plunger rods can be special ordered to convert the Gun to any configuration. All Gun Kits come standard with a 18V DC Battery Pack and One Hour M18 Charger.

Milwaukee is a registered trademark of Milwaukee Electric Tool Corporation.

CAT. NO.	DESCRIPTION
264121CT	Standard Cartridge Gun, 18V Battery and One Hour Charger
264221CT	20 Fl. Oz. Sausage Gun, 18V Battery and One Hour Charger
48111815	18 Volt DC 1.4 Amp Hour Compact Battery Pack
48591801	One Hour M18 Battery Charger
271020	18V DC Vehicle Charger

Minimum order: 1 each.

CRL Yellow Plastic Cone Nozzles

- Bead Sizes From 1/8" to 1-5/16" (3 to 33 mm)
- Easy to Clean After Use



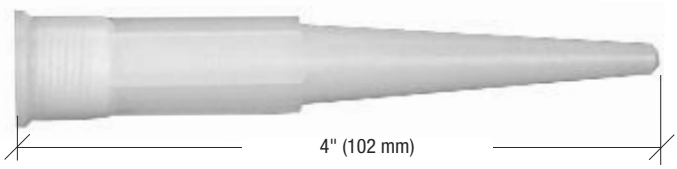
CRL Yellow Plastic Cone Nozzles are extra large for bulk and sausage caulking applications where wide beads of material are required. These are the same Cone Nozzles that come with the Cat.No. WG51001 Sausage Gun. The plastic cone-type Nozzle can be cut to deliver a bead from 1/8" to 1-5/16" (3 to 33 mm) in diameter. Fits most sausage and bulk guns with screw-on ring caps. Five Nozzles per pack. Minimum order is one pack.

CAT. NO. WGCN

CRL Screw-On Nozzles

- Additional Nozzles for Screw-On Type Silicone or Auto Urethane Cartridges

MORE INFORMATION crlaurence.com

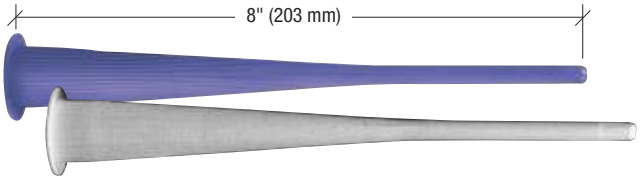


CAT. NO.	DESCRIPTION	QTY/PACK
S1LN0Z	Silicone Nozzles	24
UN0Z	Urethane Nozzles	12

Minimum order: 1 pack. Sizes can be combined for quantitiy pricing.

CRL Problem Solver Nozzles

- Reaches Areas You Never Thought Possible
- Rigid, Flexible or Combo Pack



Problem Solver Nozzles fit virtually any caulking cartridge by sliding over the existing nozzle, or screwing onto the threaded nipple. Choose from either Rigid or Flexible Nozzles (four Nozzles per pack), or order the Combo Pack with two flexible and two rigid Nozzles per pack.

CAT. NO.	DESCRIPTION	COLOR
PSN2	Four Rigid Problem Solver Nozzles	Blue
PSN4	Four Flexible Problem Solver Nozzles	White
PSN6	Combo Pack of Four Problem Solver Nozzles	Mixed

Minimum order: 1 pack. Sizes can be combined for quantitiy pricing.

CRL Corner Caulker Nozzles

- Reusable and Easy to Clean
- 90 Degree Bend

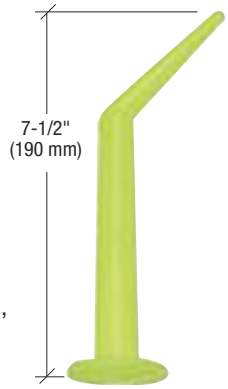


CRL Corner Caulker Nozzles are durable polyethylene Nozzles with a 90 degree bend that allows application of sealants or caulks to places standard Nozzles can't reach. Firmly grips the Nozzle of both 1/10 gallon (300 ml) and 1 quart (946 ml) size cartridges. Reusable and easy to clean. 10 Nozzles per package. Minimum order is one pack.

CAT. NO. CC103

CRL Angle Shot Bent Nozzle

- 45 Degree Bent Spout for Use With Standard Cartridges, Sausage or Bulk Guns
- Extra Long 7-1/2" (190 mm) Overall Length



CRL Angle Shot Bent Nozzles fit virtually any caulking cartridge by sliding over the existing nozzle. They hold securely between the cartridge and the end of the caulking gun, and will also adapt for sausage or bulk guns. The 45 degree bend and extra long length make reaching into and around corners both easy and fast. Minimum order is one each.

CAT. NO. AB9351

3M is a registered trademark of 3M Company Corporation.

CRL Nozzle Cutter

- Use on All Plastic Cartridges to Cut Nozzle Tip and Threaded Tip



Our CRL Nozzle Cutter is used to cut off the plastic threaded tip of the cartridge and then cut the nozzle tip to the desired opening size at the proper angle. **NOTE:** Keep SAFELY AWAY FROM CHILDREN! EXTREME DANGER to fingers if accidentally inserted in the cutter inlet! Minimum order is one each.

CAT. NO. NC594

CRL Little Red Nozzle Caps

- **Economical and Reusable**
- **Reduces Sealant Waste**





These economical, reusable Little Red Nozzle Caps cut sealant waste. Placed over the nozzle of partially used sealant cartridges, they seal out air and dirt to preserve the quality of the remainder of the sealant. Little Red Nozzle Caps also make a perfect Romex wire termination, air tool inlet, and felt pen cap. The possibilities are limitless. 35 Caps per package. Minimum order is one pack.

CAT. NO. LRC35

CRL Empty Plastic Cartridge

- **Suitable for Most Cold Applied Sealants**



This CRL Plastic Cartridge is made of a high density polyethylene, and is suitable for most cold applied sealants. The 1/10th gallon (310 ml) capacity, 2" (51 mm) diameter, and 8-1/2" (216 mm) length Cartridge fits all standard cartridge caulking guns. The Cartridge includes a tapered, non-removable nozzle and a plunger cap. Minimum order is one each.

CAT. NO. 103FL

CRL Plastic Applicator Bottle With Needle

- **For Precise Dispensing of Adhesives, Solvents or Lubricants**
- **1-1/2" (38 mm) Long Stainless Steel Needle**

The CRL Applicator Bottle is a 1.25 fl.oz. (37 ml) oval polyethylene squeeze-type applicator bottle with a 1-1/2" (38 mm) stainless steel needle. Ideal for precision cementing, solvent dispensing, and oiling. Minimum order is one each.



CAT. NO. AAB4

CRL Handi-Foam® Dispensing Guns

- **Dispenses Expanding Handi-Foam®**
- **Control Valve for Precise Flow**

Either Handi-Foam® canister fits directly into a receptacle on the top of the guns. Just screw on the can, hold can and gun in both hands, shake vigorously for one minute and you're ready to go. Minimum order is one each.



CAT. NO. F61000



CAT. NO. F61010

CRL Adhesive Pump With 16 Fl. Oz. Can

- **Used to Dispense a Variety of Liquid Adhesives, Sealers, and Primers**





Use CRL Adhesive Pumps to dispense adhesives, sealers, primers or lubricants. The 195AG 16 fl. oz. (473 ml) can features a heavy-duty pump mechanism, 4" (102 mm) spout, and extra heavy-duty cap and spring. Can be easily disassembled for cleaning. Minimum order is one each.

CAT. NO. 195AG

Handi-Foam is a registered trademark of Fomo Products, Inc.

CRL Adhesive Pump Only for 16 Fl. Oz. Can

- **Fits Most 6 to 16 Fl. Oz. Cans**

MORE INFORMATION crlaurence.com





The 181AG Adhesive Pump will fit most cans from 6 to 16 fl. oz. (177 or 473 ml). Use Cat. No. CRL2032 Solvent and Adhesive Cleaner to properly clean guns and pumps. Minimum order is one each.

CAT. NO. 181AG

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Wooden Handle Spatulas

- Stainless Steel Blade With Rounded Tip for Recommended Tooled Sealant Profile



MORE INFORMATION crlaurence.com

CRL Spatulas are used to tool sealant joints, and to scrape out material from pails. They have a flat, flexible, heat treated stainless steel blade with a rounded tip for creating the recommended hourglass shape of sealant joints. Comfortable hardwood handle.

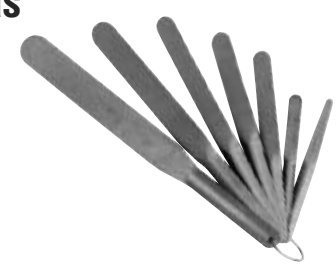
CAT. NO.	BLADE SIZE
AB2584	4" x 3/4" (102 x 19 mm)
AB2586	6" x 1" (152 x 25 mm)
AB2588	8" x 1-1/4" (203 x 32 mm)

Minimum order: 1 each. **NOTE:** Not available in Australia.

CRL All Stainless Steel Spatulas

- Seven Different Sizes
- All Stainless Steel
- Easy to Clean





CRL All Stainless Steel Spatulas are used to tool sealant joints. Their length extends your reach and comes in handy for hard to reach areas. The flat, flexible, tempered spring stainless steel tooling blade is attached to a comfortable curved handle. They are also easy to clean. The complete set includes seven tools held together with a snap ring, or you can order individual Spatulas.



Order the complete set or buy them individually

CAT. NO.	BLADE SIZE
AB9583T	6-7/8" x 3/8" Tapered (175 x 9.5 mm)
AB9583	6-3/4" x 5/8" (171 x 16 mm)
AB9584	7-3/4" x 3/4" (197 x 19 mm)
AB9585	8-3/4" x 13/16" (222 x 20 mm)
AB9586	11" x 1" (279 x 25 mm)
AB9588	12-7/8" x 1-1/4" (327 x 32 mm)
AB95810	15" x 1-1/2" (381 x 38 mm)
AB958G	Complete Set of Seven Spatulas

Minimum order: 1 each. Individual Stainless Steel Spatulas can be combined for quantity pricing.

CRL Plastic Caulking Applicator Tools

- Unique Spline Radius Design
- Cured Sealant Easily Peels Off Tool

CRL Plastic Caulking Applicator Tools will not scratch or damage glass, painted surfaces, metal, tile, porcelain, polished stone, etc. Lightweight high-quality copolymer material is strong yet will flex under pressure, and is easy to clean after use. Sold both individually and as a set of eight different styles to handle the most common joints. Overall length of each tool is 8-3/4" (222 mm).

CAT. NO.	BLADE WIDTH AND STYLE
P1000	1-1/4" (32 mm) - 10
P2000	1-1/2" (38 mm) - 20
P3000	1" (25 mm) – 30 A*
P4000	1" (25 mm) – 40 P*
P5000	3/4" (19 mm) – 50 A*
P6000	7/8" (22 mm) – 60 P*
P7000	7/8" (22 mm) – 70 A*
P8000	3/4" (19 mm) – 80 P*
PC1080	Complete Set of Eight Applicator Tools

Minimum order: 1 each. *A (Aggressive) – more pointed radius. *P (Passive) – more rounded radius. Individual Applicator Tools can be combined for quantity pricing.



CAT. NO. P1000

CAT. NO. P5000



CAT. NO. P2000

CAT. NO. P6000



CAT. NO. P3000

CAT. NO. P7000



CAT. NO. P4000

CAT. NO. P8000

CRL Sealant Spatula Set

- Tools Six Different Joint Widths
- Easy to Clean After Use



The CRL Sealant Spatula Set is a unique kit of three Spatulas for tooling applied sealants. They are tapered on each end for use in six different joint widths. The lightweight material is strong, will flex under pressure, and is easy to clean up after use. The overall length of each Spatula is 7-1/4" (184 mm), and each set comes in a divided vinyl pouch you can carry in your pocket or toolbox. Minimum order is one set.



3/16" (5 mm) Flat

3/8" (9.5 mm) Curved



1/8" (3 mm) Curved

5/16" (8 mm) Flat



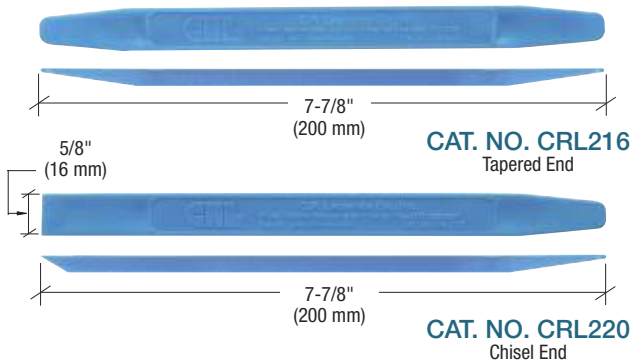
3/8" (9.5 mm) Flat

1/2" (13 mm) Flat

CAT. NO. AB556

CRL Plastic Stick Tools

- A Very Popular Tool With Virtually Limitless Uses
- Tapered or Chisel End Tools



CAT. NO. CRL216
Tapered End

CAT. NO. CRL220
Chisel End

The CRL Plastic Stick Tool is one of our most popular items. Caulkers use them for tooling freshly applied sealants; glaziers find them useful for pushing vinyl into window channels; painters use them as mixing sticks; and auto glass installers use them for setting or removing glass from rubber gaskets. Stick Tools are made of a special high strength, flexible plastic formula that won't scratch adjoining glass or metal and makes them easy to clean.

CAT. NO.	DESCRIPTION
CRL216	Tapered End Stick Tool
CRL220	Chisel End Stick Tool

Minimum order: 1 each. Can be combined for quantity pricing.

CRL Stick Tool Handle

- Comfortable Grip Handle Can Be Used With Either Tapered End or Chisel End Stick Tool
- Provides More Leverage for Scraping



CAT. NO. CRL216H



CAT. NO. CRL216HWS

The CRL Stick Tool Handle is an innovative tool that allows the user to simply slip in a popular CRL Stick Tool for a comfortable grip. This tool is indispensable to glaziers, caulkers, painters, and auto glass installers.

CAT. NO.	DESCRIPTION
CRL216H	Stick Handle Only
CRL216HWS	Stick Handle With Chisel End Stick Tool

Minimum order: 1 each.

CRL 4-Piece Composite Scraper Set

NEW!

- Composite Scrapers Have Polypropylene Edges, and are Ideal for the Removal of Old Adhesives
- Safe for Most Surfaces

CRL Composite Scrapers remove material without marring or damaging aluminum and painted finishes. Polypropylene edges are ideal for removing residue from adhesives. Set includes four Scrapers, 3/4", 7/8", 1", and 1-1/2" (20, 23, 25, 38 mm) blade widths. 10-1/2" (267 mm) overall length. Minimum order is one set.



CAT. NO. PS2704

CRL Sealant Finishing Tool

MORE INFORMATION
crlaurence.com

- Lightweight and Flexible, Simplifies Tooling of Sealants
- Titanium Catalyst Material Won't Stick to Silicone or Other Sealants

The CRL Sealant Finishing Tool is made of a lightweight and flexible Titanium Catalyst material that will not stick to silicone and other sealants. This makes tooling fresh sealant joints easy, with smoother results and faster clean up. This lightweight and flexible tool is only 3/16" (5 mm) thick, and measures approximately 3-1/4" x 3-1/2" (83 x 89 mm). Minimum order is one each.



CAT. NO. 55BSS

CRL Backer Rod Do's and Don'ts for Dynamically Moving Joints

• Prevents Three-Sided Adhesion

The sealant will not adhere to the bottom of the joint, allowing more movement of the sealant (Figure 1).

MORE INFORMATION crlaurence.com

• Controls Depth of Sealant Bead

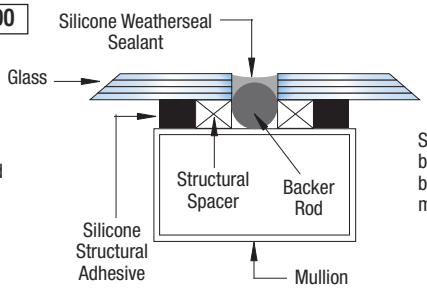
The sealant bead will be the design recommended by the sealant manufacturer to maximize sealant movement capability. Round rod configuration also creates less sealant in the middle for greater movement capability of the sealant (Figure 2). Creates less stress at the bond line which means less sealant failures.

• Provides Resistance to Tool Against

The sealant is pushed against the backer rod during tooling thus forcing the sealant against the side walls of the joint for maximum adhesion (Figure 3). Backer rod must be oversized to hold tightly in the joint (Figure 4).

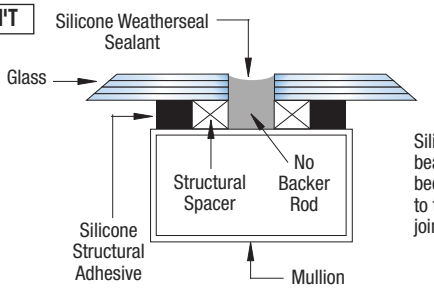
Figure 1
Prevents Three-Sided Adhesion

DO



Silicone Weatherseal bead floats over the backer rod, allowing maximum movement.

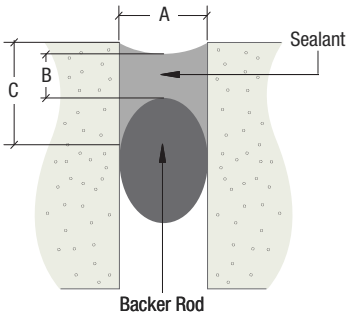
DON'T



Silicone Weatherseal bead can't move because it is glued to the bottom of the joint.

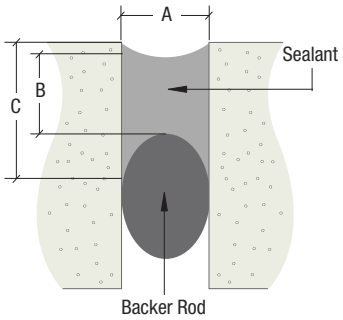
Figure 2
Controls Depth of Sealant Bead

DO



1. Ratio of A:B should be 2:1 minimum.
2. Dimensions C and A must be at least 1/4".
3. Joint surface tooled concave.
4. Dimension B suggested maximum = 3/8" (9.5 mm).

DON'T



1. Deep sealant bead will not have same movement capability as properly designed thinner bead.
2. Slower cure time due to excessive sealant depth.
3. Dimension B over the suggested maximum of 3/8" (9.5 mm).

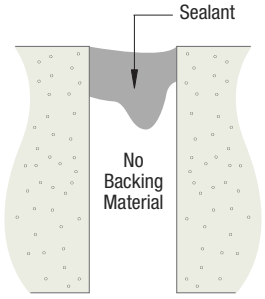
Figure 3
Provides Resistance to Tool Against

DO



Sealant is pushed deeply and evenly against the side walls for consistent strength and adhesion along the bond line.

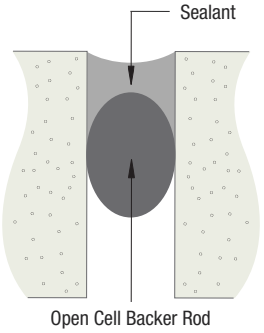
DON'T



Gaps between sealant and wall leave sealant uneven in the joint, creating weak areas in the bond line which easily fail under stress.

Figure 4
Oversized Rod Holds in Place

DO



RECOMMENDED BACKER ROD SIZES

JOINT WIDTH	CRL CLOSED CELL BACKER ROD DIAMETER	CRL OPEN CELL BACKER ROD DIAMETER
3/16" (5 mm)	1/4" (6 mm)	---
1/4" (6 mm)	3/8" (10 mm)	---
3/8" (10 mm)	1/2" (12 mm)	5/8" (16 mm)
1/2" (12 mm)	5/8" (16 mm)	7/8" (22 mm)
5/8" (16 mm)	3/4" (19 mm)	1-1/8" (29 mm)
3/4" (19 mm)	1" (25 mm)	1-1/8" (29 mm)
1" (25 mm)	1-1/4" (32 mm)	1-1/2" (38 mm)
1-1/4" (32 mm)	1-1/2" (38 mm)	2" (51 mm)
1-1/2" (38 mm)	2" (51 mm)	---

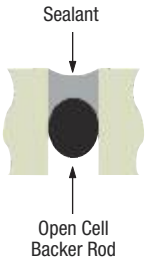
CRL Open Cell Backer Rod

- Has No Skin, So It's Non-Gassing
- Controls Depth of Sealant and Acts as a Bond Breaker

SPEC. DATA ONLINE

MSDS ONLINE

MORE INFORMATION crlaurence.com





CRL Open Cell Backer Rod is a soft, round, and easily compressible open cell polyurethane foam. It is ideal for use in situations where joint damage has occurred. It eliminates potential sealant failures due to out-gassing that occurs when the "skin" of closed cell backer rod is punctured. CRL Open Cell Backer Rod should be used only in vertical wall joints. **NOTE:** It is not suitable for horizontal traffic joint surfaces.

100 FOOT (30.5 M) ROLLS

CAT. NO.	ROD DIAMETER	ROLL LENGTH
B0CBR58C	5/8" (16 mm)	100' (30.5 m)
B0CBR78C	7/8" (22 mm)	100' (30.5 m)
B0CBR118C	1-1/8" (28 mm)	100' (30.5 m)
B0CBR112C	1-1/2" (38 mm)	100' (30.5 m)
B0CBR2*	2" (51 mm)	102' (30.5 m)

Minimum order: 1 roll. *Minimum order: 1 box of seventeen 6-foot lengths.
Sizes can be combined for quantity pricing.

BULK CASES

CAT. NO.	ROD DIAMETER	QTY/CASE
B0CBR58	5/8" (16 mm)	1400' (426 m)
B0CBR78	7/8" (22 mm)	900' (274 m)
B0CBR118	1-1/8" (28 mm)	350' (107 m)
B0CBR112	1-1/2" (38 mm)	200' (61 m)

Minimum order: 1 case. Sizes can be combined for quantity pricing.

CRL Closed Cell Backer Rod

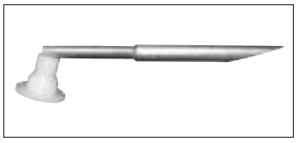
- Compatible With All Cold-Applied Sealants
- Available in Nine Widths

SPEC. DATA ONLINE

MSDS ONLINE







CRL Cat. No. SBRR
Backer Rod Roller.
Helpful for proper installation.
See Page SF031.

CRL Closed Cell Backer Rod is a round, flexible, closed cell polyethylene foam with an exterior "skin" used as a backing and thickness control device for elastomeric and other cold-applied sealants.

100 FOOT (30.5 M) ROLLS

CAT. NO.	ROD DIAMETER	ROLL LENGTH
EF14C	1/4" (6 mm)	100' (30.5 m)
EF38C	3/8" (10 mm)	100' (30.5 m)
EF12C	1/2" (12 mm)	100' (30.5 m)
EF58C	5/8" (16 mm)	100' (30.5 m)
EF34C	3/4" (19 mm)	100' (30.5 m)
EF1C	1" (25 mm)	100' (30.5 m)
EF114C	1-1/4" (32 mm)	100' (30.5 m)
EF112C*	1-1/2" (38 mm)	102' (30.5 m)
EF2C*	2" (51 mm)	102' (30.5 m)

Minimum order: 1 roll. *Minimum order: 1 box of seventeen 6-foot lengths.
Sizes can be combined for quantity pricing.

BULK CASES

CAT. NO.	ROD DIAMETER	QTY/CASE
EF14B	1/4" (6 mm)	6400' (1951 m)
EF38B	3/8" (10 mm)	3600' (1097 m)
EF12B	1/2" (12 mm)	2500' (762 m)
EF58B	5/8" (16 mm)	1550' (472 m)
EF34B	3/4" (19 mm)	1100' (335 m)
EF1B	1" (25 mm)	550' (168 m)
EF114B	1-1/4" (32 mm)	400' (122 m)
EF112B**	1-1/2" (38 mm)	552' (168 m)
EF2B**	2" (51 mm)	360' (110 m)

Minimum order: 1 case. **Minimum order: 1 case of 6-foot lengths. Sizes can be combined for quantity pricing.

CRL Sof® Rod

- Non-Gassing if Damaged
- No Moisture Absorption

SPEC. DATA ONLINE

MSDS ONLINE





CRL Sof® Rod is a state-of-the-art sealant backing material combining the best properties of both open and closed cell backer rods in a single, trouble-free product. Sof® Rod is a continuous length of extruded polyolefin foam made with a non-absorbent outer skin and a highly resilient interior network of open and closed cells. Sof® Rod will not out-gas if ruptured.

100 FOOT (30.5 M) ROLLS

CAT. NO.	ROD DIAMETER	ROLL LENGTH
SR38C	3/8" (9.5 mm)	100' (30.5 m)
SR58C	5/8" (15.9 mm)	100' (30.5 m)
SR78C	7/8" (22.2 mm)	100' (30.5 m)
SR118C	1-1/8" (28.6 mm)	100' (30.5 m)
SR112C*	1-1/2" (38.1 mm)	102' (30.5 m)
SR2C*	2" (50.8 mm)	102' (30.5 m)

Minimum order: 1 roll. *Minimum order: 1 box of seventeen 6-foot lengths.
Sizes can be combined for quantity pricing.

BULK CASES

CAT. NO.	ROD DIAMETER	QTY/CASE
SR38B	3/8" (9.5 mm)	3600' (1097 m)
SR58B	5/8" (15.9 mm)	1550' (472 m)
SR78B	7/8" (22.2 mm)	850' (259 m)
SR118B	1-1/8" (28.6 mm)	500' (152 m)
SR112B**	1-1/2" (38.1 mm)	552' (167 m)
SR2B**	2" (50.8 mm)	360' (110 m)

Minimum order: 1 case. **Minimum order: 1 case of 6-foot lengths.
Sizes can be combined for quantity pricing.

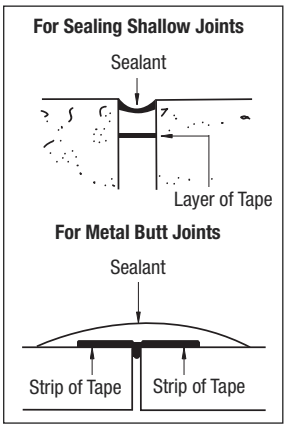
Sof is a registered trademark of Nomaco Inc.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL Bond Breaker Tape

- **Used to Create Proper Two-Way Sealant Bond**
- **Use in Shallow Joints and Metal Butt Joints**

Use CRL Bond Breaker Tape to create proper two-way sealant bonds. This clear, tough plastic tape with a clear polyethylene adhesive backing is eight mils (.2 mm) thick, and has high adhesion to steel or other structural metals. It is important for the sealant to bond to joints in two places so it can expand properly. If the sealant bonds in the wrong areas, it may tear or stretch to the point of failure. For sealing shallow joints Bond Breaker Tape is applied to the bottom of the joint so the sealant will bond only to the walls. For metal butt joints Bond Breaker Tape is applied to metal edges so the sealant can be "buttered" over the joint and can properly expand or contract.





CAT. NO.	WIDTH	ROLL LENGTH
827T14	1/4" (6.3 mm)	108' (33 m)
827T38	3/8" (9.5 mm)	108' (33 m)
827T12	1/2" (12.7 mm)	108' (33 m)
827T34	3/4" (19 mm)	108' (33 m)
827T1	1" (25.4 mm)	108' (33 m)
827T2	2" (50.8 mm)	108' (33 m)

Minimum order: 1 roll. Sizes can be combined for quantity pricing.

CRL Backer Rod Roller

- **Installs Backer Rod in Joints From 1/4" to 1" (6 to 25 mm)**
- **Controls Proper Depth to Ensure Uniformity**



MORE CHOICES crlaurence.com

CAT. NO. SBRR

The CRL Backer Rod Roller greatly increases production with the unique roller design that allows fast and easy installation of backer rod with no more changing of wheels and making adjustments to get the proper depth. The pointed backside of the tool is used to insert the first few inches of the rod and to turn corners. Installs backer rod in joints ranging from 1/4" to 1" (6 to 25 mm) wide. Lightweight aluminum handle. Overall length is 11-1/2" (292 mm). Minimum order is one each.





CRL Backer Rod Insert Tool Set

- **Works Easily With Both Closed and Open Cell Backer Rod**
- **Controls Proper Depth to Ensure Uniformity**



CRL Backer Rod Insert Tool Set is the quickest, easiest, and safest way to install backer rod. The proper insertion of backer rod into the joint is imperative to proper joint sealing. The assortment of rollers allow insertion of backer rod diameters of 1/8" (3 mm) and larger. The tool allows you to set the desired depth to ensure uniformity. The nylon wheels won't damage the backer rod, or scratch adjacent channel walls. Minimum order is one each.

Backer Rod Insert Tool Set Includes:

- Two Roller Frame Units
- Insertion Wheels of 1/8" (3 mm), 1/4" (6 mm), 3/8" (9.5 mm), 1/2" (12 mm)
- One Handle Knife Adapter
- Complete Instructions



CAT. NO. T607CU605

CRL Shimstack Shims

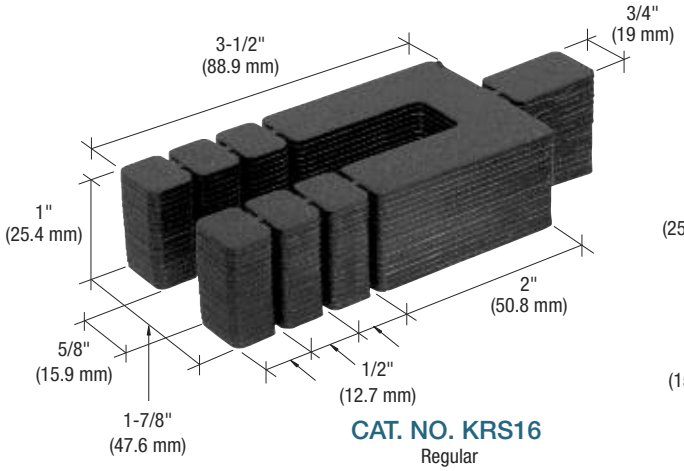
MORE CHOICES crlaurence.com

MSDS ONLINE

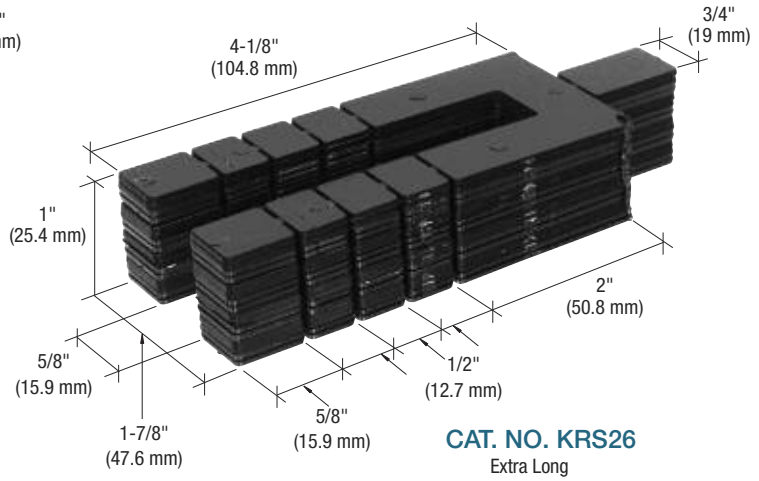
- Adjustable in Thickness and Length With Just a Snap
- Choose the Desired Thickness From 1/16" to 1" (1.6 to 25.4 mm)
- Installation Tab Makes Insertion Easy

CRL Shimstack Shims give you fast, low cost leveling. 16 heat-sealed pieces make up each one-inch stack. Simply snap off individual shims to get the thickness you need. With so many available sizes, Shimstack Shims can be used to align windows, doors, curtainwalls, storefront tubing and other architectural components.

Shimstacks are made of fire resistant, non-staining, high-impact black plastic with an ASTM rating of 5000 p.s.i. compressive strength.



CAT. NO. KRS16
Regular



CAT. NO. KRS26
Extra Long

CAT. NO.	COLOR	"T" THICKNESS	"L" LENGTH	"W" WIDTH	"S" SLOT	QTY/CASE
KRS16	Black	1/16" (1.6 mm)	3-1/2" (88.9 mm)	1-7/8" (47.6 mm)	5/8" (15.9 mm)	1,000
KRS26	Black	1/16" (1.6 mm)	4-1/8" (104.8 mm)	1-7/8" (47.6 mm)	5/8" (15.9 mm)	1,000

Minimum order: 1,000 shims. Must be ordered in increments of 1,000. Sizes can be combined for quantity pricing.

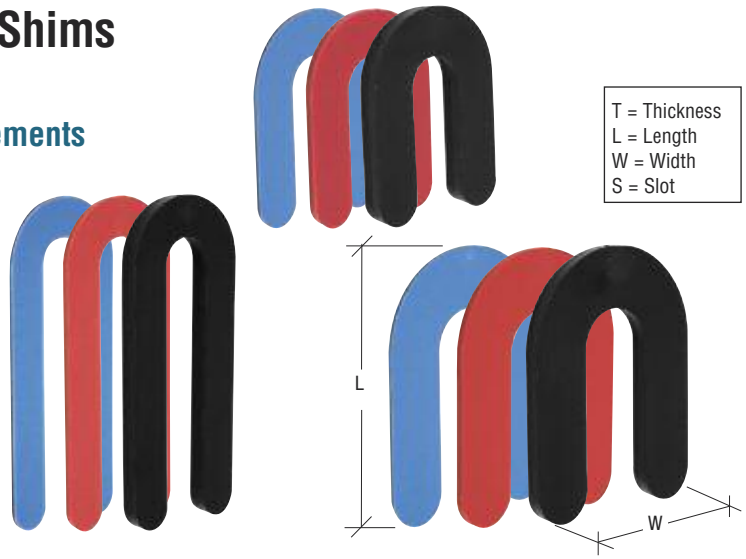
CRL Plastic Horseshoe Shims

MSDS ONLINE

- Color Coded for Convenience
- Simplifies All Leveling Requirements

CRL Plastic Horseshoe Shims are made to simplify leveling problems wherever they occur, and have been approved by architects for use in the installation of windows, doors, curtainwalls, storefronts, and insulating glass units. CRL Horseshoe Shims are made of high-impact styrene plastic, properly designed and balanced for vertical or horizontal use.

The 3-1/2" (89 mm) length is extremely popular for installing storefront aluminum since most major storefront fabricators use 4" (101.6 mm) tubing.



CAT. NO.	COLOR	"T" THICKNESS	"L" LENGTH	"W" WIDTH	"S" SLOT	QTY/CASE
PHS6	Blue	1/16" (1.6 mm)	2" (51 mm)	1-1/2" (38 mm)	9/16" (14 mm)	100 or 1,000
PHS8	Red	1/8" (3.2 mm)	2" (51 mm)	1-1/2" (38 mm)	9/16" (14 mm)	100 or 1,000
PHS4	Black	1/4" (6.4 mm)	2" (51 mm)	1-1/2" (38 mm)	9/16" (14 mm)	100 or 1,000
PHS26	Blue	1/16" (1.6 mm)	3" (76 mm)	2-5/16" (59 mm)	7/8" (22 mm)	100 or 1,000
PHS28	Red	1/8" (3.2 mm)	3" (76 mm)	2-5/16" (59 mm)	7/8" (22 mm)	100 or 1,000
PHS24	Black	1/4" (6.4 mm)	3" (76 mm)	2-5/16" (59 mm)	7/8" (22 mm)	100 or 1,000
PHS16	Blue	1/16" (1.6 mm)	3-1/2" (89 mm)	1-1/2" (38 mm)	9/16" (14 mm)	100 or 1,000
PHS18	Red	1/8" (3.2 mm)	3-1/2" (89 mm)	1-1/2" (38 mm)	9/16" (14 mm)	100 or 1,000
PHS14	Black	1/4" (6.4 mm)	3-1/2" (89 mm)	1-1/2" (38 mm)	9/16" (14 mm)	100 or 1,000

Minimum order: 100 shims. Must order in increments of 100. Sizes can be combined for quantity pricing.

CRL Jumbo Size Plastic Horseshoe Shims

MORE CHOICES crlaurence.com

MSDS ONLINE

- Larger 3" x 4" (76 x 102 mm) Size
- Color Coded for Convenience
- Available in Three Thicknesses

CRL Jumbo Size Plastic Horseshoe Shims are preferred for use in curtainwall construction and other installations requiring the leveling of larger members. These high-impact styrene shims are molded to a jumbo 3" x 4" (76 x 102 mm) size in standard thicknesses of 1/16", 1/8", and 1/4" (1.6, 3.2, and 6.3 mm). Precisely sized and balanced for vertical and horizontal installation.



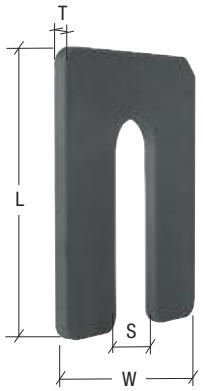
1/16"
PHS36



1/8"
PHS38



1/4"
PHS34



CAT. NO.	COLOR	"T" THICKNESS	"W" WIDTH	"L" LENGTH	"S" SLOT	QTY/CONTAINER
PHS36	Blue	1/16" (1.6 mm)	3" (76 mm)	4" (102 mm)	13/16" (20.6 mm)	100 or 500
PHS38	Red	1/8" (3.2 mm)	3" (76 mm)	4" (102 mm)	13/16" (20.6 mm)	100 or 500
PHS34	Black	1/4" (6.3 mm)	3" (76 mm)	4" (102 mm)	13/16" (20.6 mm)	250

PHS36 and PHS38 Minimum order: 100 each. Must order in increments of 100. PHS34 Minimum order: 250 each. Must order in increments of 250. Sizes can be combined for quantity pricing.

CRL Clear Plastic Horseshoe Shims

- Clear Color Hides Shim
- Available in Three Thicknesses

MSDS ONLINE

CRL Clear Plastic Horseshoe Shims are made to simplify leveling problems wherever they occur, and have been approved by architects for use in the installation of windows, doors, curtainwalls, storefronts, and insulating glass units. These shims are made of a clear, high-impact styrene plastic, properly designed and balanced for vertical or horizontal use. They are adaptable for use in the appliance, automotive, aviation, and mobile home industries as well. They help cut labor and material costs wherever used.



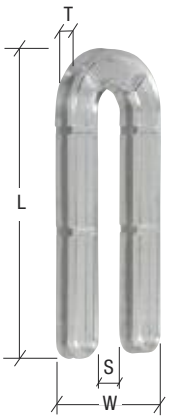
1/16"
CHS16



1/8"
CHS18



1/4"
CHS14



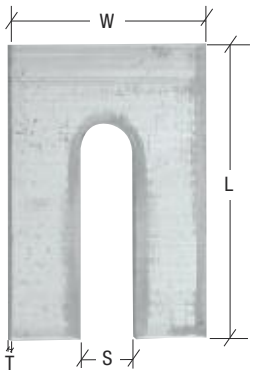
CAT. NO.	COLOR	"T" THICKNESS	"W" WIDTH	"L" LENGTH	"S" SLOT	QTY/CONTAINER
CHS16	Clear	1/16" (1.6 mm)	1-1/2" (38 mm)	3-1/2" (89 mm)	9/16" (14 mm)	100 or 1,000
CHS18	Clear	1/8" (3.2 mm)	1-1/2" (38 mm)	3-1/2" (89 mm)	9/16" (14 mm)	100 or 1,000
CHS14	Clear	1/4" (6.3 mm)	1-1/2" (38 mm)	3-1/2" (89 mm)	9/16" (14 mm)	100 or 1,000

Minimum order: 100 each. Must order in increments of 100. Sizes can be combined for quantity pricing.

CRL Aluminum Horseshoe Shims

- For Use When the Installation of Plastic Shims is Restricted By Building Codes
- Won't Compress Under Heavy Aluminum Base Shoe
- Available in Three Thicknesses

These CRL Aluminum Horseshoe Shims solve the problem on construction projects where the use of plastic horseshoe shims is restricted. They are fireproof in accordance with regulations and building codes. CRL Aluminum Horseshoe Shims are ideal for Base Shoe installations. They will not compress or project beyond the Base Shoe. They are also the same base metal as the Base Shoe, so corrosion is minimized.





CAT. NO.	"T" THICKNESS	"W" WIDTH	"L" LENGTH	"S" SLOT	QTY/CONTAINER
AHS66	1/16" (1.6 mm)	2" (51 mm)	3" (76 mm)	9/16" (14 mm)	100
AHS68	1/8" (3.2 mm)	2" (51 mm)	3" (76 mm)	9/16" (14 mm)	100
AHS64	1/4" (6.3 mm)	2" (51 mm)	3" (76 mm)	9/16" (14 mm)	100

Minimum order: 100 each. Must order in increments of 100. Sizes can be combined for quantity pricing.

TOLL FREE Phone: (800) 421-6144
Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Tapered Wood Shims

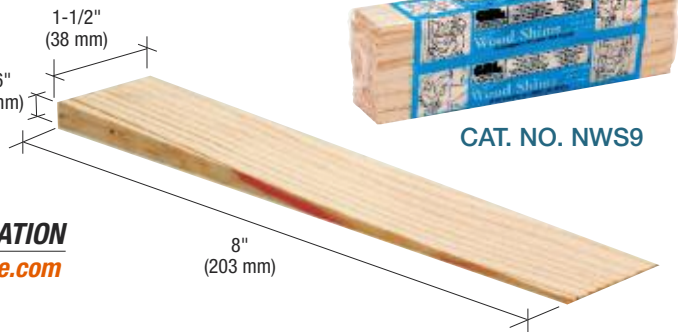
- Made From Northern White Wood or Kiln Dried Western Cedar
- Handy for Builders, Plumbers, Carpenters, Masons, and Glaziers

MSDS ONLINE

MORE INFORMATION crlaurence.com



CAT. NO. NWS9



CRL Cedar Shims are made from kiln dried western red cedar or white cedar. Most other cedar shims are made from inland cedar which tends to rot, but CRL Cedar Shims are better because they snap cleaner, making them especially suited for outdoor applications, such as between a concrete pad and a treated plate. CRL Cedar Shims are resistant to termites, and are specified in climates where termites are a problem.

CAT. NO.	TYPE	SHIMS/CARTON
NWS9	White Wood	420
NWS9C	Cedar	432

Minimum order: 1 carton. Can be combined with other shims for quantity pricing.

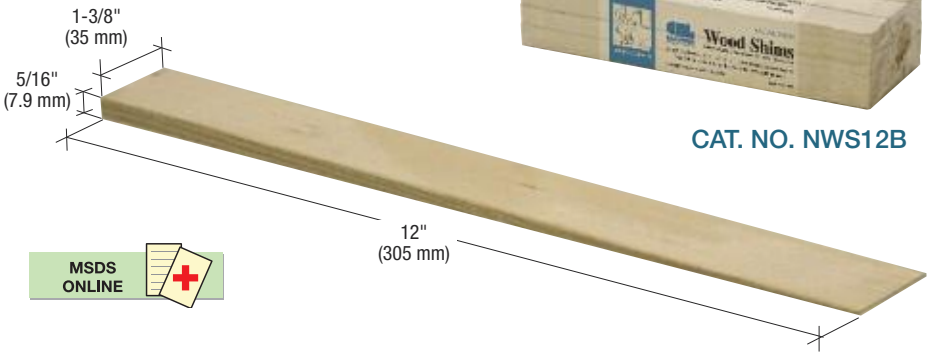
CRL Tapered BEDDAR WOOD® Shims

- Made From Winter Harvested Beddar Wood
- New Larger Size Shims are a Better Value

MSDS ONLINE



CAT. NO. NWS12B



CRL BEDDAR WOOD® Shims snap cleaner than traditional pine shims. Wood Shims are used for leveling door and window frames, cabinets and large appliances; and can also be used for stirring paints and stains or spreading mastics and adhesives.

CAT. NO.	TYPE	PACKAGING
NWS12B	BEDDAR WOOD®	42 Per Bundle
NWS12	Bulk BEDDAR WOOD®	504 Per Carton

Minimum order: 1 bundle or carton. Can be combined with other Wood Shims for quantity pricing.

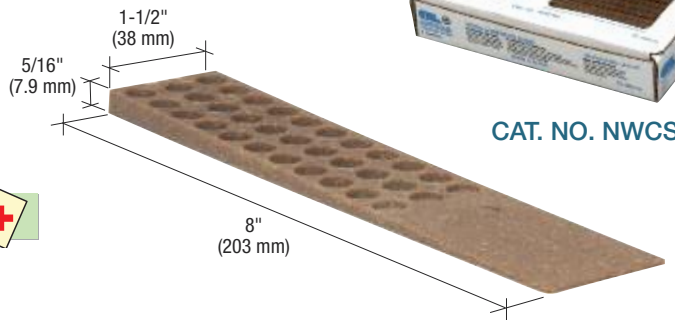
CRL Tapered Wood Composite Shims

- New Technology in Wood Shims
- Snaps Four Times Easier and Cleaner Than Traditional Wood

MSDS ONLINE



CAT. NO. NWCS8



These CRL Wood Composite Shims are made from a composite of wood and plastic providing both building and environmental advantages. Wood Composite Shims have the following building advantages: 35% better load support than traditional wood; waterproof; impervious to insects; will not mildew or rot; and resist splitting, splintering, swelling and warping.

CAT. NO.	TYPE	SHIMS/CARTON
NWCS8	Wood Composite	32
BWCS8	Bulk Wood Composite	288

Minimum order: 1 carton. Can be combined with other shims for quantity pricing.

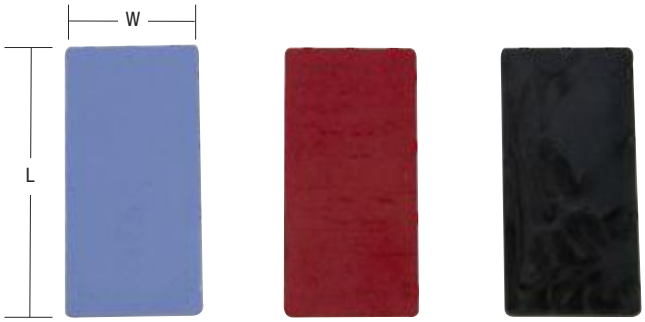
BEDDAR WOOD is a registered trademark of Airmark, Inc.

CRL Plastic Bearing Shimstrips

- High Compressive Strength Maintains Uniform Thickness
- Color Coded for Convenience
- Easy Snap Off

MSDS ONLINE

MORE INFORMATION crlaurence.com



These CRL Plastic Bearing Shimstrips are intended for use in placing and leveling curtainwall and storefront metal in concrete openings. They are made of an extremely strong multipolymer plastic that withstands tremendous loads without compressing or deteriorating due to chemicals, moisture or rust. These solid shims can be drilled in the center to allow placement over the bolt which prevents the shim from possibly moving, as can happen with horseshoe shims with slots. The 4" x 2" (102 x 51 mm) shims snap from the factory strip, and are available in thicknesses of 1/16", 1/8", and 1/4" (1.6, 3.2, and 6.3 mm).



CAT. NO.	COLOR	"T" THICKNESS	"W" WIDTH	"L" LENGTH	QTY/CONTAINER
PBS06	Blue	1/16" (1.6 mm)	2" (51 mm)	4" (102 mm)	100
PBS08	Red	1/8" (3.2 mm)	2" (51 mm)	4" (102 mm)	100
PBS04	Black	1/4" (6.3 mm)	2" (51 mm)	4" (102 mm)	100

Minimum order: 100 each. Must order in increments of 100. Sizes can be combined for quantity pricing.

CRL Aluminum Shim Strips

- Available in Three Thicknesses to Adjust Aluminum Base Shoe to Plumb Position

CRL Aluminum Shim Strips are used under one side of Heavy Aluminum Base Shoe to adjust it into a plumb position before securing it with the fasteners. The length can be trimmed as required for an exact fit.





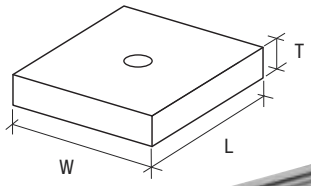
CAT. NO.	THICKNESS	WIDTH	LENGTH	QTY/PKG
BSS164	1/64" (.4 mm)	3/4" (19 mm)	24" (610 mm)	10
BSS132	1/32" (.8 mm)	3/4" (19 mm)	24" (610 mm)	10
BSS116	1/16" (1.6 mm)	3/4" (19 mm)	24" (610 mm)	10

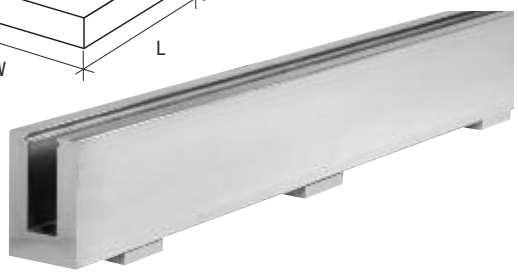
Minimum order: 1 package. Sizes can be combined for quantity pricing.

CRL Aluminum Drain Blocks

- Placed Under Aluminum Base Shoe to Provide Drainage Space
- Great for Balconies and Decks







Place CRL Aluminum Drain Blocks under exterior installed Base Shoes to provide drainage space for water run-off. This is especially important where Base Shoe will be installed on balconies or decks where water could pool unless proper drainage is available. One Drain Block should be placed under each mounting hole. Blocks can be rotated to fit different width Base Shoes.

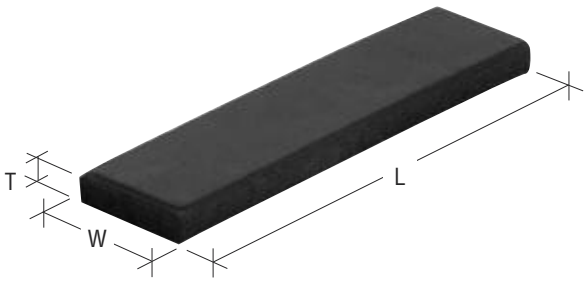
CAT. NO.	"T" THICKNESS	"W" WIDTH	"L" LENGTH	QTY/PKG
BSDB38	3/8" (9.5 mm)	2-1/4" (57 mm)	2-1/2" (63 mm)	10
BSDB58	3/8" (9.5 mm)	2-1/4" (57 mm)	2-5/8" (67 mm)	10
BSDB34	3/8" (9.5 mm)	2-1/4" (57 mm)	2-3/4" (70 mm)	10
LSDB21	3/8" (9.5 mm)	2-1/4" (57 mm)	3-3/16" (81 mm)	10

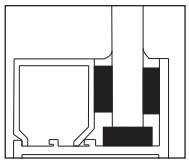
Minimum order: 1 package. Sizes can be combined for quantity pricing.

CRL Neoprene Setting Blocks

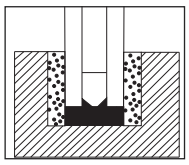
- **The Preferred Method for Centering and Cushioning Glass**
- **80 Durometer Hardness**

CRL Neoprene Setting Blocks cushion and support glass, and act as a centering device for glass installed in channels. The neoprene composition of the blocks makes them resilient, so that glass cushioned by them can withstand vibration, shock, and heavy wind loads. **NOTE:** May discolor clear and light colored silicones.





Setting Blocks used to cushion and/or center glass in a typical installation



Setting Blocks used as a cushion for insulating glass units

TECHNICAL INFORMATION:
Polymer: Neoprene; Temperature Range: -30 to +200°F (-34 to +93°C); Hardness, Shore A: 80±5; Tensile, PSI: 750; Elongation, %: 250.

CAT. NO.	"T" THICKNESS	"W" WIDTH	"L" LENGTH
SB569	1/16" (1.6 mm)	1/4" (6.3 mm)	2" (50.8 mm)
SB561	1/16" (1.6 mm)	1/2" (12.7 mm)	2" (50.8 mm)
SB587	1/16" (1.6 mm)	1" (25.4 mm)	2" (50.8 mm)
SB568	1/8" (3.2 mm)	1/4" (6.3 mm)	2" (50.8 mm)
SB560	1/8" (3.2 mm)	3/8" (9.5 mm)	2" (50.8 mm)
SB562	1/8" (3.2 mm)	1/2" (12.7 mm)	2" (50.8 mm)
SB583	1/8" (3.2 mm)	1" (25.4 mm)	2" (50.8 mm)
SB559	3/16" (4.8 mm)	3/8" (9.5 mm)	2" (50.8 mm)
SB582	3/16" (4.8 mm)	7/8" (22.2 mm)	2" (50.8 mm)
SB567	1/4" (6.3 mm)	1/4" (6.3 mm)	2" (50.8 mm)
SB566	1/4" (6.3 mm)	3/8" (9.5 mm)	2" (50.8 mm)
SB563	1/4" (6.3 mm)	1/2" (12.7 mm)	2" (50.8 mm)
SB584	1/4" (6.3 mm)	1" (25.4 mm)	2" (50.8 mm)
SB586	3/8" (9.5 mm)	1/2" (12.7 mm)	1" (25.4 mm)
SB564	3/8" (9.5 mm)	1/2" (12.7 mm)	2" (50.8 mm)
SB585	3/8" (9.5 mm)	1" (25.4 mm)	2" (50.8 mm)
SB565	1/2" (12.7 mm)	1/2" (12.7 mm)	2" (50.8 mm)

Minimum order: 100 each. Must be ordered in increments of 100. Sizes can be combined for quantity pricing.

CAT. NO.	"T" THICKNESS	"W" WIDTH	"L" LENGTH
SB596	1/16" (1.6 mm)	1/4" (6.3 mm)	4" (101.6 mm)
SB578	1/16" (1.6 mm)	1/2" (12.7 mm)	4" (101.6 mm)
SB590	1/16" (1.6 mm)	1-1/8" (28.5 mm)	4" (101.6 mm)
SB570	1/8" (3.2 mm)	1/4" (6.3 mm)	4" (101.6 mm)
SB579	1/8" (3.2 mm)	1/2" (12.7 mm)	4" (101.6 mm)
SB574	1/8" (3.2 mm)	3/4" (19 mm)	4" (101.6 mm)
SB576	1/8" (3.2 mm)	1" (25.4 mm)	4" (101.6 mm)
SB591	1/8" (3.2 mm)	1-1/8" (28.5 mm)	4" (101.6 mm)
SB571	3/16" (4.8 mm)	7/16" (11.1 mm)	4" (101.6 mm)
SB589	3/16" (4.8 mm)	7/8" (22.2 mm)	4" (101.6 mm)
SB572	1/4" (6.3 mm)	3/8" (9.5 mm)	4" (101.6 mm)
SB580	1/4" (6.3 mm)	1/2" (12.7 mm)	4" (101.6 mm)
SB573	1/4" (6.3 mm)	5/8" (15.9 mm)	4" (101.6 mm)
SB575	1/4" (6.3 mm)	3/4" (19 mm)	4" (101.6 mm)
SB577	1/4" (6.3 mm)	1" (25.4 mm)	4" (101.6 mm)
SB588	1/4" (6.3 mm)	7/8" (22.2 mm)	4" (101.6 mm)
SB592	1/4" (6.3 mm)	1-1/8" (28.5 mm)	4" (101.6 mm)
SB593	3/8" (9.5 mm)	1-1/8" (28.5 mm)	4" (101.6 mm)
SB581	1/2" (12.7 mm)	1/2" (12.7 mm)	4" (101.6 mm)
SB594	1/2" (12.7 mm)	1-1/8" (28.5 mm)	4" (101.6 mm)
SB595	5/8" (15.9 mm)	1-1/8" (28.5 mm)	4" (101.6 mm)

Minimum order: 100 each. Must be ordered in increments of 100. Sizes can be combined for quantity pricing.

CRL Bulk Rolled Setting Block Material

MORE CHOICES crlaurence.com

The 80 durometer neoprene or PVC composition. These economical bulk rolls can be cut to any length for each application.



CAT. NO.	MATERIAL	"T" THICKNESS	"W" WIDTH	"L" LENGTH
SBRL2	Neoprene	1/8" (3.2 mm)	3/4" (19 mm)	100' (30.5 m)
SBRL4	Neoprene	1/8" (3.2 mm)	1" (25.4 mm)	100' (30.5 m)
SBRL1	Neoprene	1/4" (6.3 mm)	5/8" (15.9 mm)	100' (30.5 m)
SBRL3	Neoprene	1/4" (6.3 mm)	3/4" (19 mm)	100' (30.5 m)
SBRL5	Neoprene	1/4" (6.3 mm)	1" (25.4 mm)	100' (30.5 m)
SBRL6	PVC	1/16" (1.6 mm)	1" (25.4 mm)	100' (30.5 m)
SBRL6B	PVC	1/16" (1.6 mm)	1" (25.4 mm)	1000' (305 m)
SBRL4B	PVC	1/8" (3.2 mm)	1" (25.4 mm)	500' (152.4 m)
SBRL7	PVC	3/16" (4.8 mm)	1" (25.4 mm)	100' (30.5 m)
SBRL7B	PVC	3/16" (4.8 mm)	1" (25.4 mm)	500' (152.4 m)
SBRL5B	PVC	1/4" (6.3 mm)	1" (25.4 mm)	350' (106.7 m)

Minimum order: 1 roll. Sizes can be combined for quantity pricing.

CRL Neoprene Setting Blocks in Custom Sizes

- **Different Durometers Available**

Contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. Ask for Ext. 5275.

We can custom cut blocks, strips, or rolls of neoprene rubber to the exact specifications for your job. To order, we need the following information:

1. Specify length, width, and thickness of each different size.
2. Durometer (hardness) required of the material.
3. The quantities of each size you want.

NOTE: All custom size orders for neoprene are non-returnable.

CRL Thermoplastic Rubber (TPR) Setting Blocks

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• Compatible With Silicone, Butyl, Polyurethane, and Polysulfide Sealants

CRL Thermoplastic Rubber (TPR) Setting Blocks are compatible with almost anything, meaning you can use them in designs calling for the use of modern structural glazing sealants. They are formed of a 90 durometer shore hardness thermoplastic rubber that performs as well as traditional neoprene setting blocks. Job specific testing prior to start up is recommended with each silicone sealant manufacturer.



TPR Blocks will not discolor applied sealants like neoprene blocks can.

CAT. NO.	"T" THICKNESS	"W" WIDTH	"L" LENGTH
TPR569	1/16" (1.6 mm)	1/4" (6.3 mm)	2" (50.8 mm)
TPR561	1/16" (1.6 mm)	1/2" (12.7 mm)	2" (50.8 mm)
TPR560	1/8" (3.2 mm)	3/8" (9.5 mm)	2" (50.8 mm)
TPR568	1/8" (3.2 mm)	1/4" (6.3 mm)	2" (50.8 mm)
TPR562	1/8" (3.2 mm)	1/2" (12.7 mm)	2" (50.8 mm)
TPR576	1/8" (3.2 mm)	1" (25.4 mm)	4" (101.6 mm)
TPR559	3/16" (4.8 mm)	3/8" (9.5 mm)	2" (50.8 mm)

Minimum order: 100 each. Must be ordered in increments of 100. Sizes can be combined for quantity pricing.

CAT. NO.	"T" THICKNESS	"W" WIDTH	"L" LENGTH
TPR567	1/4" (6.3 mm)	1/4" (6.3 mm)	2" (50.8 mm)
TPR566	1/4" (6.3 mm)	3/8" (9.5 mm)	2" (50.8 mm)
TPR563	1/4" (6.3 mm)	1/2" (12.7 mm)	2" (50.8 mm)
TPR577	1/4" (6.3 mm)	1" (25.4 mm)	4" (101.6 mm)
TPR564	3/8" (9.5 mm)	1/2" (12.7 mm)	2" (50.8 mm)
TPR565	1/2" (12.7 mm)	1/2" (12.7 mm)	2" (50.8 mm)
TPR578	5/8" (15.9 mm)	1" (25.4 mm)	4" (101.6 mm)

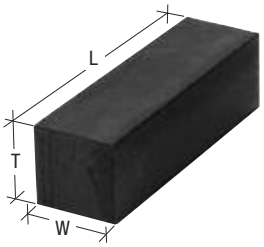
Minimum order: 100 each. Must be ordered in increments of 100. Sizes can be combined for quantity pricing.

CRL EPDM Rubber Setting Blocks

• 80 Durometer Hardness

MSDS ONLINE

CRL EPDM Rubber Setting Blocks are more durable than Silicone Rubber Setting Blocks, and have better resistance to the effects of weather and ultraviolet rays. They have been used successfully in past glazing applications in conjunction with Saflex® (PVB) interlayer laminated glass. **NOTE:** Do not use them with silicone sealants, as there is a potential for bleed-through of color.



CAT. NO.	"T" THICKNESS	"W" WIDTH	"L" LENGTH
SBEP1	1/16" (1.6 mm)	1-1/8" (28.5 mm)	4" (101.6 mm)
SBEP2	1/8" (3.2 mm)	1-1/8" (28.5 mm)	4" (101.6 mm)
SBEP3	3/16" (4.8 mm)	1-1/8" (28.5 mm)	4" (101.6 mm)
SBEP4	1/4" (6.3 mm)	1-1/8" (28.5 mm)	4" (101.6 mm)
SBEP5	3/8" (9.5 mm)	1-1/8" (28.5 mm)	4" (101.6 mm)
SBEP6	1/2" (12.7 mm)	1-1/8" (28.5 mm)	4" (101.6 mm)
SBEP7	1/2" (12.7 mm)	7/16" (11.1 mm)	4" (101.6 mm)
SBEP8	1-1/8" (28.5 mm)	1-1/8" (28.5 mm)	4" (101.6 mm)
SBEP9	5/8" (15.9 mm)	1-1/8" (28.5 mm)	4" (101.6 mm)

Minimum order: 100 each. Must be ordered in increments of 100. Sizes can be combined for quantity pricing.

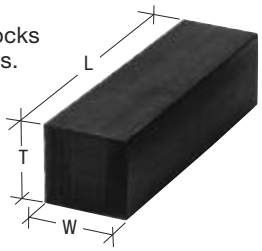
CRL Silicone Rubber Setting Blocks

• Compatible With, and Will Not Discolor Most Silicone Sealants

MSDS ONLINE

• 80 Durometer Hardness

These CRL Silicone Rubber Setting Blocks are compatible with most silicone sealants. To ensure sealant to block compatibility, the manufacturer of the silicone sealant can test the compatibility of job site representative accessory materials with their silicone sealants using ASTM C1087-87. Testing takes approximately four weeks from receipt of samples.



CAT. NO.	"T" THICKNESS	"W" WIDTH	"L" LENGTH
SBSN1	1/16" (1.6 mm)	1-1/8" (28.5 mm)	4" (101.6 mm)
SBSN2	1/8" (3.2 mm)	1-1/8" (28.5 mm)	4" (101.6 mm)
SBSN3	3/16" (4.8 mm)	1-1/8" (28.5 mm)	4" (101.6 mm)
SBSN4	1/4" (6.3 mm)	1-1/8" (28.5 mm)	4" (101.6 mm)
SBSN5	3/8" (9.5 mm)	1-1/8" (28.5 mm)	4" (101.6 mm)
SBSN6	1/2" (12.7 mm)	1-1/8" (28.5 mm)	4" (101.6 mm)
SBSN7	1/2" (12.7 mm)	7/16" (11.1 mm)	4" (101.6 mm)
SBSN8	1-1/8" (28.5 mm)	1-1/8" (28.5 mm)	4" (101.6 mm)

Minimum order: 100 each. Must be ordered in increments of 100. Sizes can be combined for quantity pricing.

CRL "Vinyl Set" Bevelled Corner Setting Blocks

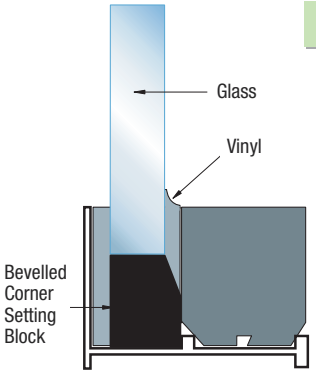
MORE INFORMATION crlaurence.com

• Helps Eliminate "Waves" in Vinyl

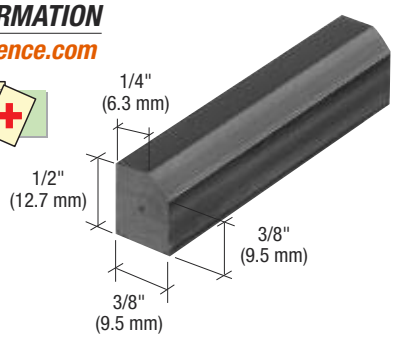
• Compatible With Silicone, Polyurethan and Polysulfide Sealants

• 90 Durometer Hardness

Our "Vinyl Set" Bevelled Corner Setting Blocks are sure to save you time. You will not need to notch the vinyl, and this will also eliminate the waves in the vinyl that you normally get with standard setting blocks. Vinyl Set Bevelled Corner Blocks are made of a 90 durometer material compatible with Silicone, Polyurethane, and Polysulfide. Two lengths are available.



MSDS ONLINE



CAT. NO.	"L" LENGTH
TPVS1	2" (50.8 mm)
TPVS2	4" (101.6 mm)

Minimum order: 100 each. Must be ordered in increments of 100. Sizes can be combined for quantity pricing.

Saflex is a registered trademark of Solutia Inc.

CRL Clear Plastic Setting Blocks



- Barely Visible Blocks are Great for Use in Mirror and Frameless Shower Installations
- 80 ±5 Durometer Hardness

MSDS ONLINE

MORE INFORMATION crlaurence.com



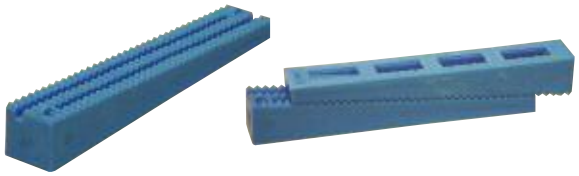
.040" Thick (1 mm) **PSB040** | .080" Thick (2 mm) **PSB080** | 1/8" Thick (3.2 mm) **PSB125** | 5/32" Thick (4 mm) **PSB156** | 1/4" Thick (6.4 mm) **PSB250** | 3/8" Thick (9.5 mm) **PSB375**

CRL Clear Plastic Setting Blocks are especially suited for use where black neoprene or thermoplastic rubber setting blocks are undesirable, such as mirror or 'all-glass' frameless shower door installations. They are barely visible in the bottoms of Mirror J-Channel, or on the bottom of sliding track H-Bar. CRL Clear Plastic Setting Blocks make glass leveling very simple in shower enclosures, and are available in six different thicknesses.

CAT. NO.	"T" THICKNESS	"W" WIDTH	"L" LENGTH
PSB040	.040" (1 mm)	1/4" (6.4 mm)	2" (50.8 mm)
PSB080	.080" (2 mm)	1/4" (6.4 mm)	2" (50.8 mm)
PSB125	1/8" (3.2 mm)	1/4" (6.4 mm)	2" (50.8 mm)
PSB156	5/32" (4 mm)	1/4" (6.4 mm)	2" (50.8 mm)
PSB250	1/4" (6.4 mm)	1/4" (6.4 mm)	2" (50.8 mm)
PSB375	3/8" (9.5 mm)	1/4" (6.4 mm)	2" (50.8 mm)

Minimum order: 100 each. Must be ordered in increments of 100. Sizes can be combined for quantity pricing.

CRL Self-Aligning Adjustable Setting Blocks



CRL Self-Aligning Adjustable Setting Blocks have a unique molded fin and slot that ensures proper alignment without slippage. The fine teeth allow for thickness adjustments from 3/8" to 11/16" (9.5 to 17.5 mm). These high impact plastic blocks will not chip glass edges and will not deteriorate under extreme temperature variances.

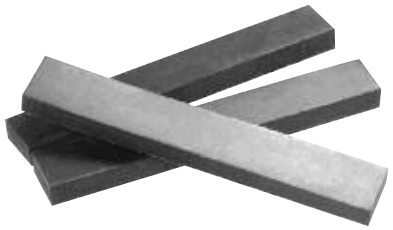
CAT. NO.	WIDTH	LENGTH	QTY/PKG
ASB38	3/8" (9.5 mm)	2-3/8" (60 mm)	100 Pair

Minimum order: 100 pair. Must be ordered in increments of 100.

CRL Rigid Rubber Spacing Blocks With Adhesive

- Adhesive Back Holds Spacing Block in Place

CRL Rigid Rubber Spacing Blocks With Adhesive provide even spacing between glass panels. They are always necessary on slant stair installations to prevent the glass panels from sliding down. They are easily installed and perfectly aligned every time using the CRL Cat. No. RSB1T Installation Tool (see page TE096). **NOTE**: You must cut 5/8" (16 mm) off of the length of the Spacing Block when used with our B5L Series Low Profile Base Shoe.

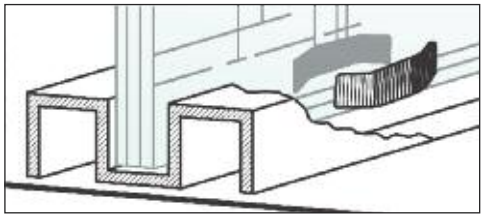


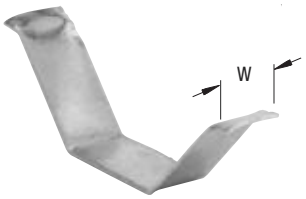
CAT. NO.	FITS BASE SHOE SERIES	THICKNESS	WIDTH	LENGTH	QTY/PKG
GR5ASB	B5S, B5T, B5A, B5L, B6S, L56S, and 8B	1/4" (6.3 mm)	1/2" (12 mm)	3-5/16" (84 mm)	100
GR7ASB	B7S	1/4" (6.3 mm)	3/4" (19 mm)	3-5/16" (84 mm)	100
LGR21SB	L21S	1/4" (6.3 mm)	7/8" (22 mm)	3-5/16" (84 mm)	100
LGR25SB	L25S	1/4" (6.3 mm)	1" (25 mm)	3-5/16" (84 mm)	100

Minimum order: 100 each. Blocks must be ordered in increments of 100. Sizes can be combined for quantity pricing.

CRL Wedgit Glass Centering Springs

- Keeps Glass Centered in Channel Prior to Sealant Application





CAT. NO. W316

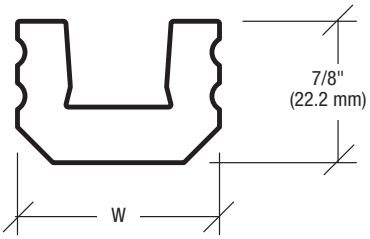
CRL Wedgits are steel springs are used for filling up the space and preventing rattles when using glass or plastic that is thinner than the channel it is being used in, or to center glass panels in wood or metal channels prior to sealant application. By placing Wedgits directly opposite each other at regular intervals, the glass will maintain a uniformly spaced position in the center of the channel, promoting a more even distribution of sealant on both sides.

CAT. NO.	WIDTH	BOX WEIGHT	APPROX. QTY/BOX
W316	3/16" (5 mm)	1 lb (454 g)	1210
W516	5/16" (8 mm)	1 lb (454 g)	720
W318	3/8" (10 mm)	1 lb (454 g)	600

Minimum order: 1 lb. Sizes can be combined for quantity pricing.

CRL Glass Railing Setting and Centering Blocks

- Easily Center Glass Panels in Hand Rail Base Shoe
- Supports Glass Panels for Expanding Cement Installations
- Available in 4" (102 mm) Cut Pieces or 25' (7.6 m) Bulk Rolls







CRL Setting and Centering Blocks are available for use with our B5L, B5S, B5T, B6S, B7S, L56S, L21S, and L25S Series Base Shoe. Stocked in pre-cut 4" (102 mm) pieces, they are made of black EPDM rubber for durability and longevity. **NOTE:** Three are available in 25' (7.6 m) rolls that can be cut to any length. CRL recommends two 4" (102 mm) pieces located at quarter points along the bottom edge of each glass panel.

CAT. NO.	GLASS THICKNESS	BASE SHOE SERIES	"W" WIDTH	PACKAGING
GR4UB4	5 mm ●	B6S	1-1/4" (31.7 mm)	*20 each 4" (102 mm) per Pack
GR5UB4	1/2" (12 mm) ●	B5S, B5T, B5L	1" (25.4 mm)	*20 each 4" (102 mm) per Pack
GR6UB4	5/8" (16 mm) ●	B7S	1-1/4" (31.7 mm)	*20 each 4" (102 mm) per Pack
GR7UB4	3/4" (19 mm) ●	B7S	1-1/4" (31.7 mm)	*20 each 4" (102 mm) per Pack
LGR56UB4	9/16" (13.52 mm)**	L56S	1-1/4" (31.7 mm)	*20 each 4" (102 mm) per Pack
LGR8UB4	27/32" (21.52 mm)**	L21S	1-5/8" (41.3 mm)	*20 each 4" (102 mm) per Pack
LGR10UB4	1-1/16" (25.52 mm)**	L25S	1-3/4" (44.5 mm)	*20 each 4" (102 mm) per Pack
GR5UB25	1/2" (12 mm) ●	B5S, B5T, B5L	1" (25.4 mm)	▲25' (7.6 m) per Roll
GR6UB25	5/8" (16 mm) ●	B7S	1-1/4" (31.7 mm)	▲25' (7.6 m) per Roll
GR7UB25	3/4" (19 mm) ●	B7S	1-1/4" (31.7 mm)	▲25' (7.6 m) per Roll

*Minimum order for 4" (102 mm) pieces is 20 each. Must be ordered in increments of 20. ▲Minimum order: 1 roll. ● Monolithic Glass. ** Laminated Glass.

CRL SurfaceMate Angle Adjust Curved Blocks

SurfaceMate Angle Adjust Curved Blocks (Cat. No. AACS1) are placed directly beneath the SurfaceMate Base Shoe at each bolt hole location. They are slotted to allow for minor adjustments to the placement of the block so that the base shoe can be adjusted to perfect plumb. There is also an Angle Adjust Curved Block (Cat. No. AACS2) that can be used in fascia mount application of SurfaceMate Base Shoe. Go to **crlaurence.com** for detailed diagrams of mounting methods.



AACS1



AACS2

CAT. NO.	DESCRIPTION
AACS1	One-Piece Curved Block for Bottom Mount Installations
AACS2	Two-Piece Curved Block for Fascia Mount Installations

Minimum order: 10 each. Must be ordered in increments of 10.

CRL Aluminum/Neoprene Setting Blocks for Glass

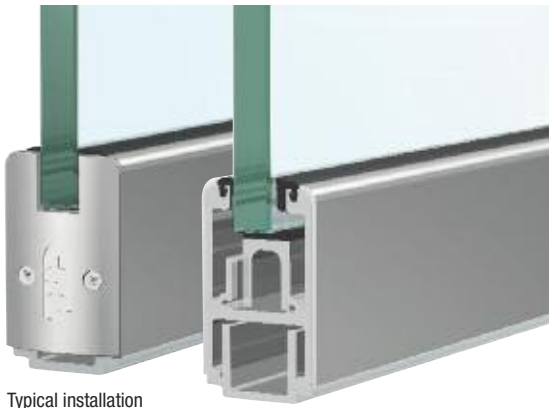
MORE INFORMATION crlaurence.com

- Protects Glass Edge While Providing Rigid Glass Support in Sidelite Rails and U-Channel
- Provides Proper Height for Recommended Glass Coverage

CRL Aluminum Setting Blocks with Neoprene are used to provide a rigid glass support for the bottom of our Sidelite Rails and our U-Channel with Roll-In Top Load Gasket. They are the proper height to provide 9/16" (14.3 mm) glass coverage in both the Top and Bottom Channels when glazed with the "lift and drop" method. Minimum order is one each.



Length 4" (102 mm)
Width 5/8" (16 mm)
Height 7/8" (22 mm)



Typical installation in sidelite rail

CAT. NO. UCSB4

CRL All Purpose Putty

- Glazes Wood, Metal, and Aluminum Sash
- Ideal for Over-The-Counter Sales
- Available in Two Colors



SPEC. DATA ONLINE

MSDS ONLINE

Off-White Gray
Colors shown are approximate

Apply CRL All Purpose Putty in most any glazing application to wood, steel, and aluminum sash. Its special formulation adheres firmly to sash and glass, and outlasts ordinary putties.

Surfaces should be clean, dry, and free of frost. When re-glazing, remove all old putty and bedding. If necessary, place glazing in hands and roll into coils to warm and soften. Smooth glazing to an angle that sheets water. Typical dry time before painting is four to eight weeks, depending on temperature and humidity. Putty must be painted after it has skinned over and attained a firm set. For best results, use a high quality oil-based paint.
Technical Data: Meets the requirements of Federal Specification TT-G-410E; ASTM C 669-75, C669, D2249, D2376, C797.
Important Note: Do not thin putty. Check Specification Data Sheet online for additional limitations.

OFF-WHITE CAT. NO.	GRAY CAT. NO	SIZE	QTY/CASE
533HPW	533HPGRY	Half Pint (237 ml)	24
533QTW	533QTGRY	Quart (946 ml)	6
533GLW	533GLGRY	Gallon (3.785 l)	2
5333GLW	5333GLGRY	3 Gallon (11.35 l)	1
5335GLW	5335GLGRY	5 Gallon (19 l)	1

Minimum order: 1 each. Can be combined with similarly sized putties for quantity pricing

CRL Wood Sash Putty

- High Quality Formulation for Face Glazing of Wood Sash
- Goes on Smoothly and Evenly

MORE INFORMATION crlaurence.com



SPEC. DATA ONLINE

MSDS ONLINE

Off-White
Color shown is approximate

CRL Wood Sash Putty is formulated for application to wood. It goes on smooth and evenly, and its off-white color blends with most unfinished wood surfaces.

Surfaces should be clean, dry, and free of frost. For best results, prime wood first with an oil-based primer. When re-glazing, remove all old putty and bedding. If necessary, place glazing in hands and roll into coils to warm and soften. Smooth glazing to an angle that sheets water. Typical dry time before painting is four to eight weeks, depending on temperature and humidity. Putty must be painted after it has skinned over and attained a firm set. For best results, use a high quality oil-based paint.
Technical Data: Meets the requirements of Federal Specification TT-G-410E; ASTM C 669-75, C669, D2249, D2376, C797.
Important Note: Do not thin putty. Check Specification Data Sheet online for additional limitations.

CAT. NO.	COLOR	SIZE	QTY/CASE
500HP	Off-White	Half Pint (237 ml)	24
500QT	Off-White	Quart (946 ml)	6
500GL	Off-White	Gallon (3.785 l)	2
5003GL	Off-White	3 Gallon (11.35 l)	1
5005GL	Off-White	5 Gallon (19 l)	1

Minimum order: 1 each. Can be combined with similarly sized putties for quantity pricing.

CRL Metal Sash Putty

- Use for Steel, Aluminum, or Galvanized Window Sash
- Applies Smoothly Without Priming



SPEC. DATA ONLINE

MSDS ONLINE

Gray
Color shown is approximate

Made expressly for glazing in steel, aluminum or galvanized window sash. CRL Metal Sash Putty is made to apply smoothly, without priming. The gray color blends with the metal finish.

Surfaces should be clean, dry, and free of frost. When re-glazing, remove all old putty and bedding. If necessary, place glazing in hands and roll into coils to warm and soften. Smooth glazing to an angle that sheets water. Typical dry time before painting is four to eight weeks, depending on temperature and humidity. Putty must be painted after it has skinned over and attained a firm set. For best results, use a high quality oil-based paint.
Technical Data: Meets the requirements of Federal Specification TT-G-410E; ASTM C 669-75, C669, D2249, D2376, C797.
Important Note: Do not thin putty. Check Specification Data Sheet online for additional limitations.

CAT. NO.	COLOR	SIZE	QTY/CASE
528HP	Gray	Half Pint (237 ml)	24
528QT	Gray	Quart (946 ml)	6
528GL	Gray	Gallon (3.785 l)	2
5283GL	Gray	3 Gallon (11.35 l)	1
5285GL	Gray	5 Gallon (19 l)	1

Minimum order: 1 each. Can be combined with similarly sized putties for quantity pricing.

CRL Dap® '33' Glazing Compound

SPEC. DATA ONLINE

MSDS ONLINE

- Smooth Creamy Consistency
- Ready to Use for Wood or Metal Sash
- Must Be Painted

White
Color shown is approximate



CRL Dap® '33' Glazing Compound is smooth and flexible, and comes ready to use for face glazing wood and metal window frames. Its adhesion to both glass and sash is excellent, and forms a dependable air-and watertight seal that resists sagging, shrinking, chalking, and cracking.

Wood sash that is not primed or painted must be primed first with an oil-based primer and allowed to dry. Do not thin glazing compound. If necessary, place glazing in hands and roll into coils to warm and soften. Typical dry time before painting is one to two weeks, depending on temperature and humidity. Putty must be painted after it has skinned over and attained a firm set. For best results, use a high quality oil-based paint, or if using a latex paint, prime first with a high quality oil-based primer.

CAT. NO.	COLOR	SIZE	QTY/CASE
33HPW	White	Half Pint (237 ml)	12
33PTW	White	Pint (473 ml)	12
33QTW	White	Quart (946 ml)	6
33GLW	White	Gallon (3.785 l)	2
DAP12124	White	3.5 Gallon (13 l)	1

Minimum order: 1 each. Sizes can be combined for quantity pricing.

CRL Dap® '1012' Glazing Metal Sash Putty

SPEC. DATA ONLINE

MSDS ONLINE

- Formulated for Exterior or Interior Metal Sash
- Gray Color to Match Metal Finishes
- Does Not Have to Be Painted

Gray
Color shown is approximate

MORE INFORMATION crlaurence.com



CRL Dap® '1012' Metal Sash Putty is formulated for face glazing interior or exterior aluminum, primed steel, stainless steel, and galvanized steel sash. It applies and sets quickly and smoothly without priming, and is colored to match metal finishes. Glazing may be painted with oil or latex-based paint after it has skinned over and attained a firm set. Typical dry time before painting is two to three weeks, depending on temperature and humidity. Meets Federal Specification TT-G-410E, ASTM C-669, and CID A-A-373A.

CAT. NO.	COLOR	SIZE	QTY/CASE
1012GL	Gray	Gallon (3.785 l)	2
DAP12056	Gray	3.5 Gallon (13 l)	1

Minimum order: 1 each. Sizes can be combined for quantity pricing.

CRL Dap® Latex Window Glazing Compound

SPEC. DATA ONLINE

MSDS ONLINE

- Easy Application From Caulking Tube
- Paintable in as Little as Only Three Days



White
Color shown is approximate

CRL Dap® Latex Glazing is an easy-working compound for back bedding and face glazing window sash. It adheres well to wood, aluminum, steel, and galvanized sash for a weathertight seal. Its smooth, consistent texture can be applied directly from the cartridge, requires no kneading and resists shrinking and cracking. 10.1 fluid ounce (300 ml) tube size features a unique, rectangular shaped nozzle for uniform bead. Excess glazing can be removed with soap and water before it sets. Dries to touch in two hours. Typical dry time before required painting is three to seven days, depending on temperature and relative humidity. The white color compound can be painted with latex paint after three days. Oil-based paint may be applied after one week. Specification: Meets ASTM Spec C-669-95.

CAT. NO.	COLOR	SIZE	QTY/CASE
DAP13TU	White	10.1 Fl. Oz. (300 ml)	12

Minimum order: 1 each. All Cartridge Sealants can be combined for quantity pricing.

DAP is a registered trademark of RPM International Inc.

CRL Russell® 1-1/8" Bent Knife

MORE CHOICES crlaurence.com



- **Our Best Seller Has a Stiff Blade Riveted to a Rosewood Handle**

This knife's stiff, steel blade is riveted into the rosewood handle and held by a heavy-duty support. Preferred smooth 35 degree radius bend in the blade. The blade width is 1-1/8" (29 mm), and the overall length is 6-1/2" (165 mm). **NOTE:** Not available in Australia. Minimum order is one each.

CAT. NO. 2BE118

CRL Lamson 3/4" Bent Knife



- **Smooth 35 Degree Radius Bend in a Stiff Steel Blade**

This knife's stiff steel blade is riveted into the wood handle and held by a heavy-duty support, with a preferred smooth 35 degree radius bend in the blade. The blade width is 3/4" (19 mm), and the overall length is 7-5/16" (186 mm). **NOTE:** Not available in Australia. Minimum order is one each.

CAT. NO. 900B34

CRL Red Devil® 1-1/4" Bent Knife



- **Solvent-Resistant Black Nylon Handle**
- **High Carbon Steel Blade**

The high carbon, precision-ground steel blade on the CRL Red Devil® 1-1/4" (32 mm) Stiff Bent Putty Knife extends through the black nylon solvent-resistant handle, with a 30 degree angle bend in the blade. The brass-plated, solid steel nail setting head can be used for setting drywall nails and other hammering jobs. The overall length is 7-1/2" (191 mm). Minimum order is one each.

CAT. NO. 4243

CRL Russell® 1-5/8" Bent Knife



- **Best Size for Steel Sash Work**

This knife's stiff steel blade is riveted into the rosewood handle and held by a heavy-duty support, with a preferred smooth 35 degree radius bend in the blade. The blade width is 1-5/8" (41 mm), and the overall length is 7-9/16" (192 mm). **NOTE:** Not available in Australia. Minimum order is one each.

CAT. NO. 416B

CRL Red Devil® 1-1/4" Stiff Knife



- **Solvent-Resistant Black Nylon Handle**
- **High-Carbon Steel Blade**

CRL Red Devil® Stiff Blade Knives feature a high-carbon, precision-ground steel blade that extends through the black nylon solvent-resistant handle. The brass-plated, solid steel nail setting head can be used for setting drywall nails and other hammering jobs. Blade width is 1-1/4" (32 mm). Overall length is 7-5/8" (194 mm). Minimum order is one each.

CAT. NO. 4201

Russell is a registered trademark of Dexter-Russell, Inc.
Red Devil is a registered trademark of Red Devil, Inc.

CRL Red Devil® 1-1/4" Stiff Knives



- **Plastic Handle Knives are Great for Retail Sales**
- **12 Per Box**

The CRL Stiff Putty Knives in a Countertop Box are good quality putty knives with steel blades set into a plastic handle, ideal for use in the shop or over-the-counter sales. The blade width is 1-1/4" (32 mm) and the overall length is 7-3/8" (187 mm). Packed 12 per box. Minimum order is one box.

CAT. NO. 4701

CRL Russell® 1-1/4" Stiff Knife

MORE CHOICES crlaurence.com



- **High Grade Tool Steel Blade**
- **Rosewood Handle**

High-grade tool steel blade make this CRL Russell® Stiff Blade Knife strong. The rosewood handle is riveted on. Blade width is 1-1/4" (32 mm). Overall length is 7-1/4" (184 mm). **NOTE:** Not available in Australia. Minimum order is one each.

CAT. NO. 3S114

CRL Russell® 1-1/4" Flexible Knife



- **High-Carbon Tool Steel Blade**
- **Rosewood Handle**

This CRL Russell® Flexible Putty Knife has a 1-1/4" (32 mm) wide, precision-ground and tempered, high-carbon tool steel blade. A metal bolster gives strength and protects the rosewood handle. Overall length is 7-1/4" (184 mm). **NOTE:** Not available in Australia. Minimum order is one each.

CAT. NO. 2F114

CRL Red Devil® 1-1/4" Flexible Knife



- **Precision-Ground Steel Blade**
- **Polished Wood Handle**

CRL Red Devil® Flexible Blade Knives feature a precision-ground, rust-resistant lacquered steel blade that extends through the polished wood handle for flexibility and long life. The brass-plated, solid steel nail-setting head can be used for setting drywall nails and other hammering jobs. Blade width is 1-1/4" (32 mm). Overall length is 7-3/4" (197 mm). **NOTE:** Not available in Australia. Minimum order is one each.

CAT. NO. 4102

CRL 1-1/2" Flexible Knife



- **High-Carbon Flexible Steel Blade**
- **Large Soft Grip Handle**

Our CRL Flexible Blade Knife features a high-carbon steel blade set in a large soft grip handle. Blade width is 1-1/2" (38 mm). Overall length is 8-3/4" (222 mm). Minimum order is one each.

CAT. NO. HW033

CRL Hyde® Hackout Knife



- **High-Carbon Tool Steel Blade**
- **Comfortable Oak Leather Handle**

The CRL Hyde® Hackout Knife has a blade made of high-carbon steel with a glaze finish. The broad-backed blade extends through the handle and is flanked with oak leather to provide a safe, comfortable grip. Three rivets secure the handle. Blade width is 1-1/4" (32 mm). Blade length is 4-1/2" (114 mm). Overall length is 8" (203 mm). Minimum order is one each.

CAT. NO. 40210

CRL Heavy-Duty Hacking Knife



- **Precision-Ground Blade Cuts Through the Hardest Putty**
- **Molded Plastic Handle**

The Heavy-Duty CRL Hacking Knife is perfect for removing old putty. It features a precision-ground blade with a molded plastic handle. Blade width is 1-1/4" (32 mm). Blade length is 4" (102 mm). Overall length is 8-1/2" (216 mm). Minimum order is one each.

CAT. NO. HK1

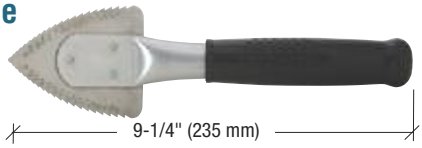
Russell is a registered trademark of Dexter-Russell, Inc.
Red Devil is a registered trademark of Red Devil, Inc.
Hyde is a registered trademark of Hyde Tools, Inc.

CRL PUTTY REMOVAL TOOLS

go to:
crlaurence.com/**putty-removal-tools**

CRL Hyde® Window Zipper

- Stainless Steel Blade With Serrated Edge Cuts Through Dried Paint and Hardened Window Caulks
- Tubular Metal Handle



CAT. NO. 4046
Minimum order is one each

CRL Russell® 1-1/4" (32 mm) Putty Chisel

- Quality High Grade Steel Chisel
- Laminated Wood Handle



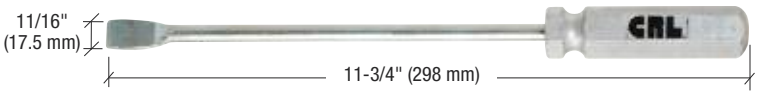
CAT. NO. 2CH114
Minimum order is one each
Not available in Australia

CRL Heavy-Duty Scrapers and Chisels

- Steel Blades and Shafts
- Used for Removing Old Putty
- Also Great as Gasket Scrapers



CAT. NO. 516WT
Clear Plastic Handle
Minimum order is one each



CAT. NO. GL100
Solid Aluminum Handle.
Minimum order is one each

CRL 8-in-1 Painter's Tool

- Large Soft Grip Handle
- A Must for Any Tool Box



CAT. NO. HW048
Minimum order is one each

CRL Hyde® 8-in-1 Painter's Tool

- Electrocoated Steel Blade
- Soft Grip Handle



CAT. NO. 06995
Minimum order is one each

CRL FEIN® SuperCut Sealant Cutter Knife Kit

- Removes Old, Hardened Putty Quickly and Easily
- Variable Speed Blade Oscillates 11,000 to 18,500 Times Per Minute
- Powerful 120V AC 3.3 AMP Motor
- Includes Case and 6 Blades

PROTECT

MORE INFORMATION
crlaurence.com



Mushroom Blade

Optional mushroom shaped blade for separating panes of insulating glass. Also for cutting silicone, soft putty, and elastic joint sealants. Minimum order is one each.



CAT. NO. FKB128

Caulking Blade

Flat blade for removing material while working on flush surfaces. Five each included in FK20618 Kit. Minimum order is one each.



CAT. NO. FKB17015

Sealant Blade

Straight, elongated blade for removing flexible sealing compounds in extremely deep joints. One each included in FK20618 Kit. Minimum order is one each.

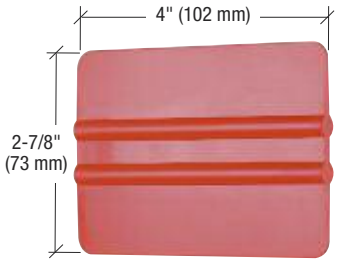


CAT. NO. FKB16011

CAT. NO. FK20618
FEIN® SuperCut Sealant Cutter Knife Kit
Minimum order is one each.

CRL Plastic Scraper

- Firm Double Edge Scraping Tool Won't Scratch Glass



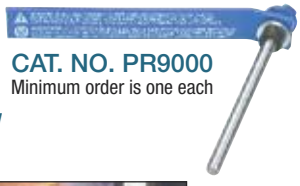
CAT. NO. 105
Minimum order is one each

Hyde is a registered trademark of Hyde Tools, Inc.
Russell is a registered trademark of Dexter-Russell, Inc.
FEIN is a registered trademark of C. & E. FEIN GmbH, LLC.

CRL Putty Remover

PROTECT

- Removes Hardened Putty Without Damaging the Glass or Sash
- Fits Any 1/4" to 3/8" Electric Drill



CAT. NO. PR9000
Minimum order is one each



CRL Fletcher® FrameMaster® Point Driver

- Quick Loading Reversible Point Magazine
- Uses 3/8" (9.5 mm) or 5/8" (16 mm) Points
- Adjustable Strike Force
- Durable Plastic Frame



CAT. NO. FM075
Minimum order is one each

CRL PD9 Diamond Point Driver

- All Metal Design
- Drives 5/16" Diamond Points
- Adjustable Strike Force
- Sets Points Perfectly Every Time

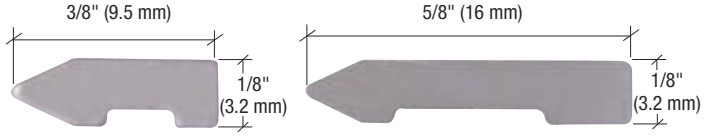
MORE INFORMATION crlaurence.com



CAT. NO. PD9
Minimum order is one each

CRL Fletcher® FrameMaster® Points

- Exclusively for the FrameMaster® Point Driver
- Wax-Free for a Strong Hold



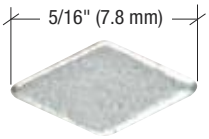
Glazier's Point | Framer's Point

CAT. NO.	DESCRIPTION	QTY/PK
FT898	3/8" (9.5 mm) Glazier's Points	5,000
FT895	5/8" (16 mm) Framer's Points	3,000

Minimum order: 1 package. All Glazing Points can be combined for quantity pricing except for 1B and 2B Bulk Points.

CRL No. 1 Diamond Points

- Stacked Points are Available in Two Package Quantities
- Works With Our PD9 Driver as Well as Older Model Point Drivers

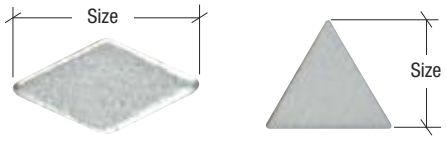


CAT. NO. 1P

CAT. NO.	DESCRIPTION	TOTAL POINTS
NW1P	Package of 5/16" (7.8 mm) Diamond Points	5,000
1P	Package of 5/16" (7.8 mm) Diamond Points	5,000
1B	Box (9 Packages) of 5/16" (7.8 mm) Diamond Points	45,000

Minimum order: 1 package or 1 box. All Glazing Points can be combined for quantity pricing except for 1B and 2B Bulk Points.

CRL Glazing Points for Older Point Drivers and Manual Tools



Diamond Points | Triangle Points

CAT. NO.	DESCRIPTION	SIZE	TOTAL POINTS
2P	Package of Stacked Diamond Points	1/2" (12.7 mm)	4,000
2B	Box (9 Packages) of Stacked Diamond Points	1/2" (12.7 mm)	36,000
NW5P	Package of Stacked No. 5 Triangle Points	3/8" (9.5 mm)	2,700
TP2	No. 2 Triangle Points Non-Stacked in Bulk	1/2" (12.7 mm)	1 lb. (.45 kg)
TP3	No. 3 Triangle Points Non-Stacked in Bulk	7/16" (11.1 mm)	1 lb. (.45 kg)

NOTE: Triangle Points are not stacked, but shipped in bulk. Minimum order: 1 package, 1 box, or 1 pound. All Glazing Points can be combined for quantity pricing except for 1B and 2B Bulk Points.

CRL Fletcher® PullMate™ Point Removal Tool

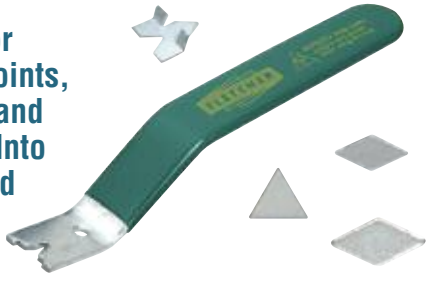
- Removes Fletcher® FrameMaster® Points From Wood Frames
- Rubberized Grip Provides Added Comfort and Helps Protect Framing Materials



CAT. NO. 09517
Minimum order is one each

CRL Fletcher® PushMate™ Point Insertion Tool

- Perfect Choice for Inserting Push Points, Triangle Points, and Diamond Points Into Wood Frames and Window Sash



CAT. NO. 09515
Minimum order is one each

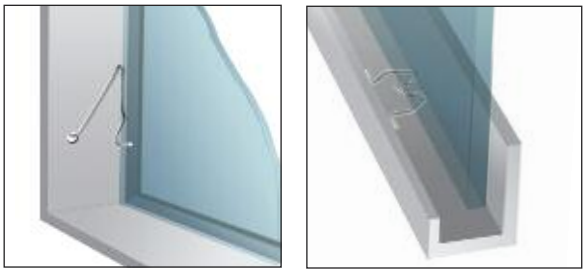
Fletcher and FrameMaster are registered trademarks of The Fletcher-Terry Company, LLC.

CRL Sash Glazing Clips

MORE INFORMATION crlaurence.com

- Available in High Tensile Spring Steel and Aluminum
- Keep Glass in Place Prior to Applying Putty

CRL Sash Glazing Clips are made to keep glass in place in aluminum and steel sash windows prior to application of putty. Lightweight high tensile spring clips hold glass securely in place, and are easy to install.



Typical Applications

For Residential Use





This 18 gauge residential Steel Sash Clip is used for both single or double thickness glass. It's our most widely used glazing clip. Both legs have a small bend at the end.

CAT. NO.	QTY/BOX
1800	1000
1800BULK	25000

Minimum order: 1 box. All clips on this page can be combined for quantity pricing.



This lightweight Aluminum Sash Clip is for double or single thickness glass in residential windows. Cannot be used for steel sash glazing. One leg has a small bend at the end.

CAT. NO.	QTY/BOX
AL18	1000

Minimum order: 1 box. All clips on this page can be combined for quantity pricing.

For Commercial Use





These heavyweight Steel Sash Clips are designed for use on 1/4" (6 mm) plate or rough glass in commercial installations. Each of the two legs has a small bend at the end.

CAT. NO.	QTY/BOX
1675	1000
1675BULK	25000

Minimum order: 1 box. All clips on this page can be combined for quantity pricing.



This commercial Aluminum Sash Clip is designed for heavyweight use on 1/4" (6 mm) plate or rough glass. Only one of the two legs has a small bend at the end.

CAT. NO.	QTY/BOX
AL16	1000

Minimum order: 1 box. All clips on this page can be combined for quantity pricing.

For Industrial Use



These Steel Sash Clips are used in glazing Truscon, Creco, Fenestra, Vento, Mesko and other well-known industrial steel sash.

CAT. NO.	QTY/BOX
S625C	1000

Minimum order: 1 box. All clips on this page can be combined for quantity pricing.



Aluminum butterfly style Sash Clip is designed for use on aluminum channel sash.

CAT. NO.	QTY/BOX
W26	1000

Minimum order: 1 box. All clips on this page can be combined for quantity pricing.



Butterfly style Sash Clip intended for use on aluminum channel sash.

CAT. NO.	QTY/BOX
W19	1000

Minimum order: 1 box. All clips on this page can be combined for quantity pricing.

CRL Handi-Seal® Window and Door Sealant

- **Exceptionally Low Pressure and Minimal Expansion Sealing Foam**
- **Virtually Eliminates Bowing of Window Frames**
- **Complies With AAMA Document # 812-04**





31 oz. (880 g) Can

SPEC. DATA ONLINE

MSDS ONLINE

NO AIR FREIGHT

CRL Handi-Seal® Window and Door Sealant is a one-component, closed cell polyurethane foam in a pressurized can specially formulated for window and door applications. Its unique low pressure and minimal expansion properties virtually eliminate the chance of bowing that can lead to customer callbacks. Complies with AAMA (American Architectural Manufacturers Association) Document #812-04 Industry Specification for proper installation of windows and doors. It extrudes the size of your pinky finger and expands to the size of your thumb.

Use for gaps less than 3" (76 mm) and in bead applications. Requires moisture to cure and becomes tack-free within five minutes, reaching full cure in 12 to 24 hours. A 1" (25 mm) bead at room conditions can be cut within one hour. Easily dispensed with either our Plastic or Metal Dispensing Guns (see below). 12 cans per case. Minimum order is one each.

CAT. NO. P10163

CRL Handi-Foam®

- **Minimal Expansion Only 20 to 25 Percent**
- **Seals Around Window and Door Frames, Air Ducts and Pipes**
- **Insulates and Soundproofs**

MORE INFORMATION crlaurence.com





31 oz. (880 g) Can

SPEC. DATA ONLINE

MSDS ONLINE

NO AIR FREIGHT

This CRL Handi-Foam® for Gun Dispensing is a one-component polyurethane foam in a pressurized can that expands to only 20 to 25 percent of its original volume. It extrudes the size of your pinky finger and expands to the size of your thumb. Use for gaps less than 3" (76 mm) and in bead applications. Requires moisture to cure, becoming tack-free in 10 minutes and curing in 12 to 24 hours.

Use Handi-Foam® as a fill to stop air infiltration from cracks, gaps, holes, and more. It adheres to everything except silicone, and polyethylene. Easily dispensed with either our Plastic or Metal Dispensing Guns (see below). 12 cans per case. Minimum order is one each.

CAT. NO. P10290

CRL Handi-Foam® Plastic Gun

- **Lightweight Model for Occasional Use**



- **Pull the Trigger to Dispense Handi-Foam®**

Either Handi-Foam® canister fits directly into a receptacle on the top of the gun. Just screw on the can, hold can and gun in both hands, shake vigorously for one minute and you're ready to go. **NOTE:** Cannot be cleaned with Cat. No. F0M014 Handi-Foam® Cleaner. Minimum order is one each.

CAT. NO. F61000

CRL Handi-Foam® Metal Gun

- **Heavy-Duty Model for Production Use**



- **Control Valve for Precise Flow of Handi-Foam®**

Either Handi-Foam® canister fits directly into a receptacle on the top of the gun. Just screw on the can, hold can and gun in both hands, shake vigorously for one minute and you're ready to go. Can be cleaned with Cat. No. F0M014 Handi-Foam® Cleaner. Minimum order is one each.

CAT. NO. F61010

CRL FomoClean Solvent

SPEC. DATA ONLINE

MSDS ONLINE

NO AIR FREIGHT



This CRL FomoClean Solvent dissolves freshly sprayed polyurethane foams, making clean-up easy. FomoClean evaporates rapidly, and takes the foam with it when wiped away, without leaving a residue. Use also to keep F61010 Metal Dispensing Gun internally clean. **NOTE:** FomoClean will not clean up foam that has already cured. Not recommended for use on the Cat. No. F61000 Plastic Gun. Minimum order is one each.

CAT. NO. F0M014

Handi-Seal and Handi-Foam are registered trademarks of Fomo Products, Inc.

CRL Fortifiber Moistop PF® Flashing

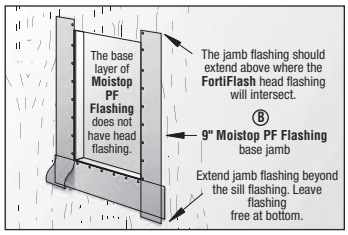
- **Mechanically Attached**
- **Flexible and Easily Installed**

SPEC. DATA ONLINE

MSDS ONLINE



MORE INFORMATION crlaurence.com



Cut a strip of **Moistop PF Flashing** long enough to extend beyond sill flashing already in place, and above where the **FortiFlash** head flashing will intersect. Next attach the jamb flashing **(B)** flush to the edge of the rough opening leaving the bottom free. Repeat above steps for the remaining jamb.

CRL Fortifiber Moistop PF® Flashing is a superior, mechanically attached, flexible flashing product engineered to offer the perfect balance between extraordinary durability and cost-effectiveness. It is manufactured from a multi-layer composite employing heavy-duty polypropylene fabric, and coated on both sides with UV resistant polypropylene to resist cracking and curling. Ideal for installation over OSB or plywood, it can be used on all types of windows, including wood, vinyl, aluminum, and doors. It installs easily with a utility knife and hammer. Thickness is 6 mils. For optimum performance Moistop PF should be installed in conjunction with Moistop Sealant (see below).

CAT. NO.	WIDTH	LENGTH	QTY/CASE
S033009	9" (229 mm)	300' (91.4 m)	6
S033012	12" (305 mm)	300' (91.4 m)	6

Minimum order: 1 roll. Can be combined with other rolls of flashing for quantity pricing.

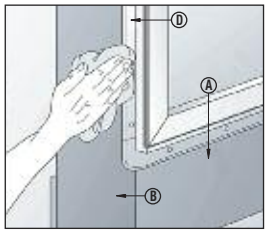
CRL Fortifiber FortiFlash® Waterproof Flashing

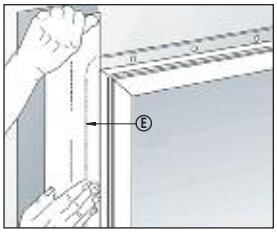
- **Self-Adhesive Waterproof Membrane**
- **25 and 40 mil Thicknesses**

SPEC. DATA ONLINE

MSDS ONLINE







Wipe the window flange **(D)** and base **Moistop PF Flashing (B)** layer clean before applying **Fortifiber FortiFlash**. Cut the desired length of **Fortifiber FortiFlash** with a sharp knife. Pull off the release paper and place the **Fortifiber FortiFlash (E)** on top of the window flange. Apply firm pressure along the entire length to ensure a continuous seal.

CRL Fortifiber FortiFlash® Waterproof Flashing is a premium, self-adhesive, waterproof flashing membrane for windows. It is also ideally suited for flashing non-roofing horizontal surfaces such as pot shelves, parapets, sill pans and recessed windows. This product is reinforced by incredibly strong, cross-laminated, high-density polyethylene film. This self-sealing, rubberized, asphalt core membrane is perfect for sealing around common through-wall penetrations. The 25 mil thick flashing makes it the preferred product for working in tight corners, while the 40 mil flashing is best suited for those applications where a thicker product is desired.

CAT. NO.	THICKNESS	WIDTH	LENGTH	QTY/CASE
M705030	25 mil	9" (229 mm)	75' (23 m)	4
M705040	25 mil	12" (305 mm)	75' (23 m)	4
M706030	40 mil	9" (229 mm)	75' (23 m)	3
M706040	40 mil	12" (305 mm)	75' (23 m)	3

Minimum order: 1 roll. Can be combined with other rolls of flashing for quantity pricing.

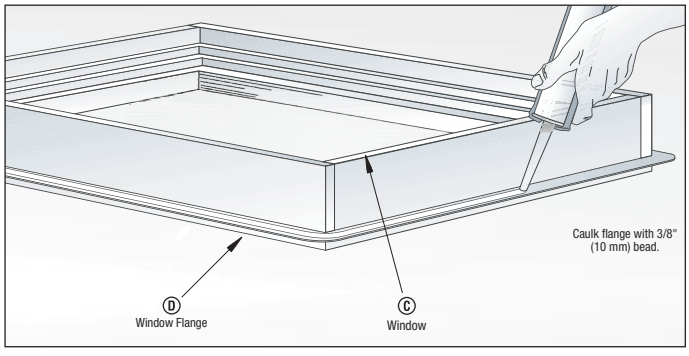
CRL Fortifiber Moistop® Sealant

- **Compatible With Fortifiber Flashing Products**
- **Ideal for Doors and Windows**

SPEC. DATA ONLINE

MSDS ONLINE





Before installing the window **(C)**, Apply a continuous bead of **Moistop Sealant** to the perimeter of the rough opening or to the backside of the mounting flange **(D)** of the window. Install the window according to the window manufacturer's instructions.

CRL Fortifiber Moistop® Sealant is an integral component of Fortifiber's moisture control system for walls. It is compatible with all of Fortifiber's products and a wide range of building materials. A continuous bead on the window nail flange gives long lasting protection against moisture infiltration. It is the ideal choice for use in window and door installations.

CAT. NO.	CONTENTS	QTY/CASE
M704015	10.1 Fl. Oz. (300 ml)	30

Minimum order: 1 each. All cartridge sealants can be combined for quantity pricing.

Moistop and FortiFlash are registered trademarks of Fortifiber Corporation.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

Types of CRL Glazing Tapes and Gaskets

MORE INFORMATION crlaurence.com

Glazing Tapes are designed to be either primary or secondary seals in a variety of glazing systems. They are used by themselves or combined with sealants to minimize and prevent infiltration of air and water into a building envelope.



Foam Glazing Tape
(Adhesive One Side)



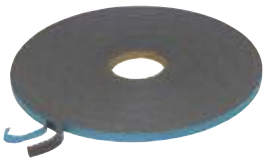
Foam Glazing Tape
(Adhesive Two Sides)



Butyl Architectural Tape



Shimmed Butyl Tape



Thermalbond® Structural/
Glazing Spacer Tape



Wedge Gasket Glazing Spline



VISIONstrip™ Glazing Seal



Roll-In Glazing Gasket



Fire Glazing Tape

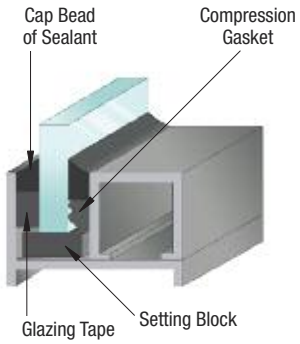


Sponge Rubber

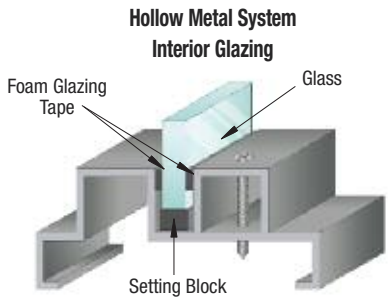
MORE CHOICES crlaurence.com

In all **Conventional Glazing** the glass is mechanically retained by the framing system. The glass is separated from contact with the inner and outer framing by either wet (sealants) or dry (tapes and gaskets) resilient glazing materials that are used to isolate the glass from the frame and provide a seal against air and water.

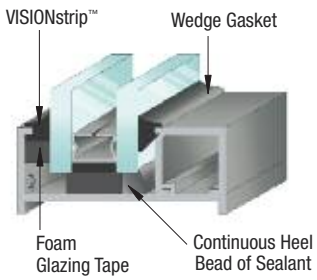
Wet Glazing refers to the use of gunnable sealants or mastic tapes that rely on adhesion to the glass to effectively seal against air and water infiltration. A cap bead of gunnable sealant may be applied over shimmed mastic tapes for even greater protection against leakage.



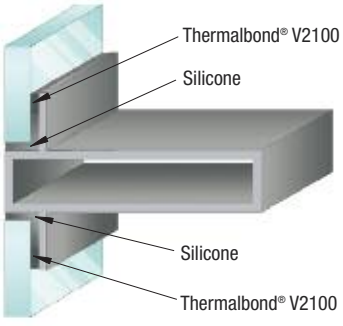
Dry Glazing refers to the use of synthetic rubber and other elastomeric gaskets or tapes which require compressive force to effectively seal against air and water infiltration.



Wet-Dry Glazing combines the watertight integrity of wet systems with the ease of installation and attractive appearance of dry glazing. Typically, a pre-shimmed mastic tape is used for the wet seal, and an elastomeric gasket is used for the dry seal.



Structural Sealant Glazing relies on the adhesive properties of silicone sealants to adhere glass to the framing system. Thermalbond® Structural Glazing Spacer Tape is used in conjunction with the structural silicone sealant as a spacer for joint dimension control.



Thermalbond is a registered trademark of Saint-Gobain Performance Plastics Corporation

CRL Foam Glazing Tapes

- Excellent Adhesion to Wood, Vinyl (Rigid PVC), Aluminum, and Glass
- Superior Resistance to Weathering, Oxidation, and UV Exposure
- Meets AAMA 810.1 Certification
- Aggressive Adhesive
- Available With Adhesive on One Side or Two Sides

ENERGY STAR®– CRL is an **ENERGY STAR®** partner, and our fenestration foam glazing tapes carry the **ENERGY STAR®** seal. **ENERGY STAR®** is a government backed program helping businesses and individuals protect the environment through superior energy efficiency.

SPEC. DATA ONLINE

MSDS ONLINE

MORE INFORMATION
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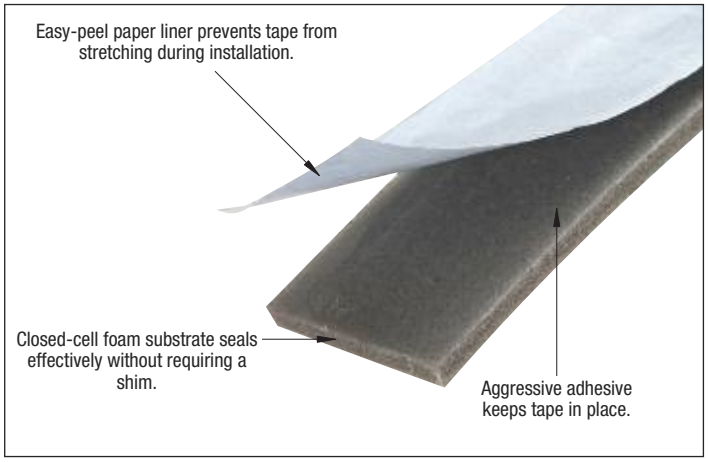


- Available in Black, Gray, and White

CRL Foam Glazing Tape is a closed-cell polyethylene foam sealant in tape form. The aggressive acrylic adhesive is formulated to position the foam on curved or irregular surfaces with the slightest pressure. Adheres to wood, vinyl, aluminum, and glass. It can be used as an exterior glazing sealant - particularly where glass repositioning is important before the final setting.

CRL Foam Glazing Tape is specifically designed to be a primary or secondary seal in a variety of glazing systems. It is self-shimming, so you don't need shims or spacers. The tape is constructed with a patented cellular structured foam that is particularly resistant to weathering and water-absorption, while providing a superior long-lived seal.





CRL FOAM GLAZING TAPE HAS THE FOLLOWING FEATURES:

- Simplicity: Requires no clean-up, easy to handle, no waste, requires no mixing or special application equipment.
- Preformed tape provides consistent and accurate application. No shim is required.
- Remains flexible at low temperatures and dimensionally stable at high temperatures.
- Special non-yellowing, non-staining water-white adhesives provide a clean, aesthetic appearance.
- Superior resistance to weathering, oxidation, and ultraviolet exposure.
- Seals effectively against water, dust, and light.
- Variety of available sizes

A minimum of 15 to 30% compression must be maintained to provide an effective moisture seal. In small lites, this may be achieved by applying pressure directly to the glazing tape when installing glazing stops. However, in most lites, the use of a compression wedge gasket is recommended. Apply with firm, uniform pressure to a clean, dry surface without stretching (the paper liner indicates if the tape has been stretched). Tape corners should be cut and butted together, rather than overlapped or radiused, and a thin bead of an approved sealant should be applied at the intersection after the liner has been removed. In-service temperature range is –40° to 180°F (-40° to 82°C). CRL Foam Glazing Tape is compatible with other sealing and glazing compounds.

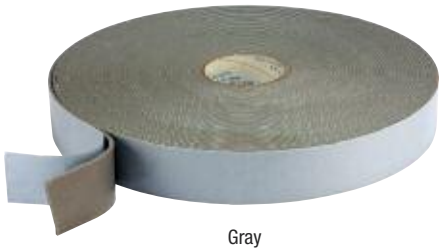
Energy Star is a registered trademark of U.S. Environmental Protection Agency Federal Agency United States.

CRL Foam Glazing Tapes



Black

MORE INFORMATION
crlaurence.com



Gray



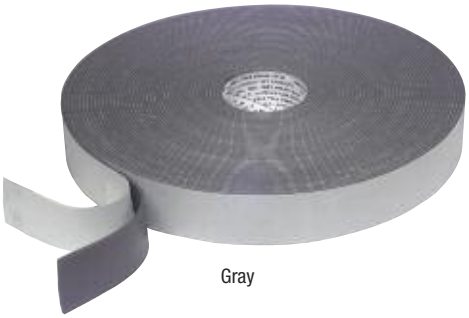
White



Black



Black



Gray

BLACK TWO-SIDED ADHESIVE FOAM GLAZING TAPE

CAT. NO.	THICKNESS	WIDTH	ROLL LENGTH	ROLLS/CASE	LENGTH/CASE
982116X14BL	1/16" (1.6 mm)	1/4" (6.3 mm)	200' (61 m)	20	4,000' (1219 m)
982116X38BL	1/16" (1.6 mm)	3/8" (9.5 mm)	200' (61 m)	20	4,000' (1219 m)
982116X12BL	1/16" (1.6 mm)	1/2" (12.7 mm)	200' (61 m)	20	4,000' (1219 m)
982116X34BL	1/16" (1.6 mm)	3/4" (19 mm)	200' (61 m)	20	4,000' (1219 m)
98418X38BL	1/8" (3.2 mm)	3/8" (9.5 mm)	100' (30.5 m)	40	4,000' (1219 m)
98418X12BL	1/8" (3.2 mm)	1/2" (12.7 mm)	100' (30.5 m)	40	4,000' (1219 m)
98418X34BL	1/8" (3.2 mm)	3/4" (19 mm)	100' (30.5 m)	20	2,000' (610 m)
98418X1BL	1/8" (3.2 mm)	1" (25.4 mm)	100' (30.5 m)	20	2,000' (610 m)
98814X38BL	1/4" (6.3 mm)	3/8" (9.5 mm)	50' (15.2 m)	40	2,000' (610 m)
98814X12BL	1/4" (6.3 mm)	1/2" (12.7 mm)	50' (15.2 m)	40	2,000' (610 m)
98814X34BL	1/4" (6.3 mm)	3/4" (19 mm)	50' (15.2 m)	20	1,000' (305 m)

Minimum order: 1 roll. Sizes and colors can be combined for quantity pricing.

GRAY TWO-SIDED ADHESIVE FOAM GLAZING TAPE

CAT. NO.	THICKNESS	WIDTH	ROLL LENGTH	ROLLS/CASE	LENGTH/CASE
982116X14GRY	1/16" (1.6 mm)	1/4" (6.3 mm)	200' (61 m)	20	4,000' (1219 m)
982116X38GRY	1/16" (1.6 mm)	3/8" (9.5 mm)	200' (61 m)	20	4,000' (1219 m)
982116X12GRY	1/16" (1.6 mm)	1/2" (12.7 mm)	200' (61 m)	20	4,000' (1219 m)
982116X34GRY	1/16" (1.6 mm)	3/4" (19 mm)	200' (61 m)	20	4,000' (1219 m)
98418X38GRY	1/8" (3.2 mm)	3/8" (9.5 mm)	100' (30.5 m)	40	4,000' (1219 m)
98418X12GRY	1/8" (3.2 mm)	1/2" (12.7 mm)	100' (30.5 m)	40	4,000' (1219 m)
98418X34GRY	1/8" (3.2 mm)	3/4" (19 mm)	100' (30.5 m)	20	2,000' (610 m)
98418X1GRY	1/8" (3.2 mm)	1" (25.4 mm)	100' (30.5 m)	20	2,000' (610 m)
98814X38GRY	1/4" (6.3 mm)	3/8" (9.5 mm)	50' (15.2 m)	40	2,000' (610 m)
98814X12GRY	1/4" (6.3 mm)	1/2" (12.7 mm)	50' (15.2 m)	40	2,000' (610 m)
98814X34GRY	1/4" (6.3 mm)	3/4" (19 mm)	50' (15.2 m)	20	1,000' (305 m)

Minimum order: 1 roll. Sizes and colors can be combined for quantity pricing.

TWO-SIDED ADHESIVE TAPE WITH PLASTIC POLYLINER

WHITE CAT NO.	BLACK CAT NO.	THICKNESS	ROLL LENGTH	ROLLS/CASE	LENGTH/CASE
982116X38W	V992116X38BL	1/16" (1.6 mm)	3/8" (9.5 mm)	20	4,000' (1219 m)
98418X38W	--	1/8" (3.2 mm)	3/8" (9.5 mm)	40	4,000' (1219 m)

Minimum order: 1 roll. Sizes and colors can be combined for quantity pricing.

BLACK ONE-SIDED ADHESIVE FOAM GLAZING TAPE

CAT. NO.	THICKNESS	WIDTH	ROLL LENGTH	ROLLS/CASE	LENGTH/CASE
74418X14BL	1/8" (3.2 mm)	1/4" (6.3 mm)	100' (30.5 m)	40	4,000' (1,219 m)
74418X38BL	1/8" (3.2 mm)	3/8" (9.5 mm)	100' (30.5 m)	40	4,000' (1,219 m)
74418X12BL	1/8" (3.2 mm)	1/2" (12.7 mm)	100' (30.5 m)	40	4,000' (1,219 m)
74418X34BL	1/8" (3.2 mm)	3/4" (19 mm)	100' (30.5 m)	20	2,000' (610 m)
74418X1BL	1/8" (3.2 mm)	1" (25.4 mm)	100' (30.5 m)	20	2,000' (610 m)
74418X112BL	1/8" (3.2 mm)	1-1/2" (38 mm)	100' (30.5 m)	5	500' (152 m)
74418X2BL	1/8" (3.2 mm)	2" (51 mm)	100' (30.5 m)	5	500' (152 m)
74814X12BL	1/4" (6.3 mm)	1/2" (12.7 mm)	50' (15.2 m)	20	1,000' (305 m)
74814X34BL	1/4" (6.3 mm)	3/4" (19 mm)	50' (15.2 m)	20	1,000' (305 m)
74814X1BL	1/4" (6.3 mm)	1" (25.4 mm)	50' (15.2 m)	20	1,000' (305 m)
74814X112BL	1/4" (6.3 mm)	1-1/2" (38 mm)	50' (15.2 m)	5	250' (76 m)
74814X2BL	1/4" (6.3 mm)	2" (51 mm)	50' (15.2 m)	5	250' (76 m)

Minimum order: 1 roll. Sizes and colors can be combined for quantity pricing.

GRAY ONE-SIDED ADHESIVE FOAM GLAZING TAPE

CAT. NO.	THICKNESS	WIDTH	ROLL LENGTH	ROLLS/CASE	LENGTH/CASE
74418X14GRY	1/8" (3.2 mm)	1/4" (6.3 mm)	100' (30.5 m)	40	4,000' (1,219 m)
74418X38GRY	1/8" (3.2 mm)	3/8" (9.5 mm)	100' (30.5 m)	40	4,000' (1,219 m)
74418X12GRY	1/8" (3.2 mm)	1/2" (12.7 mm)	100' (30.5 m)	40	4,000' (1,219 m)
74418X34GRY	1/8" (3.2 mm)	3/4" (19 mm)	100' (30.5 m)	20	2,000' (610 m)
74418X1GRY	1/8" (3.2 mm)	1" (25.4 mm)	100' (30.5 m)	20	2,000' (610 m)
74418X112GRY	1/8" (3.2 mm)	1-1/2" (38 mm)	100' (30.5 m)	5	500' (152 m)
74418X2GRY	1/8" (3.2 mm)	2" (51 mm)	100' (30.5 m)	5	500' (152 m)
74814X12GRY	1/4" (6.3 mm)	1/2" (12.7 mm)	50' (15.2 m)	20	1,000' (305 m)
74814X34GRY	1/4" (6.3 mm)	3/4" (19 mm)	50' (15.2 m)	20	1,000' (305 m)
74814X1GRY	1/4" (6.3 mm)	1" (25.4 mm)	50' (15.2 m)	20	1,000' (305 m)
74814X112GRY	1/4" (6.3 mm)	1-1/2" (38 mm)	50' (15.2 m)	5	250' (76 m)
74814X2GRY	1/4" (6.3 mm)	2" (51 mm)	50' (15.2 m)	5	250' (76 m)

Minimum order: 1 roll. Sizes and colors can be combined for quantity pricing.

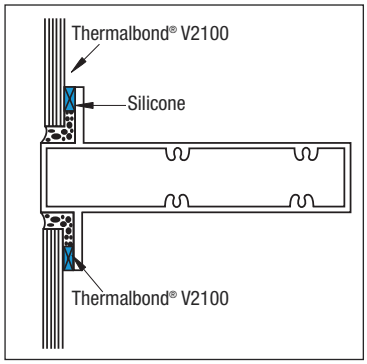
CRL Saint-Gobain/Norton Thermalbond® V2100 Structural Glazing Spacer Tape

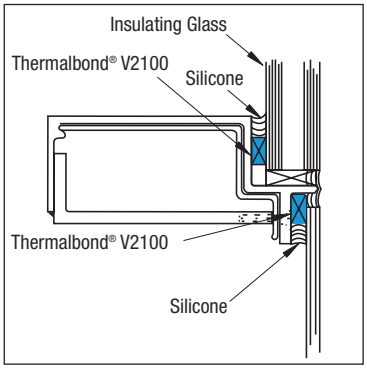
MORE INFORMATION crlaurence.com

SPEC. DATA ONLINE

MSDS ONLINE

- Structural Glazing Spacer for Field and Shop Glazing
- Superb Spacer for Two and Four Sided Structural Silicone Glazing Systems
- Chemically Compatible With All Silicones Tested
- Black Color









Printed Liner Verifies Specified Product is Used

Description

CRL Saint-Gobain/Norton Thermalbond® V2100 Tape is a semi-rigid foam tape with an aggressive pressure-sensitive adhesive. This high density tape has a specially formulated cellular substrate, and is used as a spacer for joint dimension control in structural silicone glazing systems. It is the most widely used spacer tape for structural silicone systems.

V2100 has proven to be compatible with all commercial silicone sealants used for structural glazing. It has a highly aggressive adhesive on both sides, and a semi-rigid, open cell structure that maintains the required spacing, and allows air and moisture to reach the silicone to allow optimum curing. Its low conductivity reduces heat transfer and inhibits condensation on windows, doors, and metal systems.

V2100 Tape is designed as a spacer for glass, metal, stone, mineral cement, and plastic panels in structural silicone glazing systems. This includes: two and four sided structural silicone glazing of curtain walls, storefronts, skylights and windows; to temporarily secure glazing or panels to framework in shop fabrication of unitized structural silicone glazing and cladding systems; to temporarily secure lightweight veneers to substrates while permanent structural silicone adhesives are curing; as a thermal break to reduce the conduction of heat; to provide an even sight line in vision areas. It is stocked only in an architectural black finish (other colors available on special order), and in nine stock sizes. Other sizes are also available on special order.

Limitations

NOTE: Thermalbond® V2100 is a SPACER material and not intended to be a structural component. The adhesive properties cannot be used as part of the permanent fastening system or in any way to reduce the amount of silicone adhesive recommended by the silicone manufacturer. Contact surfaces must be thoroughly cleaned. Position V2100 carefully, as it cannot be repositioned after initial contact. With some surfaces, it may be necessary to prime the surface with Norton Tite-R-Bond Adhesion Promoter (see page SF055).

Typical Properties

Density: 31 lbs./cu.ft. (497 kg/m³); Hardness: 35 durometer Shore A; Force to Compress 10%: 31 psi (214 (kPa); Tensile Strength: 180 psi (1241 kPa); Elongation: 125%; Temperature Range: Application 60°F (16°C) to 125°F (52°C); Service -40°F (-40°C) to 180°F (82°C).

CAT. NO.	THICKNESS	WIDTH	ROLL LENGTH	ROLLS/CASE	LENGTH/CASE
V210438	1/8" (3.2 mm)	3/8" (9.5 mm)	50' (15.2 m)	20	1,000' (305 m)
V210412	1/8" (3.2 mm)	1/2" (12.7 mm)	50' (15.2 m)	20	1,000' (305 m)
V210638	3/16" (4.7 mm)	3/8" (9.5 mm)	50' (15.2 m)	20	1,000' (305 m)
V210814	1/4" (6.3 mm)	1/4" (6.3 mm)	50' (15.2 m)	40	2,000' (610 m)
V210838	1/4" (6.3 mm)	3/8" (9.5 mm)	50' (15.2 m)	40	2,000' (610 m)
V210812	1/4" (6.3 mm)	1/2" (12.7 mm)	50' (15.2 m)	20	1,000' (305 m)
V21081	1/4" (6.3 mm)	1" (25.4 mm)	50' (15.2 m)	10	500' (152.4 m)
V211238	3/8" (9.5 mm)	3/8" (9.5 mm)	25' (7.6 m)	20	500' (152.4 m)
V211212	3/8" (9.5 mm)	1/2" (12.7 mm)	25' (7.6 m)	20	500' (152.4 m)

Minimum order: 1 roll. Sizes can be combined for quantity pricing.

Thermalbond is a registered trademark of Saint-Gobain Performance Plastics Corporation

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Butyl Architectural Glazing Tape

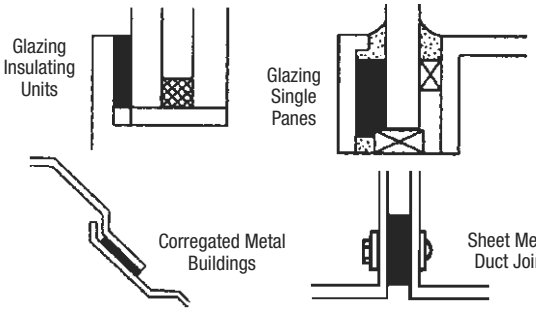
- Age and Weather Resistant Butyl Rubber Formula
- 100% Solids Content
- Meets AAMA Certification
- Used as an Exterior Primary Spacing and Glazing Seal
- Available in Gray and Black

MORE INFORMATION crlaurence.com

SPEC. DATA ONLINE

MSDS ONLINE







Black



Gray

CRL Butyl Architectural Glazing Tape is an extruded, preformed tape furnished on release paper rolls. Based on a butyl rubber formulation with proven age and weather resistant properties, it is designed to create a long lasting, flexible weather seal between two surfaces that will be subjected to normal expansion/contraction and wind loading forces. It is used as an exterior primary spacing and glazing seal when glazing glass into a window sash; also used to seal other architectural surfaces such as metal to metal joints, wood to glass, metal to plastic, etc. The thickness is designed to be compressed approximately 10 percent at installation to accommodate surface alignments.

Typical Properties

Base Polymer: butyl rubber (polyisobutylene); Solids Content: 100% solids (no asbestos); Cure Time: fully cured before application; Hardness: 20 durometer Shore "A" @ 77°F (25°C); Temperature Range: Application 20°F (-7°C) to 120°F (49°C); Service -40°F (-40°C) to 190°F (88°C); VOC Content: 0%; Joint Movement: ±15% of joint width; Service Life: 20 year minimum.

Limitations

For applications above two floors use a spacer, shim, or a structural cap bead (such as silicone) to prevent over compression or use CRL 100+ Load Bearing Glazing Tape.

Applicable Standards

AAMA 804.3, 806.3, and 807.3. ASTM C1281

BLACK CAT. NO.	GRAY CAT. NO.	THICKNESS	WIDTH	ROLL LENGTH	ROLLS/ CASE	LENGTH/ CASE
GT104	GT105	1/16" (1.6 mm)	3/8" (9.5 mm)	50' (15.2 m)	24	1,200' (366 m)
GT106	GT107	1/16" (1.6 mm)	1/2" (12.7 mm)	50' (15.2 m)	20	1,000' (305 m)
GT204	GT205	1/8" (3.2 mm)	3/8" (9.5 mm)	25' (7.6 m)	24	600' (183 m)
GT206	GT207	1/8" (3.2 mm)	1/2" (12.7 mm)	25' (7.6 m)	20	500' (152.4 m)
GT304	GT305	3/16" (4.8 mm)	3/8" (9.5 mm)	25' (7.6 m)	24	600' (183 m)
GT406	GT407	1/4" (6.3 mm)	1/2" (12.7 mm)	20' (6.1 m)	20	400' (122 m)

Minimum order is case quantity. Must be ordered in full case increments. Sizes and colors can be combined for quantity pricing.

CRL 100+ Load Bearing Butyl Architectural Glazing Tape

SPEC. DATA ONLINE

MSDS ONLINE

- For High Performance Glazing of Large Lites of Glass Exceeding 100 United Inches* Without the Need for Spacer Shims

CRL 100+ Load Bearing Butyl Architectural Glazing Tape is made from a blend of rubber polymers. 100+ Tape transfers high wind loads evenly, from the glass to the window frame, and will accommodate high wind loading at elevated temperatures. It enables the project to be glazed from the inside.



Typical Properties

CRL Base Polymer: butyl rubber (polyisobutylene); Solids Content: 100% solids (no asbestos). Cure Time: fully cured before application. Hardness: 20 durometer Shore "A" @ 77°F (25°C). VOC Content: 0%. Joint Movement: ±15% of joint width. Service Life: 20 year minimum.

Applicable Standards

AAMA 804.3, 806.3, and 807.3, ASTM C1281.

CAT. NO.	THICKNESS	WIDTH	ROLL LENGTH	ROLLS/CASE	LENGTH/CASE
GT804	1/8" (3.2 mm)	3/8" (9.5 mm)	40' (12.2 m)	24	960' (293 m)
GT808	1/8" (3.2 mm)	1/2" (12.7 mm)	40' (12.2 m)	20	800' (244 m)
GT805	3/16" (4.7 mm)	3/8" (9.5 mm)	26' (7.9 m)	24	624' (190 m)
GT810	1/4" (6.3 mm)	3/8" (9.5 mm)	20' (6.1 m)	24	480' (146 m)

Minimum order is case quantity. Must be ordered in full case increments. Sizes can be combined for quantity pricing. *United inches = width + height.

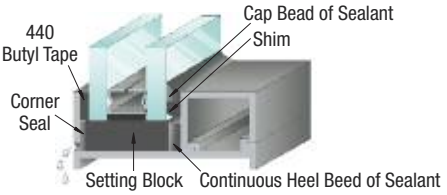
CRL Tremco® 440 Butyl Architectural Tape

- Superior Weather Resistance
- 100% Solids Content



SPEC. DATA ONLINE

MSDS ONLINE



CRL Tremco® 440 Butyl Architectural Tape is a pre-formed butyl sealant in tape form. The 100 percent solids compound of butyl and polyisobutylene contains no solvents or other volatiles that could escape on exposure, causing shrinkage and sealant failure. Tremco® 440 forms a watertight seal to prevent water infiltration, and has superior weather resistance. Highly adhesive, it remains permanently elastic, even at low temperatures, and is adaptable to many different types of glazing systems. Use Tremco® 440 for non-compression glazing of vision lites and spandrel panels in metal and wood frames in low rise building construction. It can also be used for lap sealing between panels such as steel, aluminum and porcelain, as well as a variety of other joints in shear between similar and dissimilar materials.

Typical Properties

Base Polymer: cross-linked butyl rubber (polyisobutylene); Solids Content: 100% by weight; Cure Time: fully cured before application; Hardness: 65 durometer Shore "00"; Temperature Range: Application 20°F (-7°C) to 120°F (49°C); Service -40°F (-40°C) to 158°F (70°C); Weathering: Unaffected by ultra violet through glass. Remains flexible at low temperatures.

Limitations

Not for use in joints subjected to continuous water immersion or temperatures exceeding 158°F (70°C). Not for use with lites of glass over 75 united inches (1905 mm). As the size of the lite approaches this maximum a higher performance glazing system, such as CRL Tremco® Polyshim™ II Butyl Tape should be considered.

Applicable Standards

AAMA 800-92, 804.3, and 807.3.

MORE INFORMATION crlaurence.com

ALUMINUM CAT. NO.	BLACK CAT. NO.	THICKNESS	WIDTH	ROLL LENGTH	ROLLS/ CASE	LENGTH/ CASE
71009F1	----	1/16" (1.6 mm)	1/4" (6.3 mm)	50' (15.2 m)	26	1,100' (335 m)
----	710CAH5	1/16" (1.6 mm)	1/4" (6.3 mm)	50' (15.2 m)	26	1,300' (396 m)
71049N1	71049Q1	1/16" (1.6 mm)	3/8" (9.5 mm)	50' (15.2 m)	20	1,000' (305 m)
71010W1	71010B1	1/16" (1.6 mm)	1/2" (12.7 mm)	50' (15.2 m)	20	1,000' (305 m)
71016U1	71016W1	1/8" (3.2 mm)	3/8" (9.5 mm)	25' (7.6 m)	20	500' (152.4 m)
71017F1	71017H1	1/8" (3.2 mm)	1/2" (12.7 mm)	25' (7.6 m)	20	500' (152.4 m)
71024R1	71024G1	3/16" (4.7 mm)	1/2" (12.7 mm)	25' (7.6 m)	20	500' (152.4 m)
71029G1	71029D1	1/4" (6.3 mm)	1/2" (12.7 mm)	20' (6 m)	20	400' (122 m)

Minimum order: 1 case. Must be ordered in case quantities. Sizes can be combined for quantity pricing.

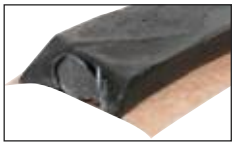
CRL Tremco® POLYshim® II Butyl Architectural Tape

- Continuous Integral EPDM Shim
- Used in Compression Glazing Systems
- 100% Solids Content
- Black Color

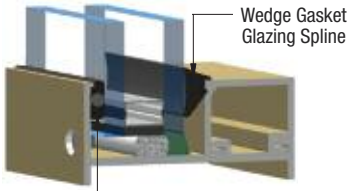


SPEC. DATA ONLINE

MSDS ONLINE



Cross Section of Tape Showing Shim



CRL Tremco® POLYshim® II Tape is a 100 percent solids, highly adhesive and elastic, cross linked preformed butyl tape. Use it in compression glazing systems wherever the design calls for high performance glazing of curtain wall, unitized curtain walls, punched and ribbon window systems, and sloped glazing applications.

The continuous rubber shim works to prevent sealant squeeze-out because it is resilient to pressure exerted by building and glass expansion or contraction. It also helps prevent glass breakage by eliminating pressure points created by improper shimming.

Typical Physical Properties

Base Polymer: cross linked butyl rubber (polyisobutylene); Solids Content: 100% by weight. Hardness: 57 durometer Shore "00". Temperature Range: Application 20°F (-7°C) to 120°F (49°C); Service -65°F (-54°C) to 200°F (93°C). Weathering: Unaffected by Ultraviolet through glass. Remains flexible at low temperatures.

Limitations

Not for use in joints subjected to continuous water immersion or temperatures exceeding 200°F (93°C). Do not compression glaze glass with POLYshim® II Tape having less than an 1/8" (3 mm) shim.

Applicable Standards

POLYshim® II Tape meets the requirements of AAMA 800-92 Specifications 804.3, 806.3, and 807.3.

CAT. NO.	THICKNESS	FACE CLEARANCE (SHIM DIAMETER)	WIDTH	ROLL LENGTH	ROLLS/CASE	LENGTH/CASE
7242YA3	.090" (2.3 mm)	1/16" (1.6 mm)	3/8" (9.5 mm)	50' (15.2 m)	20	1000' (305 m)
7241XC3	.150" (3.8 mm)	1/8" (3.2 mm)	3/8" (9.5 mm)	40' (12 m)	20	800' (244 m)
7241YP3	.215" (5.5 mm)	3/16" (4.8 mm)	3/8" (9.5 mm)	25' (7.6 m)	20	500' (152 m)
7244SB3	.280" (7.1 mm)	1/4" (6.3 mm)	3/8" (9.5 mm)	20' (6 m)	20	400' (122 m)

Minimum order: 20 rolls. Must be ordered in increments of 20. Sizes can be combined for quantity pricing.

Tremco and Polyshim are registered trademarks of Tremco Incorporated.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Norton® Tite-R-Bond™ Adhesion Promoter

MSDS ONLINE

NO AIR FREIGHT

- Enhances Adhesion of Pressure Sensitive Adhesives to Most Plastics and Paints
- Improves Quick-Stick and Bonding Strength



MORE INFORMATION crlaurence.com

CRL Norton® Tite-R-Bond™ actually helps pressure sensitive adhesive tapes bond better to substrates that might normally resist adhesion. It enhances the adhesion of pressure sensitive adhesives to most plastics (rigid PVC, ABS Plastic, Polycarbonate, Rigid Polyurethane), metals, or painted surfaces, and helps it cling to irregular, rough or curved surfaces. The free flowing liquid formula can be wiped or brushed on.

WARNING: It is the user's responsibility to test painted surfaces prior to application.

CAT. NO.	CONTENTS
2287PT	1 Pint (473 ml)
2287GL	1 Gallon (3.785 l)

Minimum order: 1 pint or 1 gallon.

CRL Dor-Tite Sponge Rubber Strip

MSDS ONLINE

- Weatherproofs and Cushions Against Vibrations, Rattles, and Drafts
- Open Cell Foam With Adhesive on One Side



CRL Dor-Tite is a black Sponge Rubber Strip used by the manufacturers of campers, trailers, freezer boxes, metal buildings, electrical control panel boxes, office furniture, and mobile homes. It can also be used as a jamb seal for sliding doors and windows.

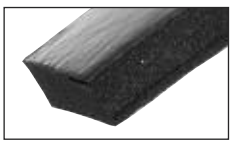
CAT. NO.	THICKNESS	WIDTH	ROLL LENGTH
D3450	3/16" (4.8 mm)	1/2" (12.7 mm)	50' (15.2 m)
D3850	3/16" (4.8 mm)	1" (25.4 mm)	50' (15.2 m)
D4450	1/4" (6.3 mm)	1/2" (12.7 mm)	50' (15.2 m)
D4650	1/4" (6.3 mm)	3/4" (19 mm)	50' (15.2 m)
D4850	1/4" (6.3 mm)	1" (25.4 mm)	50' (15.2 m)
D9425	9/16" (14.3 mm)	1/2" (12.7 mm)	25' (7.6 m)
D9625	9/16" (14.3 mm)	3/4" (19 mm)	25' (7.6 m)
D9825	9/16" (14.3 mm)	1" (25.4 mm)	25' (7.6 m)

Minimum order: 1 roll. Sizes can be combined for quantity pricing.

CRL Truck Cap Foam Seal Tape

MSDS ONLINE

- Truck Cap to Truck Bed Seal
- Silicone Based Closed Cell Structure With Excellent Memory
- Adhesive on One Side





This CRL Truck Cap Foam Seal Tape is a closed cell silicone base, automotive grade weather seal material. This Foam Seal Tape has excellent memory, and will keep drafts and water out of the truck bed when used to install truck caps.

CAT. NO.	THICKNESS	WIDTH	ROLL LENGTH	ROLLS/ CASE
60701	1/4" (6.3 mm)	1/2" (12.7 mm)	50' (15.2 m)	60

Minimum order: 1 roll.

Norton is a registered trademark of Saint-Gobain Abrasives, Inc.

CRL Smoke Seal

NEW!

CLASSIFIED C UL US IS47

MSDS ONLINE

BHMA CERTIFIED

- Prevents Spread of Flames, Smoke, and Toxic Gases
- Provides Thermal Insulation to Deter Heat Transfer



CRL Smoke Seal is designed to improve life safety and comply with new positive pressure testing criteria. Tested in compliance with UL10C, UBC 7-2 (positive pressure), ASTM and UL Standards. CRL Smoke Seal is a thin, intumescent adhesive tape that expands when heated. Effective at temperatures up to 800° F (426° C) to seal the air space between doors and window frames.

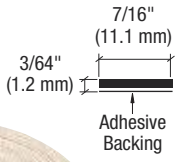
CAT. NO.	COLOR	THICKNESS	WIDTH	ROLL LENGTH
HSS2000	Black	3/64" (1.2 mm)	7/16" (11.1 mm)	24' (7.31 m)
HSS2000W	White	3/64" (1.2 mm)	7/16" (11.1 mm)	24' (7.31 m)

Minimum order: 1 roll.

CRL Fire Glazing Tape

- Specially Formulated High Performance Intumescent Glazing Tape
- Positive Pressure Tested and Listed
- Use With Wire Glass and Firelite®
- White Color

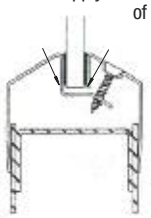
MSDS ONLINE





CAT. NO. FG3000S45
45 Minute Fire
Glazing Tape

TYPICAL APPLICATIONS
Apply FG3000S45 to both sides of the frame



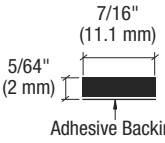
FG3000S45 in 20 Minute and 45 Minute **Hollow Metal** Doors



FG3000S45 in 20 Minute and 45 Minute **Wood** Doors



CAT. NO. FG3000S90
90 Minute Fire
Glazing Tape



TYPICAL APPLICATION
Apply FG3000S90 to both sides of the frame



FG3000S90 in 90 Minute **Hollow Metal** Doors

Maximum Wood Door Size:
48" x 96" (1219 x 2438 mm) single and/or pairs approved.
Maximum Hollow Metal Door Size:
48" x 120" (1219 x 3048 mm) single and/or pairs approved.
Listed glazing products include:
(Wire Glazing)
(Non-Wire Glazing) Firelite®.
Verify all applications with your door and/or frame manufacturer.

CRL FG3000 Fire Glazing Tapes are specially formulated high performance intumescent glazing tapes with adhesive backing on one side, that allow for much larger vision lites in 20, 45, 60 and 90 minute rated wood and hollow metal doors with metal vision frames. In 20 and 45 minute rated hollow metal screens the use of FG3000 allows for much larger side lites, borrowed lites and glass transoms. Successfully passed 20 minutes (with hose stream) and 45 minutes on wood and metal doors with vision lites installed.

CAT. NO.	THICKNESS	WIDTH	ROLL LENGTH
FG3000S45	3/64" (1.2 mm)	7/16" (11.1 mm)	16' (4.9 m)
FG3000S90	5/64" (2 mm)	7/16" (11.1 mm)	16' (4.9 m)

Minimum order: 1 roll. Sizes can be combined for quantity pricing.

CRL Sealstrip Glass Setting Tape

MORE INFORMATION crlaurence.com

MSDS ONLINE

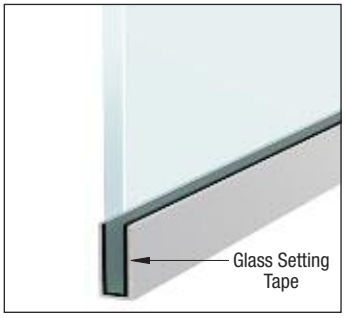
- Fiber Impregnated for Strength

CRL Sealstrip holds glass firmly and permanently, and also seals against dirt, moisture, and weather. Sealstrip Glass Setting Tape insulates against sound and vibration, and won't stretch out of shape. Just fold it over the glass edge, insert glass in the metal frame or channel, and trim with a knife or razor blade.



CAT. NO.	THICKNESS	WIDTH	ROLL LENGTH	ROLLS/CASE
A4264	1/32" (0.8 mm)	1-1/2" (38 mm)	100' (30.5 m)	10
A4263	3/64" (1.2 mm)	1-1/2" (38 mm)	100' (30.5 m)	10
A4262	1/16" (1.6 mm)	1-1/2" (38 mm)	100' (30.5 m)	10
A46142	5/64" (2.0 mm)	1-1/2" (38 mm)	100' (30.5 m)	10
A4261	3/32" (2.4 mm)	1-1/2" (38 mm)	100' (30.5 m)	10

Minimum order: 1 roll. Sizes can be combined for quantity pricing.



CRL Tuff-Pak Cork and Rubber Glass Setting Tape

MSDS ONLINE

- High Cork Content Cushions Glass

The cork content in CRL Tuff-Pak Glass Setting Tape makes it compressible, for a strong setting that is both a cushion and a tight seal. Tuff-Pak has the right proportion of cork and rubber to provide an all-purpose tape with these specific advantages: flexibility, better grip on glass, high cork content, superior cloth backing, and versatility. Tuff-Pak Tape is the accepted standard of the auto glass industry for door and vent glass channels.



CAT. NO.	THICKNESS	WIDTH	ROLL LENGTH	ROLLS/CASE
690	1/32" (0.8 mm)	1-1/2" (38 mm)	100' (30.5 m)	8
770	3/64" (1.2 mm)	1-1/2" (38 mm)	100' (30.5 m)	8
720	1/16" (1.6 mm)	1-1/2" (38 mm)	100' (30.5 m)	8
760	5/64" (2.0 mm)	1-1/2" (38 mm)	50' (15.2 m)	8
820	3/32" (2.4 mm)	1-1/2" (38 mm)	50' (15.2 m)	8

Minimum order: 1 roll. Sizes can be combined for quantity pricing.

Firelite is a registered trademark of Nippon Electric Glass Company, Limited Corp.

CRL Tremco® Wedge Gasket Glazing Spline

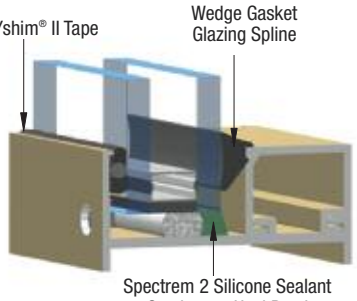
- Used in Compression Glazing Systems With Tremco® POLYshim® II Glazing Tape
- 70 Durometer Extruded EPDM



SPEC. DATA ONLINE

MSDS ONLINE





This CRL Tremco® Wedge Gasket Glazing Spline profile is made of extruded 70 durometer dense EPDM. The wedge profile is designed for use in compression glazing systems with Tremco® POLYshim® II Glazing Tapes. Glazing Spline profiles require a .090" x .062" (2.3 x 1.6 mm) metal nib for proper engagement.
NOTE: A mock-up is recommended by Tremco® to verify acceptable mating between both the Glazing Spline and the metal nib.

CAT. NO.	FACE CLEARANCE	LENGTH/CASE
1768011	.120" (3 mm)	500' (152 m)
1768012	.160" (4 mm)	500' (152 m)
1768013	.200" (5 mm)	500' (152 m)

Minimum order: 1 case. Sizes can be combined for quantity pricing.

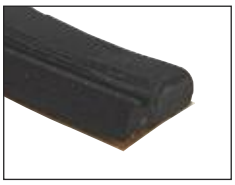
CRL Tremco® VISIONstrip™ Glazing Seal

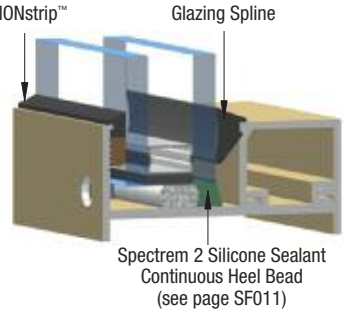
- Clean Gasket Appearance With Positive Wet-Seal
- EPDM Rubber and 100% Cross-Linked Butyl



SPEC. DATA ONLINE

MSDS ONLINE





CRL Tremco® VISIONstrip™ is a precision extruded glazing medium consisting of an EPDM rubber extrusion positioned at the sightline with a 100% solids, highly adhesive and elastic, cross-linked butyl preformed sealant bonded below. A single component profile achieving a positive wet-seal between the metal and glass surfaces while providing a clean gasket appearance at the sightline.

VISIONstrip™ is used in compression glazing systems wherever the design calls for high performance glazing of curtain wall, unitized curtain walls, punched and ribbon window systems and sloped glazing applications. VISIONstrip™ needs to be installed on a special metal nib, .050" x .060" (1.3 x 1.5 mm). **NOTE:** A mock-up is recommended by Tremco® to verify acceptable mating between both VISIONstrip™ and metal nib.

CAT. NO.	FACE CLEARANCE	ROLL LENGTH	ROLLS/CASE
733T74	.125" (3.2 mm)	40' (12.2 m)	11
733V25	.187" (4.8 mm)	35' (10.6 m)	10

Minimum order: 11 rolls 733T74; 10 rolls 733V25. Must order in case quantities. Sizes can be combined for quantity pricing.

CRL Vinyl Roller Tools

- Knurl Diamond Grip and a Ball Bearing Wheel

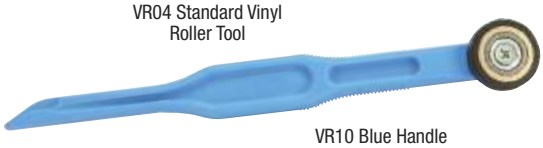
MORE INFORMATION crlaurence.com



VR17 Extra Long Vinyl Roller Tool



VR04 Standard Vinyl Roller Tool



VR10 Blue Handle Vinyl Roller Tool



CRL Vinyl Roller Tools aid in the insertion of Glazing Vinyls and Gaskets in window assemblies and heavy aluminum base shoe. Choose from three models, including our extra long Cat. No. VR17 with the two-handed grip.

CAT. NO.	DESCRIPTION
VR17	Extra Long 17" (432 mm) Vinyl Roller
VR04	Standard 11" (279 mm) Vinyl Roller
VR10	Blue Handle 11" (279 mm) Vinyl Roller

Minimum order: 1 each.

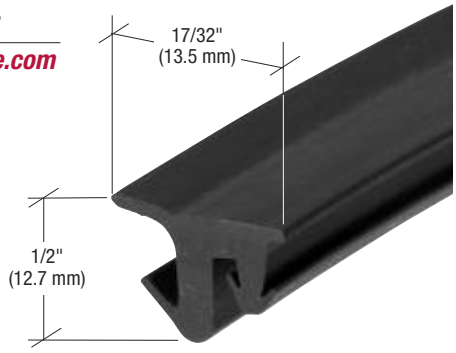
Tremco and Polyshim are registered trademarks of Tremco Inc.

CRL Universal Storefront Gasket

MORE CHOICES crlaurence.com

- Extremely Popular Black EPDM Top Load Gasket
- For 1/4" and 1" (6 and 25 mm) Glazing

NP225 is a top load, black EPDM Glazing Gasket commonly used with our storefronts and window wall systems when glazing 1/4" and 1" (6 and 25 mm). For easy installation we recommend our Vinyl Roller Tools (see page SF057).



CAT. NO.	ROLL LENGTH
NP225	500' (152.4 m)

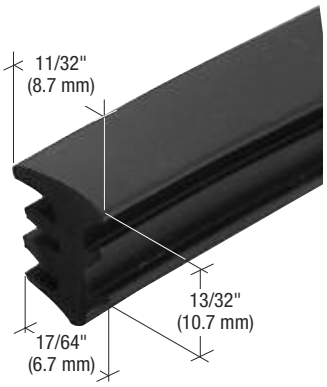
Minimum order: 1 roll.

CRL Universal Roll-In Vinyl

- Non-Stretch Black Vinyl Fits Most Pocket Storefront Systems

CRL Universal Roll-In Storefront Vinyl is a non-stretch black poly vinyl chloride which was developed to work in most storefront pocket glazed extrusions. The security legs were designed to grip tightly in many different manufacturer's extrusions, allowing the glass shop to stock only one vinyl. Even though this Vinyl will fit most applications, we suggest that the user test for his particular need. For easy installation we recommend our Vinyl Roller Tools (see page SF057).





CAT. NO.	ROLL LENGTH
SFV335C	100' (30.5 m)
SFV335M	1000' (305 m)

Minimum order: 1 roll.

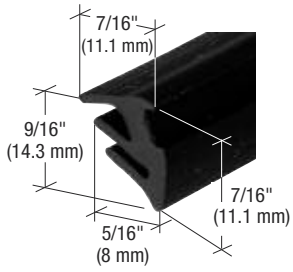
CRL Roll-In Glazing Gaskets

- Available in Black or Gray

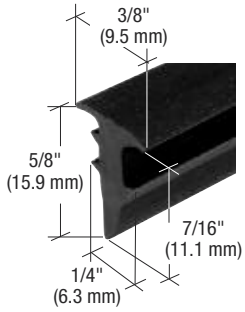
CRL Roll-In Glazing Gasket for 3/8" and 1/2" (10 and 12 mm) glass provides an easy way of glazing glass. It eliminates using messy silicone sealant and the clean up that follows.

BLACK CAT. NO.	GRAY CAT. NO.	GLASS THICKNESS	ROLL LENGTH
RG38100	RGG38100	3/8" (10 mm)	100' (30.5 m)
RG38500	---	3/8" (10 mm)	500' (152.4 m)
RG12100	RGG12100	1/2" (12 mm)	100' (30.5 m)
RG12500	---	1/2" (12 mm)	500' (152.4 m)

Minimum order: 1 roll.

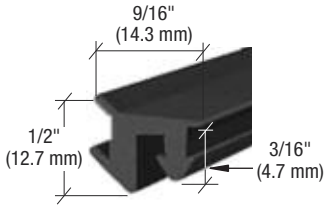


Gasket for 3/8" (10 mm) Glazing

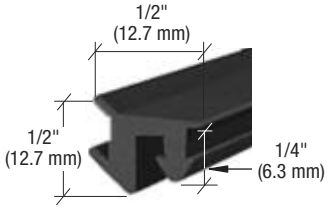


Gasket for 1/2" (12 mm) Glazing

CRL Roll-In EPDM Gasket for Sidelite Rails



Gasket for 3/8" (10 mm) Glazing



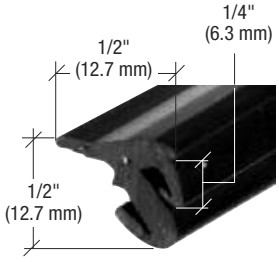
Gasket for 1/2" (12 mm) Glazing

This black CRL Glazing Gasket is used to dry glaze 3/8" (10 mm) and 1/2" (12 mm) glass CRL Sidelite Rails and CRL U-Channel with Roll-In Top Load Gasket materials.

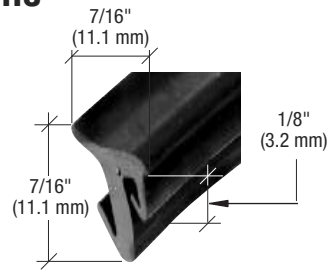
CAT. NO.	GLASS THICKNESS	ROLL LENGTH
GG38100	3/8" (10 mm)	100' (30.5 m)
GG38500	3/8" (10 mm)	500' (152.4 m)
GG12100	1/2" (12 mm)	100' (30.5 m)
GG12500	1/2" (12 mm)	500' (152.4 m)

Minimum order: 1 roll.

CRL Roll-In EPDM Gasket for Tapered Sidelite Rails



Gasket for 3/8" (10 mm) Glazing



Gasket for 1/2" (12 mm) Glazing

This black CRL Glazing Gasket is used to dry glaze 3/8" and 1/2" (10 and 12 mm) thick glass in CRL Tapered Sidelite Rails and CRL U-Channels.

CAT. NO.	GLASS THICKNESS	ROLL LENGTH
GGT38100	3/8" (10 mm)	100' (30.5 m)
GGT38500	3/8" (10 mm)	500' (152.4 m)
GGT12100	1/2" (12 mm)	100' (30.5 m)
GGT12500	1/2" (12 mm)	500' (152.4 m)

Minimum order: 1 roll.

CRL Transparent and Translucent Very Hi-Bond Acrylic Adhesive Tapes

SPEC. DATA ONLINE

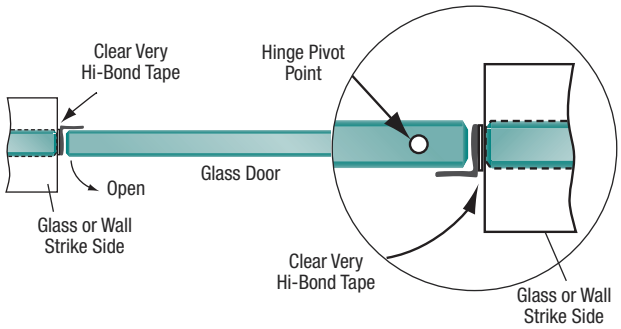
MSDS ONLINE

- Water Clear Transparent Color
- Instant Pressure Sensitive Bonding
- Excellent for Use With Glass or Clear Polycarbonates, Seals, and Wipes Used in Frameless Shower Installations
- Moisture Resistant – Excellent Weathering Properties
- Will Not Harden or Become Brittle With Age
- Foldable and Compressible

MORE INFORMATION crlaurence.com







CRL Transparent Acrylic Very Hi-Bond Tape is used in adhesive applications involving glass or other clear materials, making it ideal for adhering clear polycarbonates, edge wipes, and seals used in frameless shower installations. Other applications include skin-to-frame assemblies, furniture, appliances, auto trim attachment, window grids, signs, graphics, construction uses to replace mechanical fasteners and welds, and whenever a waterproof bond in a wide range of temperature conditions exists. A new application utilizes the clear acrylic tape for perimeter bonding of resin-filled laminated glass.

This tape possesses a uniform high-tack acrylic adhesive on both surfaces, and will bond to most clean, dry, oil-free substrates. It is non-staining after aged contact, has a solid composition for clean cutting, and is flexible, moldable, and compressible, so it can conform to intricate shapes.

CRL Very Hi-Bond Adhesive Tapes can be applied at 50° - 100°F (10° - 38°C), and will maintain adhesion at sub-zero temperatures. After application, the bond strength will increase as the adhesive flows onto the surface. At room temperature, approximately 50 percent of the ultimate strength will be achieved after 20 minutes, 90 percent after 24 hours, and 100 percent after 72 hours. The speed can be increased by raising the temperature to 150°F (65.5°C) for a period of one hour. Its solid acrylic core gives it superior strength, and allows for clean cuts.

CAT. NO.	TYPE	THICKNESS	WIDTH	ROLL LENGTH	ROLLS/CASE
AT0201436	Transparent	.020" (.5 mm)	1/4" (6.3 mm)	36' (11 m)	36
AT02014	Transparent	.020" (.5 mm)	1/4" (6.3 mm)	216' (66 m)	24
AT0401436	Transparent	.040" (1 mm)	1/4" (6.3 mm)	36' (11 m)	36
AT04014	Transparent	.040" (1 mm)	1/4" (6.3 mm)	108' (33 m)	24
AT0401236	Transparent	.040" (1 mm)	1/2" (12.7 mm)	36' (11 m)	36
AT04012	Transparent	.040" (1 mm)	1/2" (12.7 mm)	108' (33 m)	24
AT04512	Translucent	.045" (1.1 mm)	1/2" (12.7 mm)	108' (33 m)	24
AT04534	Translucent	.045" (1.1 mm)	3/4" (19 mm)	108' (33 m)	14
AT0451	Translucent	.045" (1.1 mm)	1" (25.4 mm)	108' (33 m)	14
AT0452	Translucent	.045" (1.1 mm)	2" (50.8 mm)	108' (33 m)	8

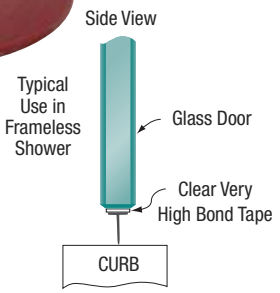
Minimum order: 1 roll. All tapes on this page can be combined for quantity pricing.

CRL 3M® Transparent and Translucent Adhesive Tapes

- Bonds to Most Clean, Dry Surfaces Instantly
- Full Strength Attained in 72 Hours
- Widely Used by Frameless Shower Door Installers

SPEC. DATA ONLINE





CAT. NO.	TYPE	WIDTH	THICKNESS	ROLL LENGTH	ROLLS/CASE
490514	Transparent, 3M® VHB® Double-Sided	1/4" (6.3 mm)	.020" (.5 mm)	216' (66 m)	36
491014	Transparent, 3M® VHB® Double-Sided	1/4" (6.3 mm)	.040" (1 mm)	108' (33 m)	36
491012	Transparent, 3M® VHB® Double-Sided	1/2" (12.7 mm)	.040" (1 mm)	108' (33 m)	18
491034	Transparent, 3M® VHB® Double-Sided	3/4" (19 mm)	.040" (1 mm)	45' (14 m)	12
SDT51660	Translucent, *Double-Sided	5/16" (7.9 mm)	.005" (.13 mm)	180' (55 m)	16
867238	Transparent, 3M® Single-Sided	3/8" (9.5 mm)	.006" (.15 mm)	108' (33 m)	24

Minimum order: 1 roll. All tapes on this page can be combined for quantity pricing. *SDT51660 is not manufactured by 3M®.

CRL Clear Double-Sided PVC Tape

- Easy-to-Peel Off Liner
- Tape Does Not Stretch



SPEC. DATA ONLINE

This CRL Double-Sided PVC Tape adheres to rubber, plastic, glass, metal, and wood substrates. Great for adhering polycarbonate seals to frameless shower doors. Excellent temperature, UV, aging, and water vapor resistance.

CAT. NO.	WIDTH	THICKNESS	ROLL LENGTH	ROLLS/CASE
4420C	23/64" (9 mm)	.009" (.23 mm)	180' (55 m)	24

Minimum order: 1 roll. All tapes on this page can be combined for quantity pricing.

CRL 3M® Very High Bond Manufacturing Tapes

- Super Adhesive, High Bonding Strength White Tape Can Replace Rivets, Screws, Spot Welds, and Liquid Adhesives



SPEC. DATA ONLINE

Can be used for interior or exterior industrial applications. It applies neatly and easily, conforms to irregular surfaces, and allows concealment during use. It also features excellent resistance to ultraviolet light, solvents, moisture, and plasticizer migration.

CAT. NO.	WIDTH	THICKNESS	ROLL LENGTH	ROLLS/CASE
494512	1/2" (12.7 mm)	.045" (1.1 mm)	108' (33 m)	18
3M462412	1/2" (12.7 mm)	.062" (1.6 mm)	108' (33 m)	18
494534	3/4" (19 mm)	.045" (1.1 mm)	108' (33 m)	12
49451	1" (25.4 mm)	.045" (1.1 mm)	108' (33 m)	9
3M4622112	1-1/2" (38 mm)	.045" (1.1 mm)	108' (33 m)	9
49452	2" (50.8 mm)	.045" (1.1 mm)	108' (33 m)	6

Minimum order: 1 roll. All tapes on this page can be combined for quantity pricing.

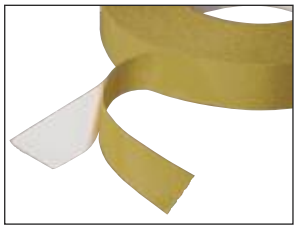
CRL Very High Adhesion Foam Tape

SPEC. DATA ONLINE

- White Double-Sided Self-Adhesive Tape

This tape combines a PVC backing with outstanding acrylic adhesive for secure, reliable mounting of many different materials.





CAT. NO.	WIDTH	THICKNESS	ROLL LENGTH	ROLLS/CASE
4970	1" (25.4 mm)	.009" (.23 mm)	180' (55 m)	36

Minimum order: 1 roll. All tapes on this page can be combined for quantity pricing.

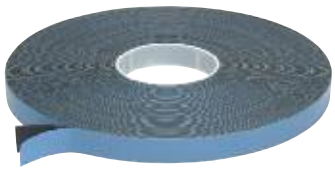
CRL Acrylic Foam Very Hi-Bond Adhesive Tape

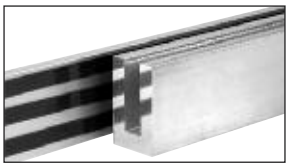
SPEC. DATA ONLINE

MSDS ONLINE

- Can be Used to Adhere Cladding to Base Shoe in CRL Railing Systems

MORE INFORMATION crlaurence.com





This CRL Acrylic Foam Very Hi-Bond Tape is designed to replace mechanical fasteners and welds for a variety of applications including: cladding, auto trim attachment, window grids, signs, graphics, and construction use. It's solid acrylic core gives it superior strength, and allows for clean cuts. Best adhesion when applied at temperatures above 50°F (10°C) to 100°F (38°C). Full strength is attained in 72 hours.

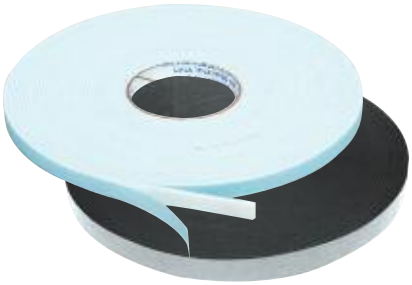
CAT. NO.	WIDTH	THICKNESS	ROLL LENGTH	ROLLS/CASE
AT234	3/4" (19 mm)	.045" (1.1 mm)	108' (33 m)	12

Minimum order: 1 roll. All tapes on this page can be combined for quantity pricing.

3M and VHB are registered trademarks of 3M Company.

CRL All Purpose Mirror Mounting Foam Tape

SPEC. DATA ONLINE



- Double-Sided Self-Adhesive Tape
- Excellent Shear Strength
- Ideal for Mounting Mirror Tiles, Mirrors, Glass, Metals, Plastics, and Other Surfaces



Mirror Walls - Use With Mastics for Immediate Adhesion

CRL All Purpose Foam Mounting Tape has a high-strength adhesive with tenacious holding power. A flexible closed cell polyethylene foam core is double-coated with a high-tack, rubber-based, pressure sensitive adhesive that makes a strong tape which will conform to irregular shapes and surfaces. The soft density of the foam core also lets you apply it to smooth and textured surfaces with the confidence that it will adhere to both equally. Applications include mounting small mirrors and mirror tiles; mounting metal or plastic signs; mounting posters or pictures; adhering edge moldings.

CAT. NO.	COLOR	THICKNESS	WIDTH	ROLL LENGTH	ROLLS/CASE
CRL213212	White	1/32" (.8 mm)	1/2" (12.7 mm)	216' (65.8 m)	23
CRL21321	White	1/32" (.8 mm)	1" (25.4 mm)	216' (65.8 m)	12
CRL211612	White	1/16" (1.6 mm)	1/2" (12.7 mm)	108' (33 m)	23
CRL211634	White	1/16" (1.6 mm)	3/4" (19 mm)	108' (33 m)	16
CRL21161	White	1/16" (1.6 mm)	1" (25.4 mm)	108' (33 m)	12
CRL210812	White	1/8" (3.2 mm)	1/2" (12.7 mm)	50' (15.2 m)	23
CRL210834	White	1/8" (3.2 mm)	3/4" (19 mm)	50' (15.2 m)	16
CRL21081	White	1/8" (3.2 mm)	1" (25.4 mm)	50' (15.2 m)	12
CRL423212	Black	1/32" (.8 mm)	1/2" (12.7 mm)	216' (65.8 m)	23
CRL421612	Black	1/16" (1.6 mm)	1/2" (12.7 mm)	108' (33 m)	23
CRL421634	Black	1/16" (1.6 mm)	3/4" (19 mm)	108' (33 m)	16
CRL420812	Black	1/8" (3.2 mm)	1/2" (12.7 mm)	50' (15.2 m)	23

Minimum order : 1 roll. All sizes and colors can be combined for quantity pricing.



Metal and Plastic Signs

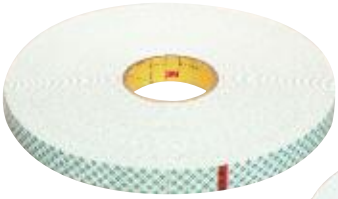
CRL 3M® Scotch® Mount Foam Tape

SPEC. DATA ONLINE

MSDS ONLINE

- Strong, Sticky, Double-Sided Self-Adhesive Tape
- Conforms to All Surfaces
- Ideal for Mounting Mirror Tiles, Mirrors, Plaques or Frames Directly to the Wall

MORE CHOICES crlaurence.com





Mini Roll

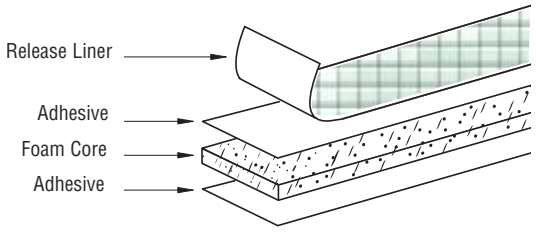


DOUBLE-COATED FOAM CONSTRUCTION

The strong, pressure sensitive adhesive of 3M® Scotch® Mount Foam Tape is bonded to a high density foam. Because this foam conforms to any surface, you will find it ideal to use for mounting mirror squares, small plaques or frames directly to walls. A favorite in the glass industry, it is available in three widths, and gives you neat, clean, and easy mounting.

CAT. NO.	THICKNESS	WIDTH	ROLL LENGTH	ROLLS/CASE
403212	1/32" (.8 mm)	1/2" (12.7 mm)	216' (66 m)	18
40321	1/32" (.8 mm)	1" (25.4 mm)	216' (66 m)	9
401612	1/16" (1.6 mm)	1/2" (12.7 mm)	108' (33 m)	18
401634	1/16" (1.6 mm)	3/4" (19 mm)	108' (33 m)	12
40163445	1/16" (1.6 mm)	3/4" (19 mm)	45' (13.7 m)	12
40161	1/16" (1.6 mm)	1" (25.4 mm)	108' (33 m)	9
400812	1/8" (3.2 mm)	1/2" (12.7 mm)	108' (33 m)	18
400834	1/8" (3.2 mm)	3/4" (19 mm)	108' (33 m)	12
40083421	1/8" (3.2 mm)	3/4" (19 mm)	21' (6.4 m)	12
40081	1/8" (3.2 mm)	1" (25.4 mm)	108' (33 m)	9

Minimum order: 1 roll. Sizes can be combined for quantity pricing.



Paper Backing Peels Off Easily and Exposes the High Quality Foam Core and Adhesive

3M and Scotch are registered trademarks of 3M Company.

CRL Loctite® Minute Bond Adhesive and Primer

SPEC. DATA ONLINE

MSDS ONLINE

NO →

- Clear Color Makes it an Excellent All Purpose Adhesive
- Superior Holding Power Up to 3000 psi
- Joins Glass to Metal Permanently in Just Seconds
- Four Kit Sizes Including Single Application

MORE INFORMATION
crlaurence.com

CRL Loctite® Minute Bond Adhesive permanently bonds non-porous materials such as glass, metal, tile, coated wood, plastics, and nylon with superior strength holding power up to 3,000 psi. The combined Primer and Adhesive two-step application offers handling strength in 10 seconds, 60% full strength in two minutes, and a full cure in 24 hours. Kits contain both Adhesive and Primer.



CAT. NO. 0144
1.69 Fl. Oz. Kit



CAT. NO. 3325
0.8 Fl. Oz. Kit



CAT. NO. 3346
0.2 Fl. Oz. Kit



CAT. NO. 37438
Single Application Kits



CAT. NO. 73656
Minute Bond Primer

NOTE: Minute Bond Adhesive is only recommended for use on non-porous flat surfaces that are to be mated together with a gap of .004" maximum. Where bond gaps are large, up to a maximum of .02", or faster cure speed is required, primer should be applied to both surfaces. Primer should be 72°F (22°C) or warmer.

CAT. NO.	CONTENTS	MINIMUM ORDER
0144	1.69 Fl. Oz. (50 ml) Adhesive/6 Oz. (170 g) Primer	1 Kit
3325	0.8 Fl. Oz. (24 ml) Adhesive/6 Oz. (170 g) Primer	1 Kit
3346	0.2 Fl. Oz. (6 ml) Adhesive/1.33 Oz. (38 g) Primer	1 Kit
37438	0.01 Fl. Oz. (0.3 ml) Adhesive/0.02 Fl. Oz. (0.6 ml) Primer	1 Box (12/bx)
73656	6 Oz. (170 g) Minute Bond Primer	1 Can

Minimum order: 1 each.

CRL Loctite® Superbonder® Adhesive

MSDS ONLINE

SPEC. DATA ONLINE

NO →

- Bonds Instantly
- No Mixing
- No Mess



CAT. NO. 49504
0.1 Oz. (3 g)



CAT. NO. 49550
1 Oz. (28.4 g)

CRL Loctite® Superbonder® Adhesive sets in seconds to form a permanent transparent bond. It's effective on metal, rubber, aluminum, ceramics, vinyl, alloys, plastics, and other non-porous surfaces. Comes ready to use, with no mixing required.

CAT. NO.	NET WEIGHT	QTY/CASE
49504	0.1 Oz. (3 g)	10
49550	1 Oz. (28.4 g)	10

Minimum order: 1 each.

CRL Loctite® Prism® Instant Adhesives

MSDS ONLINE

SPEC. DATA ONLINE

NO →

- Fast Curing Gel Bonds Non-Porous and Porous Surfaces
- Highly Resistant to Solvents, Weathering, and Temperature Extremes



CAT. NO. 45404
High Viscosity



CAT. NO. 40104
Medium Viscosity



CAT. NO. 40140
Medium Viscosity

Use CRL Loctite® Prism® in places where you could never use instant adhesives before. Prism® goes beyond typical cyanoacrylate adhesives to perform on wood, leather, ceramic, paper, foam, rubber, fabric, metal, plastic or elastomeric materials. Prism® also works on acidic surfaces, such as freshly plated or coated metal parts.

CAT. NO.	NET WEIGHT	DESCRIPTION	QTY/CASE
45404	0.1 Oz. (3 g)	High Viscosity Gel	30
40104	0.1 Oz. (3 g)	Medium Viscosity Gel	30
40140	0.7 Oz. (20 g)	Medium Viscosity Gel	10

Minimum order: 1 each.

Loctite, Superbonder, and Prism are registered trademarks of Henkel Corporation.

CRL Loctite® Metal Contact Cement

- The Strength of an Epoxy and the Speed of an Instant Adhesive
- Permanently Bonds Cap Rails, Hand Rails, and Their Accessories With Superior Strength for Holding Power Up to 4,900 psi

MORE INFORMATION crlaurence.com

SPEC. DATA ONLINE

MSDS ONLINE





To permanently bond Metal Rails and their accessories we suggest this strong adhesive system from Loctite®, with two different Primers to best suit your assembly time frame.

Use Cat. No. 7649 Primer to activate in 60 seconds, 60% of full strength in two minutes, and a full cure in 24 hours. When a longer curing time is needed use Cat. No. 7075 Primer to activate in five minutes, 60% of full strength in ten minutes, and a full cure in 24 hours.

CAT. NO.	DESCRIPTION	ACTIVATION	CONTENTS
32629	Metal Contact Cement	---	1.69 Fl. Oz. (50 ml)
7649	Primer for Metal Contact Cement	60 Seconds	1.75 Fl. Oz. (52 ml)
7075*	Primer for Metal Contact Cement	5 Minutes	4.5 Oz. (128 g)

Minimum order: 1 each. *Cat. No. 7075 cannot be shipped via air freight.

CRL Loctite® Fast Cure Epoxy

MSDS ONLINE

- Bonds Virtually Any Material in as Little as 10 Minutes
- Pre-Measured Individual Mixer Cups Assure Consistent Results





Zip off the protective film, pop the mixer cup, and mix the pre-measured parts thoroughly. The resulting gray-colored mixture gives a strong and confident bond to glass, metal, plastic, wood, ceramic, marble, brick, concrete, and many more surfaces.

CAT. NO.	CUP CONTENTS	QTY/PACK
44581X10	.12 Fl. Oz. (3.5 ml)	10 Cups
21426X10	1 Oz. (28 g)	10 Cups

Minimum order: 1 pack.

CRL Loctite® Poxy-Pak™ Clear Two-Part Epoxy

SPEC. DATA ONLINE

MSDS ONLINE

- Pre-Measured Resin and Hardener for Easy Application, Consistent Strength
- Resealable - No Waste
- Bonds Virtually Any Material



CRL Loctite® Poxy-Pak™ Clear Adhesive is a rapid cure two-part epoxy that reaches handling strength in about five minutes, and fully cures in 45 to 60 minutes. Poxy-Pak™ is easily dispensed from the two-cylinder syringe in any amount you need. It bonds metals, ceramics, concrete, wood, glass, and most plastics. It's inexpensive to use, as the unused portion can be re-sealed and saved. May be drilled, tapped, sanded, machined, and painted after it cures. Poxy-Pak™ cures at room temperature, and can withstand temperatures up to 300°F (149°C).

CAT. NO.	CONTENTS	QTY/CASE
81120	1 Fl. Oz. (29 ml)	12

Minimum order: 1 each.

Loctite is a registered trademark of Henkel Corporation.
Double/Bubble is a registered trademark of Royal Adhesives and Sealants, LLC.

CRL Double/Bubble® Extra Fast Setting Clear Epoxy

MSDS ONLINE

- Handling Strength in Minutes



Fold Snip Squeeze Mix/Apply

This extra fast setting, two-component, room temperature curing Epoxy is clear in color, and provides handling strength in only 15 to 30 minutes. Bonds to most substrates including: glass, metal (carbon steel, stainless steel, aluminum), wood, concrete, stone, ceramics, leather, china, and many plastics. Cures in temperatures as low as 0°F (-18°C). Cured epoxy withstands temperatures to 180°F (82°C). Net weight per pouch is 3.5 grams (.12 oz.). Minimum order is five each.



CAT. NO. DB04001

CRL Loctite® Threadlocker

MSDS ONLINE

SPEC. DATA ONLINE



• Locks and Seals Against Loosening

This blue-colored sealer locks standard nuts in place and keeps them from loosening due to vibration. The medium strength formula allows nuts to be removed for disassembly using normal hand tools, and also helps protect threads from corrosion.

• New Semi-Solid Stick



CAT. NO.	CONTENTS	QTY/CASE
24221	.34 Fl. Oz. (10 ml) Liquid	10
24231	1.69 Fl. Oz. (50 ml) Liquid	10
37684	.32 Oz. (9 g) Stick	10
37087	.67 Oz. (19 g) Stick	10

Minimum order: 1 each.

CRL Loctite® Form-A-Thread®

MSDS ONLINE



• Repairs Threads in Less Than One Hour

CRL Loctite® Form-A-Thread® repairs almost all fastener sizes and thread grades. It maintains the thread size, so you can re-use the original fastener.

MORE INFORMATION crlaurence.com

CAT. NO.	CONTENTS	QTY/CASE
28654	.32 Fl. Oz. (9.5 ml)	6

Minimum order: 1 each.

CRL 3M® Super Weatherstrip Adhesive (Black Color)

MSDS ONLINE

SPEC. DATA ONLINE

NO



• Rapid Setting and Strong, Yet Flexible

3M® Super Weatherstrip Adhesive is a strong, flexible, rubbery adhesive that withstands vibration and extreme temperature variations. Primarily designed to provide the strength and rapid setting needed to hold weatherstripping and gaskets in place.

CAT. NO.	CONTENTS	QTY/CASE
3M8008	5 Fl. Oz. (147 ml)	12

Minimum order: 1 each. All 3M Adhesives on this page can be combined for quantity pricing.

CRL 3M® Super Weatherstrip Adhesive (Yellow Color)

MSDS ONLINE

SPEC. DATA ONLINE

NO



• Great for Car Bonding and Sealing

This 3M® Super Weatherstrip Adhesive is primarily used for bonding and sealing weatherstripping to car trunks and doors. Easy to brush on and spread, it's also extremely fast drying. 3M® Super Weatherstrip Adhesive resists oil, grease, and solvents. A good general purpose cement for the auto shop.

CAT. NO.	CONTENTS	QTY/CASE
3M8001	5 Fl. Oz. (147 ml)	12

Minimum order: 1 each. All 3M Adhesives on this page can be combined for quantity pricing.

CRL 3M® Weatherstrip Adhesive

MSDS ONLINE

SPEC. DATA ONLINE

NO



• Excellent Adhesion to EPDM Weatherstripping

This 3M® Weatherstrip Adhesive is used for bonding and sealing weatherstripping, as well as sealing between rubber and glass. The black color matches most weatherstripping. It is easy to apply, remains flexible, and is waterproof.

CAT. NO.	CONTENTS	QTY/CASE
3M8011	5 Fl. Oz. (147 ml)	12

Minimum order: 1 each. All 3M Adhesives on this page can be combined for quantity pricing.

CRL 3M® Plastic and Emblem Adhesive

MSDS ONLINE

SPEC. DATA ONLINE

NO



• Clear, Strong, and Quick Drying

3M® Plastic and Emblem Adhesive is used for plastic repair and emblem applications. Because it is clear, strong, and quick drying it can be used for both interior and exterior bonding.

CAT. NO.	CONTENTS	QTY/CASE
3M8061	5 Fl. Oz. (147 ml)	12

Minimum order: 1 each. All 3M Adhesives on this page can be combined for quantity pricing.

Loctite and Form-A-Thread are registered trademarks of Henkel Corporation.
3M is a registered trademark of 3M Company.

CRL 3M® Auto-Mix™ Adhesive System

- Black Color Adhesive is Extremely Fast-Setting
- Side Glass Bonding is Easier, Goes Faster



CAT. NO. 3M21791
3M™ Auto-Mix™ Adhesive Mixer Nozzle

MSDS ONLINE



CAT. NO. 3M8641
3M™ Auto-Mix™ Adhesive



CAT. NO. 3M8190
3M™ Auto-Mix™ Adhesive Applicator Gun

CRL 3M® Auto-Mix™ Adhesive is a fast-curing, two-part epoxy that is extremely flexible when cured. Use it with the assurance that it will hold the bonded glass in the side channel, and resist vibration and shock. The CRL 3M® Auto-Mix™ Adhesive Applicator Gun with the special Mixer Nozzle (12 per pack) quickly and neatly mixes and dispenses the adhesive exactly where you want it. Handling strength is achieved in about 15 minutes, with full cure in one hour. Net content of both tubes of adhesive is 1.6 fl. oz. (47 ml). Minimum order is one each for the Adhesive and Applicator Gun and one package of 12 for the Mixer Nozzles.

CRL 3M® Structural Adhesive

- Powerful Bonding Strength
- Bonds Steel, Glass, Rubber, Plastic, and Fiberglass

MSDS ONLINE

NO AIR FREIGHT

MORE INFORMATION crlaurence.com



CAT. NO. 3M8101

CRL 3M® Structural Adhesive is a two-part general purpose adhesive that may be used for many structural and auto repair jobs. It may be used for bonding auto glass to metal retainers and also for trim ornaments and miscellaneous fiberglass repairs. The two components come in separate tubes, you mix an equal amount from each tube as needed for each repair. This powerful bonding system bonds steel, glass, rubber, plastic, and fiberglass. Achieves handling strength in one hour and full cure in eight hours. Each Kit contains two tubes, one 2 fl. oz. (59 ml) tube of each part per package. Minimum order is one each.

CRL #33 Acrylic Cement

- Clear-Thickened Acrylic Cement
- Joins Acrylic Sheet, Plexiglas®, Lucite®, and Acrylite®

MSDS ONLINE

NO AIR FREIGHT

MORE INFORMATION crlaurence.com



CAT. NO. 3352133

Used to adhere acrylic to acrylic. Apply this cement and allow it to wet both surfaces. Hold or clamp firmly until set. Joint will be fully cured in 24 hours. This high-viscosity cement is perfect to apply to exterior edges of acrylic hinges for added strength. Tube contents is 1.5 fl. oz. (44 ml). Minimum order is one each.

CRL Storm Window and Door Frame Adhesive and Solvent

- For New and Remedial Glazing of Aluminum Storm Windows and Doors
- Fast Drying, Firm Bond

MSDS ONLINE

NO AIR FREIGHT



CAT. NO. C205GL



CAT. NO. C215GL

CRL Storm Window Adhesive is an extremely strong bonding adhesive used for gluing glass into aluminum frame storm windows and doors. Flexible and fast drying, it has high resistance to heat and water. Seals glass, vinyl, steel, wood, and aluminum. Off-white neutral color. CRL Storm Window and Door Adhesive Solvent is used to clean up or thin CRL Storm Window Adhesive.
NOTE: Always use care and caution when working with solvents.

CAT. NO.	DESCRIPTION	CONTENTS
C205GL	Adhesive	1 Gallon (3.785 l)
C215GL	Adhesive Solvent	1 Gallon (3.785 l)

Minimum order: 1 gallon.

3M is a registered trademark of 3M Company.
Plexiglas is a registered trademark of Arkema France Corp.
Lucite is a registered trademark of Lucite International, Inc.
Acrylite is a registered trademark of Evonik Cyro LLC.

CRL Spray Adhesive

- For Permanent or Temporary Bonds to Cardboard, Paper, Glass, Wood, Cloth, Metal, Plastic and Foam Rubber
- Quick Tack and Water Resistant

MORE CHOICES crlaurence.com

MSDS ONLINE

NO AIR FREIGHT







CRL Spray Adhesive is an easy-to-use industrial strength cement for installing insulation, attaching gaskets, joining foam rubber, applying labels, mounting sanding discs, tacking cloth, and dozens of other uses in the shop, factory or home. CRL66 makes a permanent or temporary bond that will not wrinkle, and is water resistant.

CAT. NO.	NET WEIGHT	QTY/CASE
CRL66	13 Oz. (369 g)	12

Minimum order: 1 each.

CRL 3M® 77 Spray Adhesive

MSDS ONLINE

NO AIR FREIGHT

- Fast Drying
- Heat and Water Resistant
- Uniform Spray Application



3M® 77 Spray Adhesive is a strong, translucent, fast-drying, multi-purpose adhesive for permanently attaching foils, cloth, carpeting, foams, paper, cardboard, felt, etc. to metal, wood, hardboard, and other base materials. Aggressive, high initial tack allows sufficient "positioning" time. It's an extremely versatile adhesive for the shop or home.

CAT. NO.	NET WEIGHT	QTY/CASE
3M77	16.75 Oz. (475 g)	12

Minimum order: 1 each.

CRL Vinyl Weld

MSDS ONLINE

- Bonds PVC to PVC
- Fills Gaps and Gouges



Use CRL Vinyl Weld when bonding PVC to PVC. This gives you the ability to weld any part of a vinyl window or door in the field because it cures and becomes rigid PVC. 1/2 oz. (15 ml) tubes have a fine nozzle for precise sealing.



CAT. NO.	COLOR	NET WEIGHT
VW1W	White	1/2 Oz. (15 ml)
VW1ALM	Almond	1/2 Oz. (15 ml)
VW1T	Tan	1/2 Oz. (15 ml)

Minimum order: 1 each.

CRL Liquid Nails® Adhesive

MSDS ONLINE

NO AIR FREIGHT

- Bonds to Most Common Building Materials



CRL Liquid Nails® is a fast-bonding, superior quality, water resistant latex adhesive for interior use. Recommended for bonding plywood, hardboard, furring strips and molding, paneling, drywall, and cork board. **NOTE:** Liquid Nails® is not recommended for styrofoam, ceiling tile, plastic, marble and granite, or mirrors.

Liquid Nails® has a strong initial grab, and a working time of up to 10 minutes on clean and dry surfaces. One of the surfaces to be bonded must be porous. Applies with a standard caulking gun, and cleans up with water when still wet.

CAT. NO.	CONTENTS	QTY/CASE
LN601	10 Fl. Oz. (296 ml)	24

Minimum order: 1 each. Can be combined with all cartridge sealants for quantity pricing.

CRL Titebond® Heavy-Duty Construction Adhesive

MSDS ONLINE

NO AIR FREIGHT

- Designed for a Wide Range of Construction Applications



Titebond® Heavy-Duty Construction Adhesive is a versatile, professional-strength adhesive that exceeds the American Plywood Associations AFG-01 specification. It is specifically designed for a wide range of construction applications including wet, frozen, and treated lumber. It is also ideal for metal, brick, concrete, ceramic, fiberglass, and most large panel-type substrates. **NOTE:** Not available for sale in California.

CAT. NO.	CONTENTS	QTY/CASE
F5261	10.5 Fl. Oz. (311 ml)	12

Minimum order: 1 each. Can be combined with all cartridge sealants for quantity pricing.

3M is a registered trademark of 3M Company.
Liquid Nails is a registered trademark of AK20 Nobel Paints LLC.
Titebond is a registered trademark of Franklin International, Inc.

CRL Kwixset™ and Rockite™ Expanding Cements

SPEC. DATA ONLINE

MSDS ONLINE

- Kwixset™ for Exterior Applications
- Rockite™ for Interior Applications
- Great for Setting Core Mount Stanchions for Vertical Posts
- Fast Setting, They Will Not Shrink or Crack When Used as Directed
- Recommended on All Wet Glaze HRS Hand Railing Installations



Exterior Applications



Interior Applications

CRL Kwixset™ and Rockite™ are gray, hydraulic type cements that expand as they set, and are specially formulated to produce unequaled strength and bonding qualities. When mixed with water they pour into place smoothly. Both set within 15 to 20 minutes, and when fully cured develop compression strengths in excess of 8,000 pounds per square inch.

Kwixset™ is not affected by standing water, making it the right cement for exterior use, while the more economical Rockite® is great for any interior application. Use either product to set railings, posts, and other fixtures because they will not shrink, crack or dry out.

KWIXSET™ CEMENT

CAT. NO.	CONTENTS
KWX25	25 Pounds (11.3 kg)
KWX50	50 Pounds (22.7 kg)

Minimum order: 1 each. **NOTE:** Kwixset™ can be used in temperatures as low as 40˚F (4˚C).

ROCKITE™ CEMENT

CAT. NO.	CONTENTS
R0CK01	1 Pound (.453 kg)
R0CK05	5 Pounds (2.27 kg)
R0CK10	10 Pounds (4.54 kg)
R0CK50	50 Pounds (22.7 kg)

Minimum order: 1 each. **NOTE:** Rockite™ can be used in temperatures as low as 25˚F (-4˚C).

MIXING GUIDELINES

BASE SHOE RUNNING FEET	CEMENT POUNDS	IN MIXING PITCHER	WATER PINTS	FLUID OZ.	MILLILITERS
4 (1.2 m)	5 (2.27 kg)	2000 ml (2 l)	1-1/4	20	591.5
8 (2.4 m)	10 (4.54 kg)	4000 ml (4 l)	2-1/2	40	1183
12 (3.6 m)	15 (6.80 kg)	6000 ml (6 l)	3-3/4	60	1774.5

These mixing proportions are guidelines based on what we feel is the best way to mix and apply cement, and we make no guarantee or warranty as to its performance. We suggest you make a sample batch for testing purposes to determine the exact formula that is right for your application before beginning any job.

EXAMPLE: #1 For 8 feet (2.4 m) of Base Shoe you need 10 pounds of cement and 40 ounces of water for the correct mix.

EXAMPLE: #2 For 12 feet (3.6 m) of Base Shoe you need 6000 milliliters of cement and 1774.5 milliliters of water for the correct mix.

CRL Cement Mixing Kit and Mixing Accessories

MORE INFORMATION crlaurence.com

- Everything Needed to Accurately Measure and Mix Expanding Cement
- Buy the Kit or Order Items Individually

We have developed a kit with a combination of accessories that makes it easier to get the proper mixture of water and expanding cement. Simply mix two 3000 ml pitchers, approximately 15 lbs. (6.8 kg) of expanding cement with almost two full 1000 ml pitchers, approximately 60 fl. oz. (1774.5 ml) of water and you have the correct mixture for 12 ft (3.6 m) of Base Shoe. The handy 3.5 gallon (13.25 l) Pouring Pail has a spout and handle for easy delivery of the mixture. The Plastic Scoop and Mixing Spoon complete the kit. Use our Cat. No. GRP35 Cement Pouring Ramp for a neat and effective method of directing the mixture just where you want it.



CAT. NO.	DESCRIPTION
GRP30	Cement Mixing Kit with one of each: 1000 ml Pitcher (Water); 3000 ml Pitcher (Dry Cement), 3.5 Gallon Pouring Pail, Plastic Scoop, Mixing Spoon
GRP31	Set of Mixing Pitchers: 1000 ml (Water), 3000 ml (Dry Cement)
GRP32	3.5 Gallon Pouring Pail
GRP33	Plastic Scoop
GRP34	Mixing Spoon

Minimum order: 1 each.

TOLL FREE Phone: (800) 421-6144
Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

The Easy Solution For All Your Glass Bonding Needs

MORE INFORMATION crlaurence.com



CAT. NO. GB10
UV Glass Bonding System Catalog



VIDEO

Join the Growing Trend of UV Glass Bonding

The use of glass combined with other materials continues to grow year after year. Store displays, showcases, and furniture designs are being produced without the usual mechanical fasteners and moving toward the clean, transparent look of UV bonded components.

CRL takes the mystery out of glass bonding with our complete line of UV and UV/Visible Light Adhesives, Fixation Devices, UV Lamps, and Glass Furniture Hardware. Everything you need with easy-to-understand instructions and guidelines to produce glass bonded work from functional glass furniture to beautiful glass artwork. There are hundreds of possible uses in glass construction with the Glass Bonding System from CRL. New innovative Fixation Devices make construction faster and easier. Advanced UV Adhesives provide strong bonds to many different substrates including laminated glass, tempered glass, steel, aluminum, stainless steel, ceramic, stone, wood, and plastics. We have a wide selection for UV Lamps for fast bonding of all sizes of glass furniture. We even have basic UV Starter Kits for first time users and professional kits for full time users, plus all the right cleaners and accessories needed to make your job easier and more profitable.

CRL Has the Right UV Adhesive for Any Application

- High, Medium, and Low Viscosity Formulas
- Strong Bond to Many Substrates, Even Laminated Glass



See Pages SF070-SF071

CRL Fixation Devices

- Wide Selection to Choose From
- Precisely Positions and Holds Glass in Place While Adhesive Cures



See Pages SF074-SF075

CRL UV Curing Lamps

PROTECT

- Provides Correct UV Wavelength for Proper Curing of UV Adhesives
- Numerous Models to Choose From



NOTE: Always wear special UV safety glasses, goggles, or face shield when using UV Curing Lamps.

See Page SF073

CRL Glass Furniture Hardware

- Latest Designs for Unique Glass Furniture
- Eliminates Cut-Outs, Notches or Drilling Holes in Glass



See Page SF076

CRL UV Glass Bonding Kits

VIDEO PROTECT NO AIR FREIGHT

Starting a new opportunity segment for your business can cause concern about making the right decisions on equipment and supply selection. CRL UV Glass Bonding Kits have all of the choices made for you in advance to allow you to enter this field of technology easily at various levels based on your needs. From our very basic CRL Small Project UV Glass Bonding Starter Kit suited for artists, hobbyists and small commercial requirements, to our Professional Kits with a wider variety of equipment and components, you will find just the right Kit to start creating finished projects in no time. Backed by our experienced in-house technicians and detailed instructions included with each Kit, you'll have everything you need at a great price without the tedious research usually required to start your new range of product offers. Go to **crlaurence.com/uv-bonding** for our full UV Glass Bonding Product Line.

CRL Basic UV Glass Bonding Kit

- **Complete Glass-to-Glass and Glass-to-Metal Projects**
- **Crystal Clear Medium-Bodied UV Adhesive**
- **Ships With Easy-to-Follow Instructions**

MORE INFORMATION crlaurence.com



CRL BASIC UV GLASS BONDING KIT INCLUDES:

- 1 each Cat. No. UV240 110 Volt UV Adhesive Curing Lamp
- 1 each Cat. No. UVS30 UV Protective Spectacles
- 1 each Cat. No. UV604L25 Medium Viscosity UV Adhesive
- 5 each Cat. No. UVN85 Medium Viscosity Applicator Needles
- 2 each Cat. No. UVA1 Application Needle Adapters
- 1 each Cat. No. RS65 Glass Scraper
- 100 each Cat. No. 51S Single Edge Razor Blades
- 12 pair Cat. No. 700512 Nitrile Gloves
- 1 pack Cat. No. Z100 Extra Fine Steel Wool
- 1 each Cat. No. CRL7528 Cleaner Degreaser
- 1 each Cat. No. T1418 Carrying Case
- 1 each Cat. No. DVDUV101 Training Video

CAT. NO. UVSK2
Minimum order is one each

CRL Professional UV Glass Bonding Kit With Tube Lamp

- **Professional Quality Kit for UV Bonding**
- **Complete Larger Projects**
- **Ships With Easy-to-Follow Instructions**



CRL PROFESSIONAL UV GLASS BONDING KIT WITH TUBE LAMP INCLUDES:

- 1 each Cat. No. UVBL15 110 Volt Adhesive Curing Tube Lamp
- 1 each Cat. No. UV604L25 Medium Viscosity UV Adhesive
- 1 each Cat. No. UV701T25 Low Viscosity UV Adhesive
- 5 each Cat. No. UVN85 Medium Viscosity Applicator Needles
- 5 each Cat. No. UVN35 Low Viscosity Applicator Needles
- 2 each Cat. No. UVA1 Application Needle Adapters
- 1 each Cat. No. RS65 Glass Scraper
- 100 each Cat. No. 51S Single Edge Razor Blades
- 12 pair Cat. No. 700512 Nitrile Gloves
- 1 pack Cat. No. Z100 Extra Fine Steel Wool
- 1 each Cat. No. CRL7528 Cleaner Degreaser
- 1 each Cat. No. UVS30 UV Protective Spectacles
- 1 each Cat. No. UV69962 Mini Clamp-It® 90 Degree Fixation Set
- 1 each Cat. No. UV69954 Clamp-It® 90 Degree Fixation Set
- 2 each Cat. No. UV282 Adjustable Angle Fixation Device
- 4 each Cat. No. UV285 Eccentric Height Adjustment Stops
- 1 each Cat. No. UVB1N1 Storage Container
- 1 each Cat. No. DVDUV101 Training Video

CAT. NO. UVSK3
Minimum order is one each

CRL Professional UV Glass Bonding Kit With High Intensity Lamp

- **Perfectly Suited for the Fabrication of Showcases and Glass Furniture**
- **Supplied With CRL's Four Most Popular UV Bonding Adhesives for a Wide Variety of Applications**
- **Fixation Devices Securely Position Your Work Pieces for Precise Fabrication**



CAT. NO. UVSK4
Minimum order is one each

CRL PROFESSIONAL UV GLASS BONDING KIT WITH HIGH INTENSITY LAMP INCLUDES:

- 1 each Cat. No. DVDUV101 Training Video
- 1 each Cat. No. Z7596 110 Volt UV Adhesive Curing Lamp
- 1 each Cat. No. UV602L85 Medium Viscosity UV Adhesive
- 1 each Cat. No. UV604L25 Medium Viscosity UV Adhesive
- 1 each Cat. No. UV701T25 Low Viscosity UV Adhesive
- 1 each Cat. No. UV70310 High Viscosity UV Adhesive
- 2 each Cat. No. UV9SET Application Needle Sets
- 4 each Cat. No. UVA1 Application Needle Adapters
- 1 each Cat. No. RS65 Glass Scraper
- 100 each Cat. No. 51S Single Edge Razor Blades
- 12 pair Cat. No. 700512 Nitrile Gloves
- 1 pack Cat. No. Z100 Extra Fine Steel Wool
- 1 each Cat. No. CRL7528 Cleaner Degreaser
- 1 each Cat. No. UV1575 Non-Contact Laser Thermometer
- 1 each Cat. No. WH7080 Small 90 Degree Fixation Device
- 1 each Cat. No. UV280 Large 90 Degree Fixation Device
- 1 each Cat. No. UV69962 Mini Clamp-It® 90 Degree Fixation Set
- 1 each Cat. No. UV69954 Clamp-It® 90 Degree Fixation Set
- 2 each Cat. No. UV282 Adjustable Angle Fixation Device
- 4 each Cat. No. UV285 Eccentric Height Adjustment Stops
- 1 each Cat. No. UVB1N2 Storage Container

Clamp-It is a registered trademark of Rockler Companies, Inc.

CRL UV703 High Viscosity UV Adhesive

- Use to Adhere All-Glass Showcases, Shelves, Furniture, Towel Bars, and Standoff Bases
- Optically Clear
- Fast, High-Strength Bonds
- Acceptable Bondline Gap: 1 to 2 mil (.0254 to .0508 mm)
- Tensile/Shear Strength: 2046 psi
- Shore D Hardness: 50-60

MSDS ONLINE
SPEC. DATA ONLINE
VIDEO



30g 100g 250g 1000g

NOTE: When bonding plastics, always test first, as not all plastics can be bonded properly. Do not bond any coated parts (powder coated or galvanized) with this adhesive.

CAT. NO.	DESCRIPTION	CONTENTS
UV70330	High Viscosity UV Adhesive	30g
UV70310	High Viscosity UV Adhesive	100g
UV70325	High Viscosity UV Adhesive	250g
UV7031K	High Viscosity UV Adhesive	1000g

Minimum order: 1 each.

CRL UV701T Low Viscosity UV Adhesive

- Ideal for Production of Glass Furniture
- Cures Within Seconds Upon Exposure To UV Light
- Capillary Action
- Optically Clear
- Acceptable Bondline Gap: 0.5 to 1 mil (.0127 to .0254 mm)
- Tensile/Shear Strength: 1737 psi

MORE INFORMATION crlaurence.com

MSDS ONLINE
SPEC. DATA ONLINE
VIDEO



30g 100g 250g 1000g

NOTE: When bonding plastics, always test first, as not all plastics can be bonded properly. Do not bond any coated parts (powder coated or galvanized) with this adhesive.

CAT. NO.	DESCRIPTION	CONTENTS
UV701T30	Low Viscosity UV Adhesive	30g
UV701T10	Low Viscosity UV Adhesive	100g
UV701T25	Low Viscosity UV Adhesive	250g
UV701T1K	Low Viscosity UV Adhesive	1000g

Minimum order: 1 each.

CRL UV602L UV/Visible Light Adhesive

- Bonds Laminated Glass
- UV and Visible Light Cure
- Medium Viscosity With Capillary Action
- Optically Clear
- Best Adhesion to Plastics
- Acceptable Bondline Gap: 0.5 to 1 mil (.0127 to .0254 mm)
- Tensile/Shear Strength: 1450 psi

MSDS ONLINE
SPEC. DATA ONLINE
VIDEO



85g 1000g

NOTE: When bonding plastics, always test first, as not all plastics can be bonded properly. Do not bond any coated parts (powder coated or galvanized) with this adhesive.

CAT. NO.	DESCRIPTION	CONTENTS
UV602L85	UV/Visible Light Adhesive	85g
UV602L1K	UV/Visible Light Adhesive	1000g

Minimum order: 1 each.

CRL UV604L UV/Visible Light Adhesive

- Especially Strong Glass to Metal Bonds
- UV and Visible Light Cure
- Medium Viscosity
- Optically Clear
- Acceptable Bondline Gap: 0.5 to 1 mil (.0127 to .0254 mm)
- Tensile/Shear Strength: 2968 psi

MSDS ONLINE
SPEC. DATA ONLINE
VIDEO



30g 100g 250g 1000g

NOTE: When bonding plastics, always test first, as not all plastics can be bonded properly. Do not bond any coated parts (powder coated or galvanized) with this adhesive.

CAT. NO.	DESCRIPTION	CONTENTS
UV604L30	UV/Visible Light Adhesive	30g
UV604L10	UV/Visible Light Adhesive	100g
UV604L25	UV/Visible Light Adhesive	250g
UV604L1K	UV/Visible Light Adhesive	1000g

Minimum order: 1 each.

CRL UV601 Low Viscosity UV Adhesive

- Ideal for Glass-to-Glass Bonding
- Capillary Action
- Optically Clear
- Acceptable Bondline Gap: 0.5 to 1 mil (.0127 to .0254 mm)
- Tensile/Shear Strength: 2400 psi
- Shore D Hardness: 80-90

MSDS ONLINE
SPEC. DATA ONLINE
VIDEO

NOTE: When bonding plastics, always test first, as not all plastics can be bonded properly. Do not bond any coated parts (powder coated or galvanized) with this adhesive.



CAT. NO.	DESCRIPTION	CONTENTS
UV60130	Low Viscosity UV Adhesive	30g
UV60110	Low Viscosity UV Adhesive	100g
UV60125	Low Viscosity UV Adhesive	250g
UV6011K	Low Viscosity UV Adhesive	1000g

Minimum order: 1 each.

CRL UV603T Medium Viscosity UV Adhesive

- Extremely Flexible for Bonding Different Materials and Surface Bonding
- Capillary Action
- Optically Clear
- Acceptable Bondline Gap: 0.5 to 1 mil (.0127 to .0254 mm)
- Tensile/Shear Strength: 1450 psi
- Shore D Hardness: 25-35

MORE INFORMATION crlaurence.com

NOTE: When bonding plastics, always test first, as not all plastics can be bonded properly. Do not bond any coated parts (powder coated or galvanized) with this adhesive.

MSDS ONLINE
SPEC. DATA ONLINE
VIDEO



CAT. NO.	DESCRIPTION	CONTENTS
UV603T85	Medium Viscosity UV Adhesive	85g
UV603T1K	Medium Viscosity UV Adhesive	1000g

Minimum order: 1 each.

CRL UV702 High Viscosity UV Adhesive

- Withstands High Static and Dynamic Forces
- Optically Clear
- Suitable for Universal Applications
- Acceptable Bondline Gap: 1 to 2 mil (.0254 to .0508 mm)
- Tensile/Shear Strength: 1625 psi
- Shore D Hardness: 60-70

MSDS ONLINE
SPEC. DATA ONLINE
VIDEO

NOTE: When bonding plastics, always test first, as not all plastics can be bonded properly. Do not bond any coated parts (powder coated or galvanized) with this adhesive.



CAT. NO.	DESCRIPTION	CONTENTS
UV70230	High Viscosity UV Adhesive	30g
UV70210	High Viscosity UV Adhesive	100g
UV70225	High Viscosity UV Adhesive	250g
UV7021K	High Viscosity UV Adhesive	1000g

Minimum order: 1 each.

CRL Loctite® Impruv® UV Adhesive

- Optically Clear UV Adhesive
- Bonds and Seals Glass-to-Glass, or Glass-to-Metal Components
- Cures Within Seconds

MSDS ONLINE
SPEC. DATA ONLINE
NO

CAT. NO.	DESCRIPTION	CONTENTS
UV349	UV Clear Adhesive	1.69 Fl. Oz. (50 ml)
UV34990	UV Clear Adhesive	33.8 Fl. Oz. (1 l)
20162	Cleaner and Degreaser	16 Fl. Oz. (473 ml)

Minimum order: 1 each. *Loctite Cleaner and Degreaser **cannot** be shipped via air freight.



CAT. NO. UV349
UV Adhesive



CAT. NO. 20162*
Cleaner and Degreaser

Loctite and Impruv are registered trademarks of Henkel Corporation.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL UV Adhesive Dispensing Needles

- Eight Needle Sizes to Fit All UV Adhesive Applications
- Color Coded for Quick, Accurate Selection
- Sold Individually or in a Cost-Saving Set



100g
Empty Bottle





Dispensing
Needle Adapter

CAT. NO.	COLOR	DIAMETER	FOR ADHESIVES
UVN25	Red	0.25 mm	UV701
UVN35	Orange	0.35 mm	UV701
UVN40	Blue	0.40 mm	UV701 & UV602L
UVN50	Dark Blue	0.50 mm	UV602L & UV604L
UVN60	Violet	0.60 mm	UV602L & UV604L
UVN85	Green	0.85 mm	UV602L & UV604L
UVN140	Dark Red	1.40 mm	UV604L
UVN155	Dark Green	1.55 mm	UV703 & UV349
UVA1	Orange	-	Dispensing Needle Adapter
UV9SET	-	-	Complete 8 Needle Set with Adapter
UV100G	-	-	Empty Bottle with Tip

Minimum order: 5 each. (Except UVA1 and UV9SET, 1 each.)

CRL Cleaner and Degreaser

- Cleans Up Uncured Adhesive
- Contains No Ozone Depleting Chemicals
- Evaporates Quickly

MSDS ONLINE

NO AIR FREIGHT



MORE CHOICES crlaurence.com

CAT. NO. CRL7528
20 Oz. (567 g)
12 cans per case.
Minimum order is one each

CRL S50 Sprayway® Glass Cleaner

- A Glass Industry Favorite for Years
- Ammonia Free Formula
- Fast Evaporation Rate
- Just Spray and Wipe Clean

MSDS ONLINE

NO AIR FREIGHT



CAT. NO. S50
19 Oz. (539 g)
12 cans per case.
Minimum order is one case

CRL Hot Air Gun Kit

- Dual Heat and Fan Settings
- 1000 W - 375°C/700°F and 1500 W - 495°C/925°F
- Removes Moisture Quickly and Reliably From the UV Bonding Surface

CAT. NO.	DESCRIPTION
LD121	110V Hot Air Gun Kit
LD121AU	240V Hot Air Gun Kit w/AU Plug
LD121EU	220V Hot Air Gun Kit w/EU Plug

Minimum order: 1 each.



CRL UV-Absorbing Spectacles

- Protects Against UV Exposure
- Fits Easily Over Regular Eyeglasses

PROTECT





CAT. NO. UVS30
Minimum order is one each

Sprayway is a registered trademark of Claire-Sprayway, Inc.

CRL UV-Absorbing Goggles

- Protects Eyes From UV Sources
- Meets ANSI and OSHA Standards
- Fits Easily Over Regular Eyeglasses

PROTECT





CAT. NO. UVG50
Minimum order is one each

CRL UV Curing Lamps and Accessories

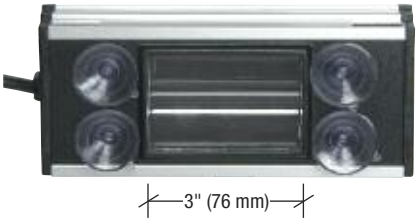
PROTECT VIDEO

To cure the technologically advanced UV Adhesives offered by C.R. Laurence, UVA Lamps emitting wave lengths in the range of 315-400 nm are required. A comprehensive selection of models are available to meet all the requirements to construct beautifully finished showcase, display, furniture, and specialty projects.

Depending on the type of construction used, the choice of the proper UV Curing Lamp is essential. Depending on the choice of lamp used, prior testing is recommended to determine full cure time based on the lamp's strength and the age of the bulb. Our Cat. No. UV1365 UV Transmission and Power Meter can provide precise ratings when needed. Go to **crlaurence.com/glass-detectors** for additional information.

CRL Compact AC UV Curing Lamp

- Lightweight and Durable
- Excellent for Smaller Projects
- Built-In Suction Cups for Positioning



NOTE: Not recommended for glass over 3/8" (10 mm) thick or long bondlines

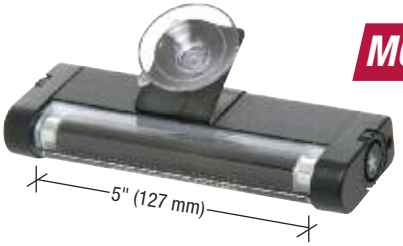
CAT. NO.	DESCRIPTION
UV240	Compact Curing Lamp 110 Volts AC 60Hz
UV240230	Compact Curing Lamp 230 Volts AC 50Hz
UV240BULB	Replacement Bulb for UV240, UV240230 and UB80

Minimum order: 1 each.

CRL Battery Operated UV Curing Lamp

- Cures All CRL UV Bonding Adhesives
- Built-In Suction Cup for Positioning
- Four "AA" Batteries Included With the Lamp

MORE CHOICES crlaurence.com



NOTE: Not recommended for glass over 1/4" (6 mm) thick or long bondlines

CAT. NO.	DESCRIPTION
UB80	Battery Operated UV Adhesive Curing Lamp
UV240BULB	Replacement Bulb for UB80, UV240, and UV240230

Minimum order: 1 each.

CRL Single Tube UV Curing Lamp

- Cures All CRL UV Bonding Adhesives
- Extra Long 30 Foot (9.1 m) Cord
- 17-1/2" (444 mm) Irradiation Length



CAT. NO. UVBL15

CAT. NO.	DESCRIPTION
UVBL15	Single Tube 15 Watt UV Curing Lamp 110 Volts 60Hz
UVBL15BULB	Replacement Bulb for 15 Watt Single Tube UV Curing Lamp

Minimum order: 1 each.

CRL Long Double Tube UV Curing Lamp

- 48" (1219 mm) Tubes for Long Seam UV Bonding
- Most Powerful Lamp of Its Type
- Mountable Fixture Housing

UL Listed



CAT. NO. XX40
Minimum order is one each

CRL Hand-Held Spot Bulb UV Curing Lamp

- Powerful 100 Watt Lamp Cures UV Adhesives in Seconds
- Impact Resistant Polymer Housing is Dent-Proof

CAT. NO.	DESCRIPTION
Z7596	Hand-Held Spot Bulb UV Curing Lamp 110V AC 60Hz
AUZ7596	Hand-Held Spot Bulb UV Curing Lamp 240V AC 50Hz
Z100SM	Replacement Bulb for Lamps with Serial Numbers 1567104 and Higher
Z100S	Replacement Bulb for Lamps with Serial Numbers 1567103 and Lower
Z2F100C	Replacement Filter for Z7596/AUZ7596
UVG100	Heat Guard Stand for Z7596/AUZ7596

Minimum order: 1 each. Included with each lamp is one pair of Cat. No. UVG50 Goggles, one pair of Cat. No. UVS30 Spectables, and a Cat. No. UVG100 Heat Guard.



The CRL Hand-Held Spot Bulb UV Curing Lamp Provides up to a 40mW/cm2 of UV-A energy to cure all of our UV Adhesives in just seconds. Perfect for fabricating with our UV Bonded Hardware components.

CRL Fixation Devices

MORE INFORMATION
crlaurence.com

- Used When Curing UV Adhesives
- Prevents Bonding Parts From Moving While Curing
- Adjustable to Multiple Angles

It is absolutely critical that the bonded surfaces are kept stabilized and in a fixed position while UV Adhesives are curing. This is made possible by using these specially designed CRL Fixation Devices. From simple economical clamps to precision engineered, adjustable holders that are capable of placing the parts in precise angled positions, CRL offers a complete line of Fixation Devices designed for use when bonding UV Adhesives. These devices allow just one person to manage the steps involved when working with UV Adhesives. Using our CRL Fixation Devices properly will give professional results. Go to **crlaurence.com/uv-bonding** for our full Product Line of UV Glass Bonding Systems and Tools. **NOTE:** CRL Fixation Devices are designed to hold components in place while bonding with UV adhesives. Serious injury or damage can result if you try to use them for anything other than their intended use. Do not attempt to lift or carry glass or marble with these devices. For vacuum lifting devices visit **crlaurence.com/vacuum-cups**.



CRL Adjustable Angle Suction Holder With 4-1/2" (114 mm) Pads

- Suction Cups Hold Glass Firmly in Place While Adhesive Cures
- Precise Adjustment to Any Desired Position Between 45 and 300 Degrees
- 4-1/2" (114 mm) Diameter Rubber Suction Pads With Covers



CAT. NO. 3C024090
4-1/2" Protective Pad Cover
Minimum order is one each



CAT. NO. WH9602G
Minimum order is one each

CRL Adjustable Angle Suction Holder With 4-3/4" (120 mm) Pads

- Holds Glass Pieces From Inside or Outside Surface While Adhesive Cures
- Adjustable Between 40 and 300 Degrees
- Height and Position Can Be Adjusted Up to 11/16" (18 mm)
- 4-3/4" (120 mm) Diameter Rubber Suction Pads

CAT. NO. UV282
Minimum order is one each



CRL Inside 90 Degree Suction Holder

- Suction Cups Hold Glass Firmly at 90 Degree While Adhesive Cures
- Perfect for Frameless Shower Installations
- Height and Position Can Be Adjusted Up to 11/16" (18 mm)
- 4-3/4" (120 mm) Diameter Rubber Suction Cups

CAT. NO. UV280
Minimum order is one each



CRL Eccentric Height Adjustment Stop

- Adheres to Glass With Suction Cup
- Used for Height Adjustment of Glass Pieces
- Shelf Leveling Made Easy When Used in Pairs
- Rotate the Disk to the Desired Position



CAT. NO. UV285
Minimum order is one each

CRL Suction Stop and Holder

- Used to Hold Glass Panels in Place
- Can Be Adjusted With Great Precision
- Suction Pad Measures 2-1/4" (57 mm)
- Used in Pairs to Hold a Glass Shelf in Place While Adhesive Cures



CAT. NO. RH670
Minimum order is one each

CRL Adjustable Inside 90 Degree Suction Holder

MORE CHOICES crlaurence.com

- Suction Cups Hold Glass Firmly in Place at 90 Degrees While Adhesive Cures
- Height and Position Can Be Adjusted Up to 5/16" (8 mm)
- 2-1/8" (54 mm) Diameter Rubber Suction Pads



CAT. NO. WH7080
Minimum order is one each

CRL Third-Hand Power Clamp

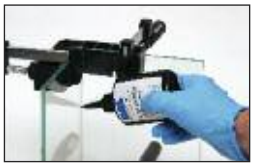
- Perfect for Aligning Adjacent Shower Enclosure Panels
- Bar Adjusts 5-3/4" (146 mm) Side-to-Side
- Two Threaded Clamp Knobs
- 4-1/2" (114 mm) Vacuum Cup With 9" (229 mm) Long Clamping Bar



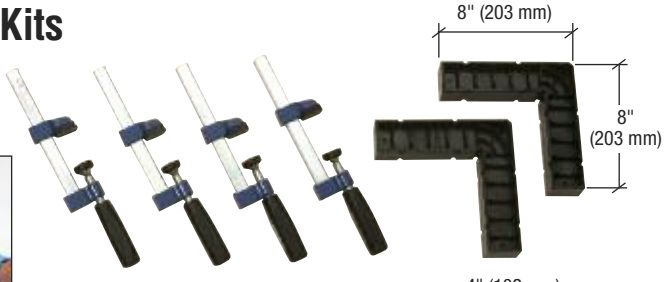
CAT. NO. UV91111
Minimum order is one each

CRL 90 Degree Clamp-It® Assembly Square Kits

- Holds Glass Pieces at Fixed 90 Degree Angle
- Cost-Effective Method for Holding Glass Surfaces in Place
- Kits Come Complete With Two Assembly Squares and Four Steel Bar Clamps
- Manufactured From High-Impact Rigid Polycarbonate



Mini Clamp-It® Clamps Shown



CAT. NO. UV69954
Clamp-It® Kit



CAT. NO. UV69962
Mini Clamp-It® Kit

CAT. NO.	DESCRIPTION	BAR CLAMP SIZE
UV69954	Clamp-It® Kit	3/4" (19 mm)
UV69962	Mini Clamp-It® Kit	3/4" (19 mm)

Minimum order: 1 each.

Clamp-It is a registered trademark of Rockler Companies, Inc.

CRL UV Glass Bonding Hardware for Furniture and Display Products

MORE INFORMATION crlaurence.com

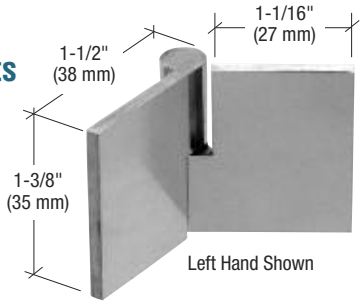
USE MONOLITHIC TEMPERED GLASS

Glass had long been the choice for unique designs and display products due to the many alternatives available for glass thicknesses and colors. Because of glass furniture's ability to create an illusion of a much larger environment as well as un-obstructed views of other highlights, the 'all-glass' look has been the choice of many interior designers. Through the development of UV glass bonding adhesives and specialty hardware like hinges, locks, pulls, shelf supports, handles, knobs, and counter top supports, glass bonding has developed into a whole new world of glass product designs and fabrication without the need for cut-outs, notches or drilling holes in the glass.

C.R. Laurence has all the glass bonding cleaners, UV adhesives, fixation devices, clamps, and a vast selection of UV glass hardware you will need to create truly original glass furniture or displays. Also important is that C.R. Laurence has the technical resources and expertise to answer any glass bonding questions you may have. For additional information on CRL's Glass Bonding Products, contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. Ask for ext. 7720. You can also e-mail us through our web site, **crlaurence.com**. From the home page click on Contact Us, and then click on Technical Sales for Glass and Glazing Products.

CRL UV Flat Glass-to-Glass Hinge

- **Ideal for Smaller 'All-Glass' Cabinets**



These free-swinging brushed stainless steel Glass-to-Glass Hinges are designed for smaller 'all-glass' cabinets with inset doors. The maximum recommended glass thickness is 1/4" (6 mm). The maximum weight per pair of Hinges is 22 lbs. (10 kg). The minimum order is one each.

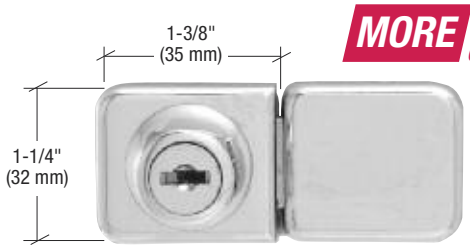
CAT. NO.	JAMB
UV6265	Right Hand
UV6267	Left Hand

Minimum order: 1 each. All UV Hinges can be combined for quantity pricing.

CRL UV Classic Series Glass Door Lock and Keeper for Double Doors

- **Available in Chrome and Brushed Nickel**

MORE CHOICES crlaurence.com



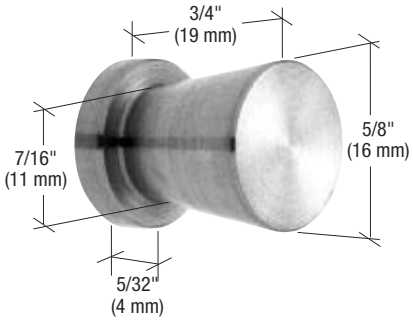
This UV Lock for double glass doors can be bonded at any convenient door height. The Lock cylinder functions as a door pull.

CAT. NO.	DESCRIPTION	FINISH
UV417CH	Double Doors	Chrome
UV417BN	Double Doors	Brushed Nickel

Minimum order: 1 each. Finishes can be combined for quantity pricing.

CRL UV Stainless Steel Knob

- **Ideal for Small Glass Doors or Kitchen Cabinets**



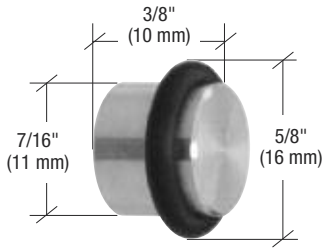


CRL's UV Stainless Steel Knobs are perfect for small cabinets or showcases with glass doors. The tapered knob design is easy to grip and provides a contemporary appearance. The base of the Knob measures 5/8" (16 mm), and extends 3/4" (19 mm) from the door's surface. Minimum order is one each.

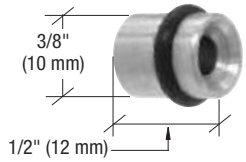
CAT. NO. UV6256
Minimum order is one each

CRL Fixed Shelf Supports

- **For Glass or Wood Shelves**



CAT. NO. UVCK15



CAT. NO. UV6197

CRL offers two styles of Fixed Shelf Supports. One can be attached to glass by UV bonding, the other to wood side panels using a screw. Both Supports can hold glass up to 3/8" (10 mm) thick. The rubber ring protects the glass from both movement and scratches.

CAT. NO.	DESCRIPTION	WEIGHT CAPACITY
UVCK15	UV Support for Glass	11 lbs. (5 kg)
UV6197	Support for Wood Panels	22 lbs. (10 kg)

Minimum order: 1 each.

CRL Blue Masking and Trim Securing Tape

- Leaves No Adhesive Residue for Up to Seven Days
- Ideal for Masking Tooled Silicone Joints



CRL Blue Masking and Trim Securing Tape is ideal for holding in moldings on urethane-set windshields, also as a masking tape for tooled silicone joints in frameless shower door installations, or any exterior sealing applications such as storefronts, where the metal needs to be protected.

CAT. NO.	WIDTH	ROLL LENGTH	ROLLS/CASE
BL9934	3/4" (19 mm)	180' (54.8 m)	48
BL991	1" (25.4 mm)	180' (54.8 m)	36
BL99112	1-1/2" (38.1 mm)	180' (54.8 m)	24
BL992	2" (50.8 mm)	180' (54.8 m)	24

Minimum order: 1 roll. All Masking Tape can be combined for quantity pricing.

CRL 3M® Blue Windshield and Trim Securing Tape

- Leaves No Adhesive Residue for Up to 14 Days
- Can Also Be Used as a Mask for Tooled Silicone Joints



CRL 3M® Blue Windshield and Trim Securing Tape is most commonly used for holding the trim around newly installed windshields while the urethane sets. It can also be used in frameless shower door installations as a mask for tooled silicone joints and for any exterior sealing application such as storefronts, where the metal needs to be protected.

CAT. NO.	WIDTH	ROLL LENGTH	ROLLS/CASE
3M6817	3/4" (19 mm)	180' (54.8 m)	48
3M6818	1" (25.4 mm)	180' (54.8 m)	36
3M6819	1-1/2" (38.1 mm)	180' (54.8 m)	24
3M6820	2" (50.8 mm)	180' (54.8 m)	24

Minimum order: 1 roll. All Masking Tape can be combined for quantity pricing.

CRL Multi-Purpose Masking Tape

- Six Convenient Widths
- High Quality Adhesive



Use CRL Multi-Purpose Masking Tape for masking, packaging, bundling, sealing, "X"-ing window glass, or for many other jobs. Designed to stick to all surfaces, smooth or rough, it easily conforms to irregular shapes. This high quality, low-priced tape is packed in plastic sleeves to keep it fresh for a long shelf life.

CAT. NO.	WIDTH	ROLL LENGTH	ROLLS/CASE
40312	1/2" (12.7 mm)	180' (54.8 m)	72
40334	3/4" (19 mm)	180' (54.8 m)	48
4031	1" (25.4 mm)	180' (54.8 m)	36
403112	1-1/2" (38.1 mm)	180' (54.8 m)	24
4032	2" (50.8 mm)	180' (54.8 m)	24
4033	3" (76.2 mm)	180' (54.8 m)	16

Minimum order: 1 roll. All Masking Tape can be combined for quantity pricing.

3M is a registered trademark of 3M Company.

CRL Black Masking Tape

MORE CHOICES crlaurence.com

- For General Purpose Mirror and Automotive Use
- Three Convenient Widths



CRL Black Masking Tape is used in between and behind joints of mirror walls to leave a clean black line. This tape also acts as a shock-absorbing cushion when applied to the edge of the mirror, eliminating "clam shell" caused by mirror edges striking each other.

CAT. NO.	WIDTH	ROLL LENGTH	ROLLS/CASE
23534	3/4" (19 mm)	180' (54.8 m)	48
2351	1" (25.4 mm)	180' (54.8 m)	36
632W	2" (50.8 mm)	180' (54.8 m)	24

Minimum order: 1 roll. All Masking Tape can be combined for quantity pricing.

CRL Automotive Masking Tape

- Adheres Evenly and Strips Clean
- Excellent for Refinish Painting



Professional auto body shops use CRL Automotive Masking Tape for refinish painting. Its excellent conformability and stain-resistant curing adhesive let you do it right the first time. Eliminates paint build-up along the tape line, and strips clean.

CAT. NO.	WIDTH	ROLL LENGTH	ROLLS/CASE
13934	3/4" (19 mm)	180' (54.8 m)	48
1392	2" (50.8 mm)	180' (54.8 m)	36

Minimum order: 1 roll. All Masking Tape can be combined for quantity pricing.

CRL 3M® Automotive Masking Tape

- Expressly for the Professional Auto Paint Refinisher
- Solvent Resistant
- Good Holding Power



Made expressly for the professional auto paint refinisher, 3M® Automotive Masking Tape features good holding power, conformability, instant adhesion, solvent resistance, and smooth texture. It unwinds easily from the roll, and stretches around moldings, handles, etc., without pulling away.

CAT. NO.	WIDTH	ROLL LENGTH	ROLLS/CASE
3M26334	3/4" (19 mm)	180' (54.8 m)	48
3M26336	1" (25.4 mm)	180' (54.8 m)	36
3M26340	2" (50.8 mm)	180' (54.8 m)	24

Minimum order: 1 roll. All Masking Tape can be combined for quantity pricing.

CRL Duct Tape

MORE CHOICES crlaurence.com

- Highly Aggressive Adhesive on a Strong Cloth Tape
- Resistant to Heat Extremes and Moisture
- Conforms Well to Corners and Sharp Edges



CRL Duct Tape is a bonding of highly aggressive natural adhesive to a strong cloth tape with a coating of polyethylene. It is resistant to moisture and heat extremes.

CAT. NO.	COLOR	WIDTH	ROLL LENGTH	ROLLS/CASE
C5192	Gray	2" (50.8 mm)	180' (54.8 m)	24
C5193	Gray	3" (76.2 mm)	180' (54.8 m)	16
C5292	Black	2" (50.8 mm)	180' (54.8 m)	24

Minimum order: 1 roll. Sizes and colors can be combined for quantity pricing.

3M is a registered trademark of 3M Company.

CRL Filament Tape

- Perfect for Sealing, Reinforcing, Holding, Strapping, Bundling, Securing, Shipping, Etc.



CRL Filament Tape is a reinforced strapping tape that firmly grabs without cutting into cartons or edges of soft materials. Unidirectional filaments reinforce the tape for strong tear resistance.

CAT. NO.	WIDTH	ROLL LENGTH	ROLLS/CASE
898T12	1/2" (12.7 mm)	180' (54.8 m)	72
898T34	3/4" (19 mm)	180' (54.8 m)	48
898T1	1" (25.4 mm)	180' (54.8 m)	36

Minimum order: 1 roll. Sizes can be combined for quantity pricing.

CRL Carton Sealing Tapes

- Extra Sticky for Easy Application
- Available in Clear or Tan
- High Tensile Strength Keep Packages Together Through Most Abusive Handling



CRL Carton Sealing Tapes are pressure-sensitive, premium grade clear or tan polypropylene films that are used for sealing cartons, packages, etc. The tapes are extremely sticky, giving strong holding power to corrugated and other materials.

CAT. NO.	COLOR	WIDTH	ROLL LENGTH	ROLLS/CASE
3802	Clear	2" Nominal (48 mm)	165' (50.3 m)	36
4264	Tan	2" Nominal (48 mm)	165' (50.3 m)	36

Minimum order: 1 roll.

CRL 3M® Adhesive Transfer Tape

- A High Performance Tape That Bonds Metal, Wood, Glass, and Some Plastics
- Apply, Peel the Release Liner, and a Strip of Strong Adhesive Remains



Use 3M® Adhesive Transfer Tape to bond dissimilar materials such as metals, wood, glass, and some plastics. Apply tape to bond area, peel the release liner, and you have a thin strip of adhesive. This translucent tape is two mils (.05 mm) thick.

CAT. NO.	WIDTH	ROLL LENGTH	ROLLS/CASE
46712	1/2" (12.7 mm)	180' (54.8 m)	72
4671	1" (25.4 mm)	180' (54.8 m)	36

Minimum order: 1 roll. Sizes can be combined for quantity pricing.

CRL Deluxe Windshield and Trim Securing Tape*

- Works in Temperatures From 30° to 200°F
- Contains Special UV Inhibitors



MORE CHOICES
crlaurence.com

CRL Deluxe Windshield and Trim Securing Tape is a high strength, nine mils thick, white polyethylene tape with special UV inhibitors and adhesive.

CAT. NO.	WIDTH	ROLL LENGTH	ROLLS/CASE
921W	1" (25.4 mm)	108 Ft. (33 m)	48
922W	2" (51 mm)	108 Ft. (33 m)	24

Minimum order: 1 roll. All tapes on this page can be combined for quantity pricing.

***Warning:** These products are not recommended for use on poorly repainted or lacquered surfaces. Purchaser shall be solely responsible for determining the adequacy of these products for any and all uses to which the purchaser shall apply these products, and the application of these products by the purchaser shall not be subject to any implied warranty of fitness for that purpose. Statements or descriptions of these products are for information only, and not made or given as a warranty of these products in any way.

3M is a registered trademark of 3M Company

CRL Vinyl Molding Retention Tape*

- Perforated Every 6" for Easy Tearing
- With or Without Printed 24 Hour Warning



Orange with Imprint

CRL's Vinyl Molding Retention Tape is designed to temporarily hold moldings while auto urethane adhesives cure. Vinyl tape repels water better than masking tapes. 108 ft. (33 m) per roll.

ORANGE CAT. NO.	CLEAR CAT. NO.	24 HOUR IMPRINT	WIDTH	ROLLS/ CASE
MT112	MT112C	NO	1-1/2" (38 mm)	32
MT112W	MT112CW	YES	1-1/2" (38 mm)	32
MT2	MT2C	NO	2" (51 mm)	24
MT2W	MT2CW	YES	2" (51 mm)	24

Minimum order: 1 roll. All tapes on this page can be combined for quantity pricing.

***Warning:** Do not use with or on lacquers, wallpapers, unpainted wallboard, or poorly bonded re-painted finishes. Purchaser shall be solely responsible for determining the adequacy of these products for any and all uses to which the purchaser shall apply these products, and the application of these products by the purchaser shall not be subject to any implied warranty of fitness for that purpose. Statements or descriptions of these products are for information only, and not made or given as a warranty of these products in any way.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Magnetic Tape

- **A Great Way to Secure Metal Signs or Steel Storm Windows**

Use CRL Magnetic Tape to hold metal signs or placards; to hold steel frame storm window panels; to trap metal particles near sensitive equipment. It has adhesive on one side that will adhere to virtually any clean, dry, smooth surface.



CAT. NO.	WIDTH	THICKNESS	ROLL LENGTH
M11598	1/2" (12.7 mm)	1/16" (1.6 mm)	10' (3 m)
M115103	1" (25.4 mm)	1/16" (1.6 mm)	10' (3 m)

Minimum order: 1 roll. Sizes can be combined for quantity pricing.

CRL Electrical Tape

MORE CHOICES crlaurence.com

- **UL Listed**
- **18-Month Shelf Life**

Designed to insulate wire, pipes, dissimilar metals, etc., CRL Electrical Tape is resistant to weather, water, acids, alkalies, and oils. A silicone spray additive gives it an 18-month shelf life. The glossy black tape is 7 mils (.18 mm) thick.



CAT. NO.	WIDTH	ROLL LENGTH	ROLLS/CASE
1ET314	3/4" (19 mm)	60' (18.3 m)	100

Minimum order: 1 roll.

CRL Friction Tape

- **The Auto Glass Shop Favorite for Setting Vent and Door Glass**

CRL Friction Tape is a heavy fabric tape with a tacky adhesive on both sides. Each roll is individually wrapped to preserve shelf life.



CAT. NO.	WIDTH	ROLL LENGTH	ROLLS/CASE
FT34	3/4" (19 mm)	60' (18.3 m)	50
FT112	1-1/2" (38 mm)	60' (18.3 m)	50

Minimum order: 1 roll. Sizes can be combined for quantity pricing.

CRL Lead Foil Tape

- **Ideal for Creating Diamond Window Effects**
- **Gives "Leaded" Window Look**

CRL Lead Foil Tape is ideal for use in creating imitation diamond or square windows. Rolls are 108 feet (33 m) in length. Tape is 5 mils (.127 mm) thick.



***Warning:** Lead is a known carcinogen, use extreme caution when handling lead foils. Use either latex or nitrile gloves whenever handling. Wash all areas that come in contact with lead foil, especially before eating, drinking/smoking.

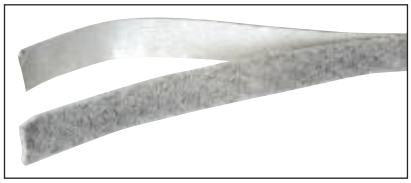
CAT. NO.	WIDTH
42238	3/8" (9.5 mm)
42212	1/2" (12.7 mm)
42234	3/4" (19 mm)

Minimum order: 1 roll. Sizes can be combined for quantity pricing.

CRL Glass Cushioning Felt Tape

- **Gray Felt With Adhesive Back**
- **Cushions Glass Showcase and Desk Tops**

Simple peel and stick application to clean and dry surfaces. Available in seven widths.



CAT. NO.	WIDTH	THICKNESS	ROLL LENGTH
FS2238	3/8" (9.5 mm)	1/16" (1.6 mm)	100' (30.5 m)
FS2212	1/2" (12.7 mm)	1/16" (1.6 mm)	100' (30.5 m)
FS2258	5/8" (15.9 mm)	1/16" (1.6 mm)	100' (30.5 m)
FS2234	3/4" (19 mm)	1/16" (1.6 mm)	100' (30.5 m)
FS221	1" (25.4 mm)	1/16" (1.6 mm)	100' (30.5 m)
FS22112	1-1/2" (38 mm)	1/16" (1.6 mm)	100' (30.5 m)
FS222	2" (51 mm)	1/16" (1.6 mm)	100' (30.5 m)

Minimum order: 1 roll. Sizes can be combined for quantity pricing.

CRL Sponge Rubber Desk Stripping

- **Provides an Excellent Protective Cushion Between Glass Top and Desk or Table Surface**

CRL Sponge Rubber Desk Stripping has adhesive on one side with a paper backing. 1/16" (1.6 mm) thick.



CAT. NO.	WIDTH	ROLL LENGTH
SRS33	3/4" (19 mm)	50' (15.2 m)

Minimum order: 1 roll.

CRL Glass Bandage

- Provides Highly Visible Warning of Broken Glass Hazards
- Transparent – Does Not Block Vision or Light
- Self-Adhesive – Remains In Place





MORE INFORMATION
crlaurence.com

Broken glass panes represent a significant safety hazard in factories, retail stores, office buildings, schools, hotels, and homes. CRL Glass Bandage offers a "quick-fix" until the glass can be replaced. Installation takes just minutes. Prevents air leakage while covering sharp edges and also seals in broken glass shards. Glass Bandage's brilliant red danger warning helps prevent harm to the public, reduce accident insurance claims, and possible legal suits. Glass Bandage is transparent, so it does not block vision and light - another safety plus! Roll size is 18" x 120" (457 x 3048 mm). Minimum order is one roll.

CAT. NO. 7100

CRL Window and Door Mask

- Protects From Paint Overspray and Stucco Application
- Economical 1200 Square Foot Roll
- Applies Quickly, Just Peel, Apply to Glass, and Trim
- Removal is Fast and Easy





Avoid costly clean up of paint overspray and misapplied stucco during construction with CRL Window and Door Mask. Window and Door Mask has no release liner to remove, so you simply peel from the roll, apply to glass, and then trim. This clear 3-mil polyethylene film stays where you put it because of its strong, water-based acrylic adhesive. Removal is fast and easy. 24" x 600' (610 mm x 183 m) long rolls are easy to handle and economical too, costing only pennies per square foot. Minimum order is one roll.

CAT. NO. MF304

CRL Surface Protection Film

- Protects Surfaces of Finished Pieces During Storage, Handling, and Transit
- Prevents Scratching of Glass During Routing or Sawing







CRL Surface Protection Film is a clear sheet of flexible plastic that prevents scratching and marring of your glass while routing or sawing. The GPF film is backed by a low-tack adhesive that can easily be removed later and won't "gum" up the glass after it is removed. Cat. No. 99118 adheres by static cling. Also works well with CRL Steel or Brass Tube Drills because the abrasive grain can easily scratch your glass when removing it. Use it to protect the surface of finished pieces during storage, handling, and transit. Recommended for glass, wood, or metal which has been polished or brushed.

- Available in Three Sizes

CAT. NO.	WIDTH	ROLL LENGTH
GPF25	12" (305 mm)	25' (7.6 m)
GPF50	12" (305 mm)	50' (15.2 m)
99118	18" (457 mm)	50' (15.2 m)

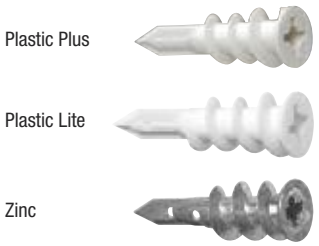
Minimum order: 1 roll.

CRL ITW Buildex E-Z Ancor®

- **Self-Drilling, One Piece Anchors for Mounting into 3/8", 1/2" or 5/8" (10, 13 or 16 mm) Thick Gypsum Wallboard**
- **Secure and Removable**
- **Our Best Selling Anchors**

MORE CHOICES crlaurence.com

These original CRL ITW Buildex E-Z Ancors are our best selling anchors because they are: fast (no predrilling or hole preparation necessary); easy (installs with only a #2 Phillips screwdriver or bit); neat (single point self-drills a clean, small hole); secure (deep threads provide strong hold in gypsum wallboard); removable (can be easily backed out). They are available in zinc and plastic to replace plastic plugs, toggle bolts, or "Molly" type anchors for dozens of different mounting applications. Maximum fixture thickness is 3/4" (19 mm).





STEP 1: Place #2 Phillips driver or bit into recess of E-Z Ancor®



STEP 2: Press into gypsum wallboard while turning clockwise until seated flush with wall.



STEP 3: Place fixture into position over E-Z Ancor®, insert screw and tighten.

HOLDING VALUES (ULTIMATE LOADS) – TENSILE (PULLOUT)

ANCHOR	WALLBOARD THICKNESS 3/8" (10 MM)	1/2" (13 MM)	5/8" (16 MM)
E-Z Plastic Plus	40 Lbs. (18 kg)	50 Lbs. (22.7 kg)	75 Lbs. (34 kg)
E-Z Plastic Lite	25 Lbs. (11.3 kg)	30 Lbs. (13.6 kg)	40 Lbs. (18 kg)
E-Z Zinc	40 Lbs. (18 kg)	50 Lbs. (22.7 kg)	75 Lbs. (34 kg)

These performance values are averages obtained under laboratory conditions.
NOTE: These values will change depending on age, moisture, content, and surface treatment of the drywall (gypsum material). Appropriate safety factors should be applied to these values for design purposes.

CAT. NO.	TYPE	SCREW SIZE
5035902	E-Z Plastic Plus	#6 – 8
5035902S	E-Z Plastic Plus with Screws	#8 x 1-1/2" Pan Head Phillips
5006902	E-Z Plastic Lite	#5 – 6
5006902S	E-Z Plastic Lite with Screws	#6 x 1-1/4" Pan Head Phillips
5000902	E-Z Zinc	#6 – 8
5000902S	E-Z Zinc with Screws	#8 x 1-1/2" Pan Head Phillips

Minimum order is 100 each. Order in increments of 100. Sizes can be combined for quantity pricing.

CRL Toggler® SnapSkru® Self-Drilling Drywall Anchors

- **Provides More Holding Power in 3/8", 1/2" or 5/8" (10, 13 or 16 mm) Thick Drywall and Ceilings**
- **Audible "Pop" Indicates Correct Install**

CRL Toggler® SnapSkru® Self-Drilling Anchors are designed to preserve drywall integrity at installation as well as when the item and screw are removed. These Anchors work with a range of screw sizes – MINI: #6 (recommended) to #8, and Regular: #6 to #10, #8 (recommended). Screws can be backed out and changed if needed without the Anchor coming out of the wall!

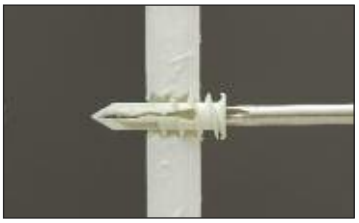
When activated with the minimum proper length screw: 1-1/4" (32 mm) for MINI and 1-1/2" (38 mm) for Regular, the Anchors open with an audible "pop", locking them in place in the wall or ceiling.



SnapSkru® MINI



SnapSkru® Regular



STEP 1: Place #2 Phillips driver or bit into recess of SnapSkru® and turn clockwise until seated.



STEP 2: Place fixture into position over SnapSkru®, insert screw and tighten until a "pop" sound is heard.

HOLDING VALUES (ULTIMATE LOADS) – TENSILE (PULLOUT)

ANCHOR	WALLBOARD THICKNESS 3/8" (10 MM)	1/2" (13 MM)	5/8" (16 MM)
SnapSkru® MINI	57 Lbs. (25.8 kg)	65 Lbs. (29.5 kg)	95 Lbs. (43 kg)
SnapSkru® Regular	57 Lbs. (25.8 kg)	79 Lbs. (35.8 kg)	135 Lbs. (61.2 kg)

Holding values are per anchor with #6 x 1-1/4" screw for MINI and #8 x 1-1/2" screw for Regular. Industry standard safe holding = 1/4 of ultimate load.

CAT. NO.	TYPE	SCREW SIZE
TA3003	SnapSkru® MINI	#6 – 8
TA3003S	SnapSkru® MINI with Screws	#6 x 1-1/4" Pan Head Phillips
TA3001	SnapSkru® Regular	#6 – 10
TA3001S	SnapSkru® Regular with Screws	#8 x 1-1/2" Pan Head Phillips

Minimum order is 100 each. Order in increments of 100. Sizes can be combined for quantity pricing.

E-Z Ancor is a registered trademark of Illinois Tool Works, Inc.
Toggler and SnapSkru are registered trademarks of Mechanical Plastics Corp.

CRL Plastic Screw Anchors

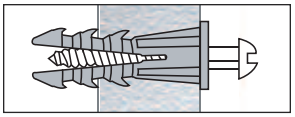
MORE CHOICES crlaurence.com

- These Best Selling Plastic Anchors Are Available With or Without Shoulders
- Use in Concrete, Block, Brick, Wallboard
- Use With Wood or Sheet Metal Screws



The Shoulderless Anchors will fit flush to the surface; while the type with shoulders keeps the Anchor from slipping through the hole. Both the 3/16" and 1/4" (5 and 6 mm) sizes accommodate screw sizes from #4 through #10.



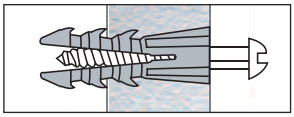


ANCHORS WITH SHOULDERS

CAT. NO.	SCREW SIZE	DRILL HOLE	QTY/PACK
1329	4 – 5 – 6	3/16" (5 mm)	1000
P1329C	4 – 5 – 6	3/16" (5 mm)	100
1339	8 – 10	1/4" (6 mm)	500
P1339C	8 – 10	1/4" (6 mm)	100

Minimum order: 100 each on packs of 100. 1 pack on Bulk Packs of 500 and 1000. Sizes can be combined for quantity pricing.





ANCHORS WITHOUT SHOULDERS

CAT. NO.	SCREW SIZE	DRILL HOLE	QTY/PACK
1319	4 – 5 – 6	3/16" (5 mm)	1000
P1319C	4 – 5 – 6	3/16" (5 mm)	100
1349	8 – 10	1/4" (6 mm)	500
P1349C	8 – 10	1/4" (6 mm)	100

Minimum order: 100 each on packs of 100. 1 pack on Bulk Packs of 500 and 1000. Sizes can be combined for quantity pricing.

CRL Red-Cap® Plastic Anchors

- Not Affected by Moisture or Corrosion
- Use in Concrete, Block, Brick, and Wallboard
- Use With Wood or Sheet Metal Screws



CRL Red-Cap® Anchors have a collar that keeps the Anchor from falling into over-drilled holes or hollow walls, and fins in the body keep it from turning in the hole. A tapered end allows easy insertion. It is not affected by moisture or corrosion.

CAT. NO.	SCREW SIZE	DRILL HOLE	LENGTH
8C	6 – 7 – 8	3/16" (5 mm)	7/8" (22.2 mm)
12C	9 – 10 – 12	1/4" (6 mm)	1" (25.4 mm)
16C	14 – 16	5/16" (8 mm)	1-3/8" (35 mm)

Minimum order: 100 each for 8C and 12C, 50 each for 16C. Must order in increments of 100 and 50. Sizes can be combined for quantity pricing.

CRL Diamond Plastic Anchors

- Use in Concrete, Block, Brick, and Wallboard
- Use With Either Wood or Sheet Metal Screws
- Available in Three Sizes



Use these CRL Diamond Plastic Screw Anchors with either wood or sheet metal screws. Their flat, concentric ribs resist turning and give a greater bearing surface for stronger holding power. An open slot permits inner end compression for easy insertion and expansion.

CAT. NO.	SCREW SIZE	DRILL HOLE	LENGTH
08210	8 – 10	3/16" (5 mm)	7/8" (22.2 mm)
08220	10 – 12	1/4" (6 mm)	1" (25.4 mm)
08230	14 – 16	5/16" (8 mm)	1-3/8" (35 mm)

Minimum order: 100 each. Must order in increments of 100. Sizes can be combined for quantity pricing.

CRL Conical Plastic Anchors

- Made From Extremely Durable Plastic
- Use in Concrete, Block, Brick, and Wallboard
- Use With Wood or Sheet Metal Screws

The wide shoulders will keep them from slipping through the hole. The wide fins will keep them from turning during fastener insertion.



CAT. NO.	SCREW SIZE	DRILL HOLE	LENGTH
CPA316	8 – 10	3/16" (5 mm)	7/8" (22.2 mm)
CPA14	10 – 12	1/4" (6 mm)	1" (25.4 mm)
CPA516	14 – 16	3/16" (8 mm)	1-3/8" (35 mm)

Minimum order: 100 each. Must order in increments of 100. Sizes can be combined for quantity pricing.

Red-Cap is a registered trademark of Thomas & Betts International, Inc.

CRL Plastic Toggle Screw Anchors



CAT. NO. PTA1258
1/2" (12.7 mm)



CAT. NO. PTA5834
5/8" (15.9 mm)

- Easy to Install With Dependable Holding Power

Our CRL Plastic Toggle Anchors are easy to install, and deliver dependable holding power in hollow walls. Two wall thickness sizes are available; use PTA1258 for 1/2" (12.7 mm) thick walls and PTA5834 for 5/8" (15.9 mm) thick walls. Both Anchors require a 5/16" (8 mm) drilled hole, and both work with screw sizes from #6 to #12. Minimum order is 100 each. Must be ordered in increments of 100. Sizes can be combined for quantity pricing.

CRL Hi-Red Plastic Anchors

MORE CHOICES crlaurence.com

- Use in Concrete, Block, Brick, and Stone
- Use With Wood or Sheet Metal Screws
- Superior Design-Won't Slip or Turn in Drilled Hole
- Unaffected By Corrosion, Moisture or Weather



They outperform most anchors, holding screws or nails in any drillable material.

CAT. NO.	SCREW SIZE	DRILL HOLE	LENGTH
HR12X1	8 – 10 – 12	1/4" (6 mm)	1" (25.4 mm)
HR12X112	8 – 10 – 12	1/4" (6 mm)	1-1/2" (38.1 mm)
HR16X1	12 – 14 – 16	5/16" (8 mm)	1" (25.4 mm)
HR16X112	12 – 14 – 16	5/16" (8 mm)	1-1/2" (38.1 mm)

Minimum order: 100 each. Must be ordered in increments of 100. Sizes can be combined for quantity pricing.



CAT. NO. HR12X1



CAT. NO. HR12X112



CAT. NO. HR16X1



CAT. NO. HR16X112

CRL Expanding Plastic Anchors

- Use in Concrete, Block, Brick, and Stone
- Use With Wood or Sheet Metal Screws
- Color Coding by Size
- Eight Different Sizes for Screws From #4 to #16



Screw Sizes: 4-5-6



Screw Sizes: 7-8-9



Screw Sizes: 10-12



Screw Sizes: 14-16

These popular CRL Expanding Plastic Anchors give you tremendous performance in many building materials. Eight different size options give you just the right anchor for fastening versatility, and screw applications from #4 to #16. Their color-coding makes picking the right size easy. Good weatherability and resistance to chemicals give these Anchors lasting durability.

CAT. NO.	SCREW SIZE	DRILL HOLE	LENGTH	COLOR
EXP2002	4 – 5 – 6	3/16" (5 mm)	1" (25.4 mm)	White
EXP2003	7 – 8 – 9	15/64" (6 mm)	1" (25.4 mm)	Red
EXP2005	10 – 12	1/4" (6 mm)	1" (25.4 mm)	Green
EXP2006	10 – 12	1/4" (6 mm)	1-1/4" (31.8 mm)	Green
EXP2007	10 – 12	1/4" (6 mm)	1-1/2" (38.1 mm)	Green
EXP2008	10 – 12	1/4" (6 mm)	2" (50.8 mm)	Green
EXP2009	14 – 16	5/16" (8 mm)	1" (25.4 mm)	Blue
EXP2010	14 – 16	5/16" (8 mm)	1-1/2" (38.1 mm)	Blue

Minimum order: 100 each. Must be ordered in increments of 100. Sizes can be combined for quantity pricing.

CRL Straight Line Plastic Anchors

- For Concrete, Block, Brick, or Stone
- Use With Wood or Sheet Metal Screws



Use our CRL Straight Line Plastic Anchors in almost any drillable material - indoors or outdoors. They were designed to be consistent in size, so they slip easily into a drilled hole for fast installation. The tough plastic material won't split or fray, or turn in the hole during fastener installation. The two popular sizes accommodate screw sizes from #4 to #12.

CAT. NO.	SCREW SIZE	DRILL HOLE	LENGTH	COLOR
CRL10X1	4 – 6	3/16" (5 mm)	1" (25.4 mm)	Blue
CRL12X1	8 – 10 – 12	1/4" (6 mm)	1" (25.4 mm)	Red

Minimum order: 100 each. Must be ordered in increments of 100. Sizes can be combined for quantity pricing.

CRL Hollow Wall Fasteners



Ideal for any hollow type of wall, floor or ceiling construction of wallboard, plywood, concrete block, and more. Once applied, they stay in the wall, even if the screw is removed, reliably bearing the weight over a large surface. Install with Phillips head screwdriver.

CAT. NO.	GRIP RANGE	DRILL HOLE	QTY/BOX
4S	1/8" to 1/2" (3.2 to 12.7 mm)	5/16" (8 mm)	100
4L	5/8" to 7/8" (15.8 to 22.2 mm)	5/16" (8 mm)	100
4XL	1-1/4" to 1-1/2" (31.8 to 38.1 mm)	5/16" (8 mm)	100
6S	1/8" to 5/8" (3.2 to 15.9 mm)	3/8" (10 mm)	50
6L	5/8" to 1-3/16" (15.9 to 30.1 mm)	3/8" (10 mm)	50
8S	1/8" to 5/8" (3.2 to 15.9 mm)	1/2" (12 mm)	50
8L	5/8" to 1-3/16" (15.9 to 30.1 mm)	1/2" (12 mm)	50

Minimum order: 100 each for the #4 Sizes and 50 each for the #6 and #8 Sizes. All sizes and types can be combined for quantity pricing.

CRL SNAPTOGGLE® Toggle Anchors

- Secure Installation in Seconds
- Pre-Installs Without Bolt
- Maximum Strength
- Several Sizes Available

CAT. NO.	BOLT THREAD	DRILL HOLE	GRIP RANGE
TB1024	#10 - 24	1/2" (13 mm)	3/8" - 3-5/8" (9.5 - 92 mm)
TB1420	1/4" - 20	1/2" (13 mm)	3/8" - 3-5/8" (9.5 - 92 mm)
TB51618	5/16" - 18	3/4" (19 mm)	3/8" - 2-1/2" (9.5 - 63.5 mm)
TB3816	3/8" - 16	3/4" (19 mm)	3/8" - 2-1/2" (9.5 - 63.5 mm)
TB1213	1/2" - 13	3/4" (19 mm)	3/8" - 2-1/2" (9.5 - 63.5 mm)

Minimum order: 10 each. Sizes can be combined for quantity pricing.

CRL SNAPTOGGLE® Toggle Anchors pre-install without a bolt and can be installed using a screw gun because the anchor won't spin in the hole. They also allow for bolt or fixture removal without the anchor falling behind the wall. SNAPTOGGLE® can be used in drywall, plaster, cement board, hollow walls of block, brick, stucco, fiberglass, and wood. **NOTE:** Bolts sold separately.

MORE CHOICES crlaurence.com



CAT. NO. TB1024
Accepts #10-24 Bolt



CAT. NO. TB3816
Accepts 3/8"-16 Bolt



CAT. NO. TB1420
Accepts 1/4"-20 Bolt



CAT. NO. TB51618
Accepts 5/16"-18 Bolt

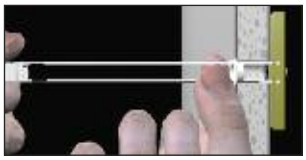


CAT. NO. TB1213
Accepts 1/2"-13 Bolt

INSTALLATION INSTRUCTIONS



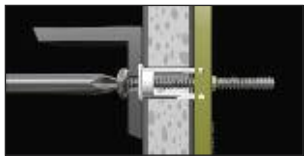
Drill appropriate size hole. Hold metal channel flat alongside plastic straps and slide channel through the hole. Minimum clearance behind wall is only 1-7/8" (48 mm).



Hold ends of straps together between thumb and forefinger and pull toward you until channel rests behind wall. Ratchet cap along straps with other hand until flange of cap is flush with wall.



Place thumb between straps at wall. Push thumb side to side, snapping off straps level with flange of cap.

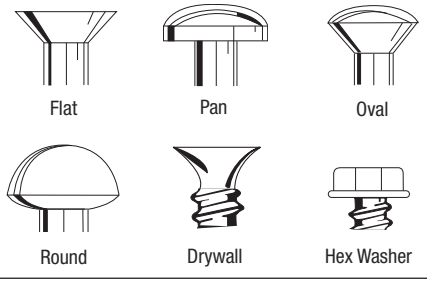


Place item over flange. Insert bolt and tighten until snug against item, then stop. Use machine screw or bolt to match thread in metal channel.

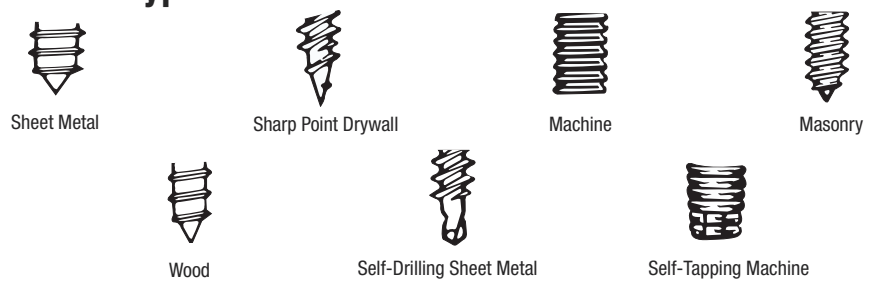
How to Identify Screws

MORE INFORMATION crlaurence.com

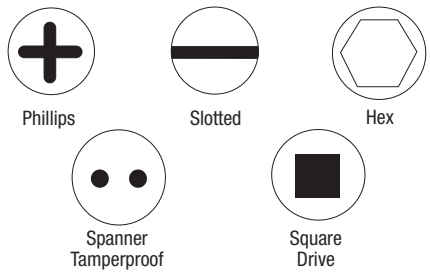
Head Types



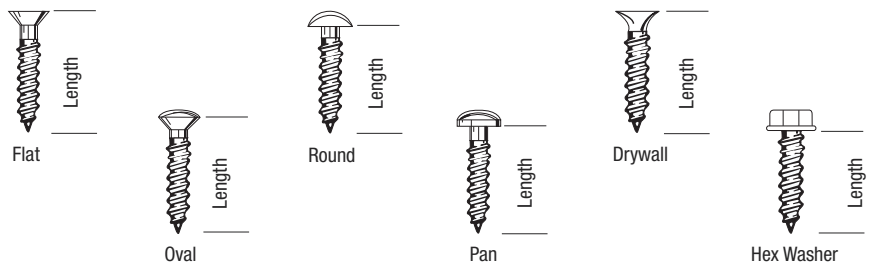
Thread Types



Drive Styles



How to Measure Screw Lengths



SNAPTOGGLE® is a registered trademark of Mechanical Plastics Corp.

CRL Sheet Metal Screws

MORE CHOICES crlaurence.com

- Super Sharp Points
- Bright Zinc Plated
- Easier to Inventory
- Order in Bulk for Additional Savings





Quantities of 100 are packed in resealable plastic tubs. Bulk packages of 1000 are packaged in poly bags. Both feature easy-to-read labels and see-through packaging.

Flat Head Phillips



BRIGHT ZINC PLATED



Flat



Phillips

CAT. NO.	SIZE
AV5646*	4 x 1/4" (6 mm)
AV5647*	4 x 3/8" (10 mm)
AV5648*	4 x 1/2" (13 mm)
AV2736*	6 x 5/16" (8 mm) - 4 Hd.
6X38FHPSMS	6 x 3/8" (10 mm)
6X12FHPSMS	6 x 1/2" (13 mm)
6X12FHP4HDSMS	6 x 1/2" (13 mm) - 4 Hd.
6X58FHPSMS	6 x 5/8" (16 mm)
6X34FHPSMS	6 x 3/4" (19 mm)
6X1FHPSMS	6 x 1" (25 mm)
6X114FHPSMS	6 x 1-1/4" (32 mm)
6X112FHPSMS	6 x 1-1/2" (38 mm)
6X2FHPSMS	6 x 2" (51 mm)
8X38FHPSMS	8 x 3/8" (10 mm)
AV1479*	8 x 7/16" (11 mm) - 6 Hd.
8X12FHPSMS	8 x 1/2" (13 mm)
8X58FHPSMS	8 x 5/8" (16 mm)
AV1712*	8 x 3/4" (19 mm) - 6 Hd.
8X34FHPSMS	8 x 3/4" (19 mm)
8X1FHPSMS	8 x 1" (25 mm)
8X114FHPSMS	8 x 1-1/4" (32 mm)
8X112FHPSMS	8 x 1-1/2" (38 mm)
8X2FHPSMS	8 x 2" (51 mm)
8X212FHPSMS	8 x 2-1/2" (64 mm)
8X3FHPSMS	8 x 3" (76 mm)
10X12FHPSMS	10 x 1/2" (13 mm)
10X12FHPUCSMS	10 x 1/2" (13 mm) Undercut
10X58FHPSMS	10 x 5/8" (16 mm)
10X34FHPSMS	10 x 3/4" (19 mm)
10X34FHPUCSMS	10 x 3/4" (19 mm) Undercut
10X1FHPSMS	10 x 1" (25 mm)
10X114FHPSMS	10 x 1-1/4" (32 mm)
10X112FHPSMS	10 x 1-1/2" (38 mm)
10X2FHPSMS	10 x 2" (51 mm)
10X212FHPSMS	10 x 2-1/2" (64 mm)
10X3FHPSMS	10 x 3" (76 mm)
12X12FHPSMS	12 x 1/2" (13 mm)
12X34FHPSMS	12 x 3/4" (19 mm)
12X1FHPSMS	12 x 1" (25 mm)
12X112FHPSMS	12 x 1-1/2" (38 mm)
12X2FHPSMS	12 x 2" (51 mm)

Minimum order: 100 each. Must order in increments of 100.
*Minimum order: 1 box. All bulk screws can be combined for quantity pricing.

Pan Head Phillips



BRIGHT ZINC PLATED



Pan



Phillips

CAT. NO.	SIZE
AV3071*	4 x 1/4" (6 mm)
AV3072*	4 x 3/8" (10 mm)
AV3073*	4 x 1/2" (13 mm)
D175	5 x 3/4" (19 mm)
6X14PHPSMS	6 x 1/4" (6 mm)
6X38PHPSMS	6 x 3/8" (10 mm)
6X12PHPSMS	6 x 1/2" (13 mm)
6X58PHPSMS	6 x 5/8" (16 mm)
6X34PHPSMS	6 x 3/4" (19 mm)
6X1PHPSMS	6 x 1" (25 mm)
6X114PHPSMS	6 x 1-1/4" (32 mm)
6X112PHPSMS	6 x 1-1/2" (38 mm)
8X38PHPSMS	8 x 3/8" (10 mm)
8X12PHPSMS	8 x 1/2" (13 mm)
8X58PHPSMS	8 x 5/8" (16 mm)
8X34PHPSMS	8 x 3/4" (19 mm)
8X1PHPSMS	8 x 1" (25 mm)
8X114PHPSMS	8 x 1-1/4" (32 mm)
8X112PHPSMS	8 x 1-1/2" (38 mm)
8X2PHPSMS	8 x 2" (51 mm)
8X212PHPSMS	8 x 2-1/2" (64 mm)
8X3PHPSMS	8 x 3" (76 mm)
10X12PHPSMS	10 x 1/2" (13 mm)
10X58PHPSMS	10 x 5/8" (16 mm)
10X34PHPSMS	10 x 3/4" (19 mm)
10X1PHPSMS	10 x 1" (25 mm)
10X114PHPSMS	10 x 1-1/4" (32 mm)
10X112PHPSMS	10 x 1-1/2" (38 mm)
10X2PHPSMS	10 x 2" (51 mm)
10X212PHPSMS	10 x 2-1/2" (64 mm)
10X3PHPSMS	10 x 3" (76 mm)
12X12PHPSMS	12 x 1/2" (13 mm)
12X34PHPSMS	12 x 3/4" (19 mm)
12X1PHPSMS	12 x 1" (25 mm)
12X112PHPSMS	12 x 1-1/2" (38 mm)
12X2PHPSMS	12 x 2" (51 mm)
AV2371*	14 x 2-1/4" (57 mm)

Minimum order: 100 each. Must order in increments of 100.
*Minimum order: 1 box. All bulk screws can be combined for quantity pricing.

Oval Head Phillips



BRIGHT ZINC PLATED



Oval



Phillips

CAT. NO.	SIZE
6X120HPSMS	6 x 1/2" (13 mm)
AV2698 (CHROME)*	6 x 1/2" (13 mm)
6X340HPSMS	6 x 3/4" (19 mm)
6X10HPSMS	6 x 1" (25 mm)
6X1140HPSMS	6 x 1-1/4" (32 mm)
6X1120HPSMS	6 x 1-1/2" (38 mm)
AV3485 (CHROME)*	8 x 3/8" (10 mm)
AV2707 (CHROME)*	8 x 1/2" (13 mm)
AV2710 (CHROME)*	8 x 3/4" (19 mm)
AV2713 (CHROME)*	8 x 1" (25 mm)
AV1423 (CHROME)*	8 x 1-1/4" (32 mm) - 6 Hd.
AV2716 (CHROME)*	8 x 1-1/4" (32 mm)
AV2718 (CHROME)*	8 x 1-1/2" (38 mm)
AV2631*	8 x 1-3/4" (44 mm)
AV2632*	8 x 2" (51 mm) - 6 Hd.
AV2633*	8 x 2" (51 mm)
AV2722 (CHROME)*	10 x 1/2" (13 mm)
AV2666*	10 x 2" (51 mm)

Minimum order: 100 each. Must order in increments of 100.
*Minimum order: 1 box. All bulk screws can be combined for quantity pricing.

Hex Washer Head



BRIGHT ZINC PLATED



Hex Washer



Hex

CAT. NO.	SOCKET SIZE	SIZE
6X38HWSMS	3/16"	6 x 3/8" (10 mm)
6X12HWSMS	3/16"	6 x 1/2" (13 mm)
6X34HWSMS	3/16"	6 x 3/4" (19 mm)
6X1HWSMS	3/16"	6 x 1" (25 mm)

Minimum order: 100 each. Must order in increments of 100.
All bulk screws can be combined for quantity pricing.

CAT. NO.	SOCKET SIZE	SIZE
8X12HWSMS	1/4"	8 x 1/2" (13 mm)
8X34HWSMS	1/4"	8 x 3/4" (19 mm)
8X1HWSMS	1/4"	8 x 1" (25 mm)
8X114HWSMS	1/4"	8 x 1-1/4" (32 mm)
8X112HWSMS	1/4"	8 x 1-1/2" (38 mm)
8X2HWSMS	1/4"	8 x 2" (51 mm)

Minimum order: 100 each. Must order in increments of 100.
All bulk screws can be combined for quantity pricing.

CAT. NO.	SOCKET SIZE	SIZE
10X58HWSMS	5/16"	10 x 5/8" (16 mm)
10X34HWSMS	5/16"	10 x 3/4" (19 mm)
10X1HWSMS	5/16"	10 x 1" (25 mm)
10X114HWSMS	5/16"	10 x 1-1/4" (32 mm)
10X112HWSMS	5/16"	10 x 1-1/2" (38 mm)
10X2HWSMS	5/16"	10 x 2" (51 mm)

Minimum order: 100 each. Must order in increments of 100.
All bulk screws can be combined for quantity pricing.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Self-Drilling Screws

- Cut Their Own Holes in a Variety of Metals
- Speed Manufacturing and Fabricating




Pan


Hex

CRL Self-Drilling Screws combine a drill and screw into a single efficient unit to save time and labor costs. They are designed to drill their own hole, cut or form mating threads, and make a complete fastening in a single operation. Each is precision machined and heat treated under exacting standards to ensure quality performance.

PAN HEAD PHILLIPS

CAT. NO.	SIZE
20061201	6-20 x 3/8" (10 mm)
AV9604*	8-18 x 7/16" (11 mm)
20061601	6-20 x 1/2" (13 mm)
20081601	8-18 x 1/2" (13 mm)
20082401	8-18 x 3/4" (19 mm)
20083201	8-18 x 1" (25 mm)
20084801	8-18 x 1-1/2" (38 mm)
20092004	10-16 x 5/8" (16 mm)
20092404	10-16 x 3/4" (19 mm)
AV9609*	10-16 x 1" (25 mm)

Minimum order: 100 each. Must order in increments of 100. *Minimum order: 1 box. All bulk screws can be combined for quantity pricing.

HEX WASHER HEAD

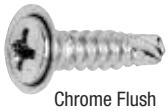
CAT. NO.	SIZE
20081602	8-18 x 1/2" (13 mm)
20082402	8-18 x 3/4" (19 mm)
20083202	8-18 x 1" (25 mm)
20091603	10-16 x 1/2" (13 mm)
20092003	10-16 x 5/8" (16 mm)
20092403	10-16 x 3/4" (19 mm)
20093203	10-16 x 1" (25 mm)
20094003	10-16 x 1-1/4" (32 mm)
20152403	1/4-20 x 3/4" (19 mm)
20153203	1/4-20 x 1" (25 mm)

Minimum order: 100 each. Must order in increments of 100. All bulk screws can be combined for quantity pricing.

CRL Countersunk Self-Drilling Screws With Washers

- Available in Black and Chrome
- Several Lengths Offered


Oval


Chrome Flush


Black Countersunk


Phillips


Self-Drilling

These CRL Oval Head Phillips Self-Drilling Screws come with matching flush or countersunk washers for finish work. They are available in either a chrome plated or black phosphate finish.

CAT. NO.	SCREW SIZE	FINISH/WASHER TYPE	QTY/BOX
AV11448	8 x 5/8" (16 mm)	Chrome Flush Countersunk	100
CP052300	8 x 5/8" (16 mm)	Chrome Countersunk	50
AV11450	8 x 3/4" (19 mm)	Chrome Countersunk	100
AV11451	8 x 1" (25 mm)	Chrome Countersunk	50
AV11452	8 x 1-1/4" (32 mm)	Chrome Countersunk	50
AV11453	8 x 5/8" (16 mm)	Black Flush Countersunk	100
AV11454	8 x 5/8" (16 mm)	Black Countersunk	100
AV11455	8 x 3/4" (19 mm)	Black Countersunk	100
AV11456	8 x 1" (25 mm)	Black Countersunk	50
AV11457	8 x 1-1/4" (32 mm)	Black Countersunk	50

Minimum order: 1 box. Sizes can be combined for quantity pricing.

CRL Wood Framing Screws




Flat


Phillips


Wood

- Super Sharp Points
- Bright Zinc Plated Finish
- Flat Head Phillips

CRL Wood Framing Screws are preferred by fabricators for attaching storefront tubing to substrates. Their extra long length assures a dependable grip when installed properly, and the bright zinc plating helps to prevent corrosion. Three popular sizes in a variety of lengths provide a good selection. Quantities of 100 are packed in plastic resealable tubs, and bulk packages of 1000 are packaged in poly bags.



CAT. NO.	SIZE
D150	8 x 1" (25 mm)
10X312FHPWS	10 x 3-1/2" (89 mm)
12X212FHPWS	12 x 2-1/2" (64 mm)
12X3FHPWS	12 x 3" (76 mm)
12X312FHPWS	12 x 3-1/2" (89 mm)
12X4FHPWS	12 x 4" (102 mm)
14X3FHPWS	14 x 3" (76 mm)
14X312FHPWS	14 x 3-1/2" (89 mm)
14X4FHPWS	14 x 4" (102 mm)
14X412FHPWS	14 x 4-1/2" (114 mm)

Minimum order: 100 each. Must order in increments of 100.
Sizes can be combined for quantity pricing.

CRL Tapped Head Wood Screws

MORE CHOICES crlaurence.com

- For Mirror Installations Using Threaded Rosettes or Buds
- 3-48 Machine Thread
- Installs With Slotted Screwdriver
- Four Lengths Available


Perfect for Cat. No. 50 Mirror Rosettes




Flat


Tapped and Slotted


Wood

CAT. NO.	SIZE
TH34	8 x 3/4" (19 mm)
TH35	8 x 1" (25 mm)
TH36	8 x 1-1/4" (32 mm)
TH37	8 x 1-1/2" (38 mm)

Minimum order: 100 each. Must order in increments of 100.
Sizes can be combined for quantity pricing.

CRL Tapped Head Wood Screws are tapped with a 3-48 machine thread hole to accept CRL Clear Plastic Buds and Threaded Shank Rosettes (see page GG018). Protect the drilled holes in the mirror by using Cat. No. 1414 Vinyl Protective Sleeves (see page GG018). Screws can be installed with a slotted screwdriver.

CRL Machine Screws

MORE CHOICES crlaurence.com


FLAT HEAD


Flat


Phillips


Machine

CAT. NO.	SIZE
632X12FMS	6-32 x 1/2" (13 mm)
632X34FMS	6-32 x 3/4" (19 mm)
632X1FMS	6-32 x 1" (25 mm)
632X112FMS	6-32 x 1-1/2" (38 mm)
832X12FMS	8-32 x 1/2" (13 mm)
832X34FMS	8-32 x 3/4" (19 mm)

Minimum order: 100 each. Must be ordered in increments of 100. Sizes can be combined for quantity pricing.

CAT. NO.	SIZE
832X1FMS	8-32 x 1" (25 mm)
832X112FMS	8-32 x 1-1/2" (38 mm)
1024X14FSS	S.S. 10-24 x 1/4" (6 mm)
1024X516FSS	S.S. 10-24 x 5/16" (8 mm)
1024X58FMS	10-24 x 5/8" (16 mm)
1224X12FMS	12-24 x 1/2" (13 mm)

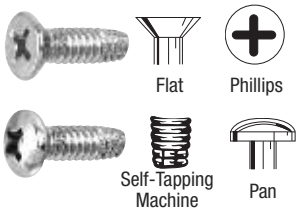
Minimum order: 100 each. Must be ordered in increments of 100. Sizes can be combined for quantity pricing.

CAT. NO.	SIZE
1224X112FMS	12-24 x 1-1/2" (38 mm)
1420X34FMS	1/4-20 x 3/4" (19 mm)
1420X1FMS	1/4-20 x 1" (25 mm)
1420X112FMS	1/4-20 x 1-1/2" (38 mm)
1420X2FMS	1/4-20 x 2" (51 mm)

Minimum order: 100 each. Must be ordered in increments of 100. Sizes can be combined for quantity pricing.

CRL Self-Tapping Machine Screws

CRL Self-Tapping Machine Screws have special cross-cuts which allow them to tap their own threads in metal. They attach thin materials to substrates with pre-drilled holes.



CAT. NO.	HEAD	SIZE
F1024X58STMS	Flat	10-24 x 5/8" (16 mm)
1024X58PHPTS	Pan	10-24 x 5/8" (16 mm)
1024X34PHPTS	Pan	10-24 x 3/4" (19 mm)
1024X114PHPTS	Pan	10-24 x 1-1/4" (32 mm)
1024X158PHPTS	Pan	10-24 x 1-5/8" (41 mm)
1032X34FHPSS	Flat	10-32 x 3/4" (19 mm)

Minimum order: 100 each. Must be ordered in increments of 100. Sizes can be combined for quantity pricing.

CRL Mirror Plate Screws




Oval


Slotted


Machine

CAT. NO. 632X120HS

Oval Head Screw, 6-32 x 1/2" (13 mm)
Minimum order is 10 each

CRL Nuts

- Hex, Tee, Nylock, and Acorn Type
- Stainless, Zinc, and Nickel Finishes

HEX NUTS

CAT. NO.	FINISH	SIZE
N832*	Zinc	8-32
HN1024S	Stainless	10-24
N1420*	Zinc	1/4"-20
HN1420S	Stainless	1/4"-20
HN1420Z	Zinc	1/4"-20
HN51618S	Stainless	5/16"-18
HN51618Z	Zinc	5/16"-18
HN3816S	Stainless	3/8"-16
HN3816Z	Zinc	3/8"-16

Minimum order: 10 each. *Minimum order: 100 each.

TEE NUTS

CAT. NO.	FINISH	SIZE
TN1024Z	Zinc	10-24
TN1420Z	Zinc	1/4"-20
TN51618Z	Zinc	5/16"-18
TN3816Z	Zinc	3/8"-16

Minimum order: 10 each.

ACORN NUTS

CAT. NO.	FINISH	SIZE
ACN1420	Nickel	1/4"-20
ACN51618	Nickel	5/16"-18
ACN3816S	Stainless	3/8"-16
ACN3816Z	Zinc	3/8"-16

Minimum order: 10 each.


Hex Nut | Tee Nut | Acorn Nut | Nylock Hex Nut

NYLOCK HEX NUTS

CAT. NO.	FINISH	SIZE
NLN1024S	Stainless	10-24
NLN1420S	Stainless	1/4"-20
NLN1420Z	Zinc	1/4"-20
NLN51618S	Stainless	5/16"-18
NLN51618Z	Zinc	5/16"-18
NLN3816S	Stainless	3/8"-16
NLN3816Z	Zinc	3/8"-16

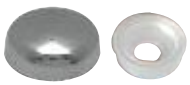
Minimum order: 10 each.

CRL Snap Cap Screw Covers

- Hide Screw Heads, Rivets, and Nails




Countersunk Type for Countersunk Screws




Flat Type for Pan Head Screws, Rivets or Nails





CRL Snap Caps are designed for protecting, decorating, and concealing screws and other fasteners. There are two types available: Countersunk for countersunk screws, and Flat for pan head screws, rivets, and nails. Snap Caps are used in the RV, boat, appliance, furniture, and construction industries. They can also be used to finish off just about any fastening job. Packed 100 Washers and Caps per box. Other colors are available on special order by contacting CRL Technical Sales.

COUNTERSUNK TYPE COVERS

CHROME CAT. NO.	WHITE CAT. NO.	BLACK CAT. NO.	FASTENER SIZE/TYPE
SC80C50	SC81C50	SC82C50	6-8 Screws; 1/8"-5/32" Rivets
SC90C40	SC91C40	SC92C40	10-12-1/4" Screws; 3/16"-1/4" Rivets

Minimum order: 100 each. All Snap Caps can be combined for quantity pricing.

FLAT TYPE COVERS

CHROME CAT. NO.	WHITE CAT. NO.	BLACK CAT. NO.	FASTENER SIZE/TYPE
SC80F50	SC81F50	SC82F50	6-8 Screws; 1/8"-5/32" Rivets
SC90F40	SC91F40	SC92F40	10-12-1/4" Screws; 3/16"-1/4" Rivets

Minimum order: 100 each. All Snap Caps can be combined for quantity pricing.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Metal Flat Washers

- Available in Zinc and Stainless Steel
- For Shimming, Bolt, and Rivet Support



CAT. NO. AV2333



CAT. NO. FW14S



CAT. NO. AV2227

CAT. NO.	SCREW SIZE	DIAMETER	FINISH	QTY/PKG
AV2007*	3/16"	1/2" (13 mm)	Zinc	100
AV2008*	1/4"	5/8" (16 mm)	Zinc	100
AV2333*	1/4"	1-1/4" (32 mm)	Zinc	100
AV1376*	5/16"	3/4" (19 mm)	Zinc	100
AV2227*	3/8"	1-1/2" (38 mm)	Zinc	100
FW10SΔ	#10	7/16" (11 mm)	Stainless	10
FW14SΔ	1/4"	11/16" (17 mm)	Stainless	10
FW14ZΔ	1/4"	11/16" (17 mm)	Zinc	10
FW516SΔ	5/16"	3/4" (19 mm)	Stainless	10
FW516ZΔ	5/16"	3/4" (19 mm)	Zinc	10
FW38SΔ	3/8"	7/8" (22 mm)	Stainless	10
FW38ZΔ	3/8"	7/8" (22 mm)	Zinc	10

*Minimum order: 1 box. ΔMinimum order: 10 each. Must be ordered in increments of 10.

CRL Plastic Flat Washers

- Provides Protection to Glass Surface
- Several Sizes Available



CAT. NO. SW114S



CAT. NO. SW114L



CAT. NO. SW012S

MORE CHOICES crlaurence.com

CAT. NO.	SCREW SIZE	DIAMETER	QTY/PKG
SW012S	#8	1/2" (13 mm)	10
SW012L	1/4"	1/2" (13 mm)	10
HW058	1/4"	3/4" (19 mm)	10
SBP1PW	5/16"	1" (25 mm)	10
DH114GASK	#10	1-1/8" (29 mm)	10
SW1S	1/4"	1" (25 mm)	10
SW114S	1/4"	1-1/4" (32 mm)	10
SW114L	3/8"	1-1/4" (32 mm)	10
SW2S	1/4"	2" (51 mm)	10

Minimum order: 10 each. Must be ordered in increments of 10. Sizes can be combined for quantity pricing.

CRL Felt Washers

- For Use Behind Metal Mirror Rosettes to Protect Glass
- Black Color for Low Visibility



CAT. NO. 7334



CAT. NO. 7358

See page GG017 for Metal Rosettes.

CAT. NO.	SCREW SIZE	DIAMETER	QTY/PKG
7358	#6	5/8" (16 mm)	100
7334	#6	3/4" (19 mm)	100

Minimum order: 100 each. Sizes can be combined for quantity pricing.

CRL Lock Washers

- Spring Lock Type Available in Zinc and Stainless Steel
- Won't Loosen Under Shock or Vibration



Zinc



Stainless

CAT. NO.	SCREW SIZE	DIAMETER	FINISH	QTY/PKG
LW10S	#10	7/16" (11 mm)	Stainless	10
LW14S	1/4"	1/2" (13 mm)	Stainless	10
LW14Z	1/4"	1/2" (13 mm)	Zinc	10
LW516S	5/16"	9/16" (14 mm)	Stainless	10
LW516Z	5/16"	9/16" (14 mm)	Zinc	10
LW38S	3/8"	11/16" (17 mm)	Stainless	10
LW38Z	3/8"	11/16" (17 mm)	Zinc	10

Minimum order: 10 each. Must be ordered in increments of 10.

CRL Premium Industrial Blind Rivets

- CRL Has One of the Largest Selections of Blind Rivets in the Industry
- Money-Saving Factory Cases
- Also Available in Packs of 1,000 Online



Ordering Information

All Blind Rivets are shipped in standard cases. Quantities per standard cases vary depending on the size of the Rivet. The Catalog Number is used to specify the type and size of Rivet. This simple key assures you that the Rivets you order will meet your specifications for material type, head type, rivet diameter, and grip range.

MORE INFORMATION crlaurence.com

Example: Cat. No. ABA44L

FIRST LETTER: Body Material

A = Aluminum
F = Stainless Steel
S = Steel

SECOND LETTER: Head Style

B = Domed Head
C = Countersunk Head

THIRD LETTER: Mandrel Material

A = Aluminum
F = Stainless Steel
S = Steel

FIRST DIGIT: Rivet Diameter In 32nds Of An Inch

4 = 1/8"
5 = 5/32"
6 = 3/16"

SECOND DIGIT: Grip Range In 16ths Of An Inch

1 = 1/32" - 1/16"
2 = 1/16" - 1/8"
3 = 1/8" - 3/16"
4 = 3/16" - 1/4"
5 = 1/4" - 5/16"
6 = 5/16" - 3/8"
8 = 3/8" - 1/2"
10 = 1/2" - 5/8"
12 = 5/8" - 3/4"

LAST LETTER (If Any) L = Large Flange Type Head



Rivet Sleeve

Begin with the one piece, all metal tubular sleeve with flared end.



Rivet Mandrel

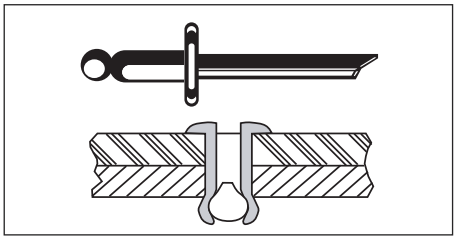
Add the solid, all metal mandrel, crimped near the head.



Complete Rivet

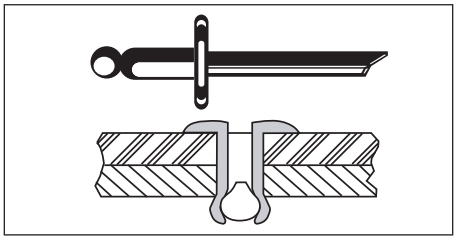
The assembly of the sleeve and mandrel result in the finished Blind Rivet.

Domed Head Rivets



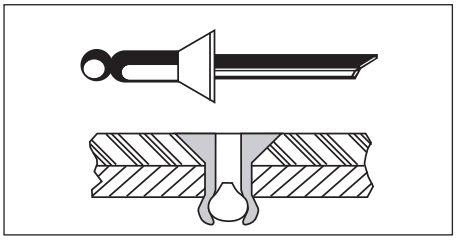
The Domed Head Rivet is the most commonly used style. With twice the diameter of the rivet body, the dome head has enough bearing surface to retain all but extremely soft or brittle materials.

Large Flange Rivets



Large Flange Rivets have twice the underhead bearing surface of comparable Dome Head Rivets. This makes them ideal for applications where soft or brittle materials are joined to a rigid backing.

Countersunk Head Rivets



Countersunk Rivets are used where a flush surface is desired. To drill a proper hole for Countersunk Rivets, use our Cat. No. D120 Rivet Drill (shown below).



Grip Range



The grip range is the effective capacity of the Rivet to fasten materials together. All Rivet bodies are longer than their grip range to allow for tip expansion.

Rivet Diameter



Relative strength capacity of the Rivet against shear or tensile strength forces is dictated by the diameter (size) of the Rivet.

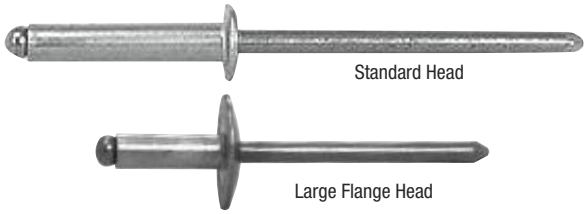
TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Premium Industrial Blind Rivets in Cases

MORE CHOICES crlaurence.com

- Full Factory Cases Cut Your Costs
- Available in All Aluminum, Aluminum/Steel, All Steel, and All Stainless Steel
- Standard and Large Flange Head Styles



Easy Installation Steps



1. Insert rivet mandrel in rivet setting tool.



2. Using tool as a guide, insert rivet into prepared hole.



3. The tool grips the mandrel and exerts a strong pull, forcing the head of the mandrel into the rivet's hollow core. The protruding tail portion of the rivet expands, forming the counterhead.



4. At maximum pull, the mandrel breaks (at the pre-crimped section) and is withdrawn. The mandrel head remains locked in the rivet, closing the rivet bore.

CRL Premium Industrial Blind Rivets feature a low profile head with minimum back-up space; join thin gauge or dissimilar materials; are vibration-proof - won't back out or shake loose; provide positive fastening of painted or finished components without possibility of surface marring; conform to Industrial Fasteners Institute and appropriate Government Standards and Specifications. Add to these advantages their ease of use, and you may begin to realize how using CRL Blind Rivets could benefit your profit picture.

CRL Blind Rivets in Cases are standard pack quantities as supplied from the factory. To find the proper catalog number, check the diameter and grip range columns in the chart below. Once you have found the required range and diameter for the Rivet you need, then select the Catalog Number under the column heading showing the Rivet and mandrel type specified for your application or use.

For our complete line of CRL Premium Industrial Blind Rivets, including convenient packs of 1,000, go to **crlaurence.com/rivets**.

RIVET: ALUMINUM MANDREL: ALUMINUM CAT. NO.	RIVET: ALUMINUM MANDREL: COATED STEEL CAT. NO.	RIVET: PLATED STEEL MANDREL: COATED STEEL CAT. NO.	RIVET: STAINLESS STEEL MANDREL: STAINLESS STEEL CAT. NO.	DIAMETER	RIVET GRIP RANGE FRACTIONAL	RIVET GRIP RANGE METRIC	HOLE SIZE AND DRILL NO.	QTY/CASE
ABA41	-	-	-	1/8" (3.2 mm)	1/32"-1/16"	(.8-1.6 mm)	.129 -.133, #30	10000
ABA42	ABS42	SBS42	FBF42	1/8" (3.2 mm)	1/16"-1/8"	(1.6-3.2 mm)	.129 -.133, #30	10000
ABA43	ABS43	SBS43	FBF43	1/8" (3.2 mm)	1/8"-3/16"	(3.2-4.8 mm)	.129 -.133, #30	10000
ABA44	ABS44	SBS44	FBF44	1/8" (3.2 mm)	3/16"-1/4"	(4.8-6.3 mm)	.129 -.133, #30	10000
ABA45	ABS45	SBS45	-	1/8" (3.2 mm)	1/4"-5/16"	(6.3-7.9 mm)	.129 -.133, #30	10000
ABA46	ABS46	SBS46	-	1/8" (3.2 mm)	5/16"-3/8"	(7.9-9.5 mm)	.129 -.133, #30	10000
ABA48	ABS48	-	-	1/8" (3.2 mm)	3/8"-1/2"	(9.5-12.7 mm)	.129 -.133, #30	10000
-	ABS42L Δ	SBS42L Δ	FBF42L Δ	1/8" (3.2 mm)	1/32"-1/8"	(.8-3.2 mm)	.129 -.133, #30	10000
ABA43L Δ	-	-	-	1/8" (3.2 mm)	1/8"-3/16"	(3.2-4.8 mm)	.129 -.133, #30	10000
ABA44L Δ	ABS44L Δ	-	-	1/8" (3.2 mm)	3/16"-1/4"	(4.8-6.3 mm)	.129 -.133, #30	10000
ACA43	-	-	-	1/8" (3.2 mm)	1/8"-3/16"	(3.2-4.8 mm)	.129 -.133, #30	10000
ABA52	-	-	-	5/32" (4 mm)	1/16"-1/8"	(1.6-3.2 mm)	.160 -.164, #20	8000
ABA54	-	-	-	5/32" (4 mm)	3/16"-1/4"	(4.8-6.3 mm)	.160 -.164, #20	8000
ABA56	-	-	FBF56	5/32" (4 mm)	1/4"-3/8"	(6.3-9.5 mm)	.160 -.164, #20	6000
ABA58	-	-	-	5/32" (4 mm)	3/8"-1/2"	(9.5-12.7 mm)	.129 -.133, #30	6000
ABA62	ABS62	-	-	3/16" (4.8 mm)	1/32"-1/8"	(.8-3.2 mm)	.192 -.196, #11	5000
ABA64	ABS64	SBS64	FBF64	3/16" (4.8 mm)	1/8"-1/4"	(3.2-6.3 mm)	.192 -.196, #11	5000
ABA66	ABS66	SBS66	-	3/16" (4.8 mm)	1/4"-3/8"	(6.3-9.5 mm)	.192 -.196, #11	5000
ABA68	ABS68	SBS68	-	3/16" (4.8 mm)	3/8"-1/2"	(9.5-12.7 mm)	.192 -.196, #11	4000
ABA610	-	-	-	3/16" (4.8 mm)	1/2"-5/8"	(12.7-15.9 mm)	.192 -.196, #11	4000
ABA612	ABS612	-	-	3/16" (4.8 mm)	5/8"-3/4"	(15.9-19 mm)	.192 -.196, #11	4000
ABA64L Δ	-	-	FBF64LΔ	3/16" (4.8 mm)	1/16"-1/4"	(1.6-6.3 mm)	.192 -.196, #11	3000
ABA66L Δ	ABS66L Δ	-	-	3/16" (4.8 mm)	1/4"-3/8"	(6.3-9.5 mm)	.192 -.196, #11	3000
ABA68L Δ	-	-	-	3/16" (4.8 mm)	3/8"-1/2"	(9.5-12.7 mm)	.192 -.196, #11	3000
ABA610L Δ	ABS610L Δ	-	-	3/16" (4.8 mm)	1/2"-5/8"	(12.7-15.9 mm)	.192 -.196, #11	2000
ABA612L Δ	ABS612L Δ	-	-	3/16" (4.8 mm)	5/8"-3/4"	(15.9-19 mm)	.192 -.196, #11	2000

Δ= Large Flange Rivets. All others have conventional domed heads.

Minimum order: 1 case. All cases of Rivets can be combined for quantity pricing.

CRL Rivet-Nut Kit

MORE CHOICES crlaurence.com

- Saves You Time, Labor, and Expense
- Can Blind Fasten in Virtually Any Material

Threaded Rivet-Nuts and Rivet Inserts provide a cost-effective method of placing permanent threads in thin materials. Installed from one side, these fasteners are perfect for use in metal, fiberglass, and rigid plastic. The special 39300 CRL Rivet-Nut Setter™ Installation Tool installs vibration-proof, compression fit threaded inserts with a nearly flush head, ready to accept machine bolts and screws in thread sizes from #6-32 to 3/8"-16.

Each Kit contains one 39300 Rivet-Nut Setter™ Tool with mandrels and nosepieces for 6-32, 8-32, 10-24, and 1/4"-20 thread sizes. Also included are 103 assorted Flat Head Rivet-Nuts, Klik® Poly-Nuts, instructions, a Nosepiece Wrench, and a plastic Carrying Case. Tool, Mandrels, Nosepieces, and Fasteners are also available separately (see below). Minimum order is one each.



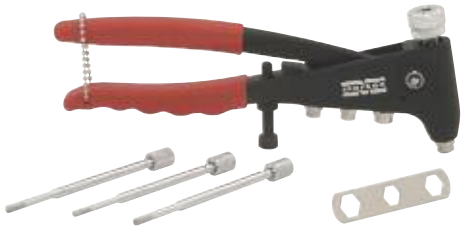
CAT. NO. M39301

COMPLETE KIT INCLUDES:

1 Each 39300 Rivet-Nut Setter™; 1 each 6-32 Mandrel; 1 each 6-32 Nosepiece; 1 each 8-32 Mandrel; 1 each 8-32 Nosepiece; 1 each 10-24 Mandrel; 1 each 10-24 Nosepiece; 1 each 1/4"-20 Mandrel; 1 each 1/4"-20 Nosepiece; 25 each 6-32 Aluminum Rivet-Nuts; 25 each 8-32 Steel Klik® Poly-Nuts; 25 each 10-24 Steel Rivet Nuts; 20 each 1/4"-20 Aluminum Rivet-Nuts; 8 each 1/4"-20 Steel Poly-Nut; 1 each Nosepiece Wrench; 1 each Plastic Carrying Case.

CRL Rivet-Nut Setter™ RN-1 Tool

- Installs: Rivet-Nuts, Klik® Poly-Nuts, and Thread-Serts
- Includes: Three Mandrels: 8-32, 10-24, and 10-32
- Includes: Two Nosepieces: #8 and #10



CAT. NO. 39300

This quality CRL Rivet-Nut Setter™ RN-1 Tool features a patented fulcrum design and comfortable, vinyl coated, oversize hand grips. This tool installs all fractional and metric sizes of Rivet-Nuts, Klik® Poly-Nuts, and Klik® Thread-Serts into steel, aluminum, fiberglass, and rigid plastic.

The upper handle is made from forged steel; the body is precision cast aluminum alloy; the mandrels and nosepieces are made from hardened steel. This newly redesigned Rivet-Nut Setter™ RN-1 has an adjustable stroke bolt to provide consistent nut and insert compression during installation.

This tool includes three mandrels and four nosepieces, a nosepiece wrench, and comes in a heavy-duty vinyl storage pouch.

CAT. NO.	SIZE	DESCRIPTION
39300		Rivet-Nut Setter™
M39354	6-32	Replacement Mandrel for 39300
M39355	8-32	Replacement Mandrel for 39300
M39356	10-24	Replacement Mandrel for 39300
M39357	10-32	Replacement Mandrel for 39300
M39358	1/4"-20	Replacement Mandrel for 39300
M39359	5/16"-18	Replacement Mandrel for 39300
M39360	3/8"-16	Replacement Mandrel for 39300
M39361	6-32	Replacement Nosepiece for 39300
M39362	8-32	Replacement Nosepiece for 39300
M39363	10-24 & 10-32	Replacement Nosepiece for 39300
M39379	1/4"-20	Replacement Nosepiece for 39300

Minimum order: 1 each. Replacement pieces are not compatible with all older models. Please contact CRL Technical Sales.

CRL Aluminum Threaded Klik® Poly-Nuts

- Provide Permanent Threads in Thin Materials Down to .010" or .020" (.25 or .51 mm)



CRL Aluminum Threaded Klik® Poly-Nuts are designed to provide a very efficient and cost-effective method of placing permanent threads in materials as thin as .010" or .020" (.25 or .51 mm). Perfect for use in metal, fiberglass, and rigid plastic previously too thin for tapped threads. Provide a vibration-proof, nearly flush installation with an excellent fit to application materials. Accept machine bolts and screws in thread sizes from 6-32 to 3/8"-16. Installation is made easy with the Cat. No. 39300 Rivet-Nut Setter™ Installation Tool.

CAT. NO.	SIZE	QTY/PKG
131VB	6-32	100
132VB	8-32	100
133VB	10-32	100
134VB	10-24	100
135VB	1/4"-20	50
322VB	5/16"-18	25
323VB	3/8"-16	25

Minimum order: 1 pack.

Klik is a registered trademark of Huck Patents, Inc.

CRL Aluminum Klik® Thread-Serts

- Unlimited Grip Range From 3/32" (2.4 mm) and Up



CRL Aluminum Klik® Thread-Serts can be used with sheet metal, plastic, castings, fiberglass or rigid material. One size fits all grip ranges from 3/32" (2.4 mm) to infinity. No special preparation is needed. A drilled or punched hole is all that is required. The threaded, mechanical hold prevents the fastener from twisting, vibrating loose or falling out. Thread-Serts install almost flush with the application surface. Installation is made easy with Cat. No. 39300 Rivet-Nut Setter™.

CAT. NO.	SIZE	QTY/PKG
136VB	6-32	100
137VB	8-32	100
138VB	10-32	100
139VB	10-24	100
140VB	1/4"-20	50
141VB	5/16"-18	25
142VB	3/8"-16	25

Minimum order: 1 pack.

CRL A-T Series Steel Insert Fasteners

- **Blind Installation (Installs From One Side of Work) for Light to Medium Duty Fastening**
- **The Unique Method of Installing Load Threads in Virtually Any Material: Aluminum, Magnesium, Steel, Cast Iron, Plastics, Fiberglass, or Hardboard**
- **Reduces Inventory Because One Insert Works in Any Thickness Above .030" (.76 mm)**
- **Vibration Proof**

MORE CHOICES crlaurence.com





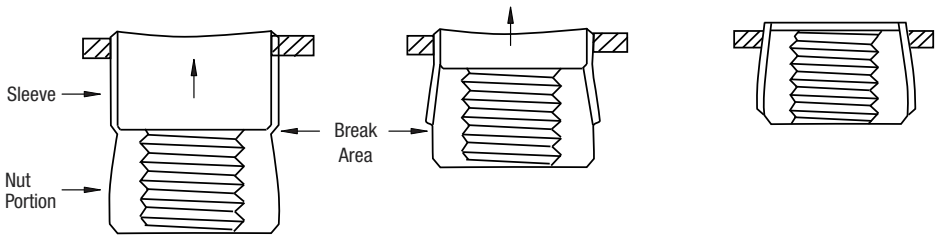
A-T Series Steel Insert Fastener installed in Square Tubing



Features:

- Wear resistant threads due to unique mechanical properties of installation
- No special skills are required – installation can be learned in minutes
- Ideal for high-speed production. Can be installed at rates up to 500 pieces per hour
- Steel Insert Fasteners self-tighten with repeated use
- Use in standard drilled or punched holes
- No deburring necessary
- Can be installed at any point of the assembly operation with portable tools
- Can be installed after painting or plating
- Metric and other sizes, aluminum, brass or stainless steel available on special order

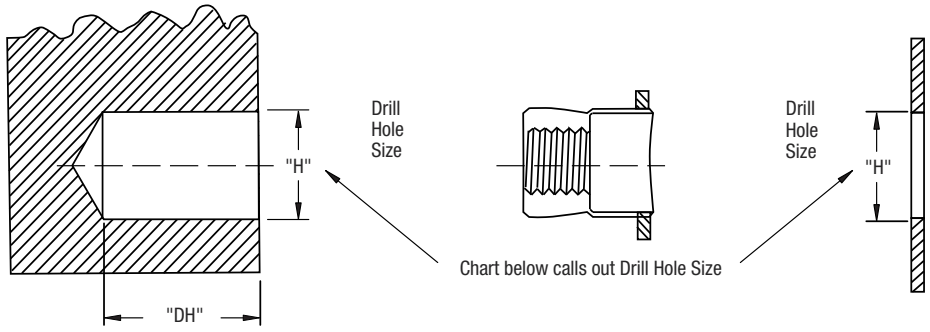
A-T Series Steel Insert Fastener Installation



A-T Series Insert Fasteners are a one-piece design consisting of a nut portion and a sleeve portion.

A rotating tool mandrel exerts a pull and "breaks" the nut portion from the sleeve, drawing it into the sleeve.

The nut portion expands the sleeve, exerting a 360 degree swage fit against the parent material.



Minimum Hole Depth

Chart below calls out Drill Hole Size

CRL A-T Series Steel Insert Fasteners can be used in light and medium duty fastening applications. They can be installed into thinner materials with greater ease than can be accomplished with weld nuts, pierce nuts, clinch nuts, thread tapping, and thread forming screws. They are "non-grip sensitive", one Steel Insert Fastener part number per thread size accommodates any grip over .030" (.76 mm), eliminating the need for various grip ranges.

The unique feature of CRL A-T Series Steel Insert Fasteners is the axial knurl under the flange of the insert. The expansion of the sleeve causes the knurl to bite into the parent material, providing greater torque resistance. Use CRL A-T Series Steel Insert Fasteners to improve your product and speed up production. They're ideal for high-speed installations, as well as low volume applications using manual tools.

CAT. NO.	THREAD SIZE	QTY/BOX	"DH" MIN. HOLE DEPTH	"H" - MATCH METAL THICKNESS BELOW AND USE DRILL SIZE LISTED .030-.090	.091-.124	.125-.186	.187-OVER
ATS2440	#4 (.112) – 40	100	.390 (9.9 mm)	3/16"	#10	#10	#9
ATS2632	#6 (.138) – 32	100	.390 (9.9 mm)	7/32"	#2	#1	#1
ATS2832	#8 (.164) – 32	100	.390 (9.9 mm)	1/4"	1/4"	17/64"	17/64"
ATS21032	#10 (.190) – 32	100	.390 (9.9 mm)	9/32"	19/64"	19/64"	19/64"
ATS2420	1/4" (.250) – 20	100	.535 (13.6 mm)	3/8"	3/8"	25/64"	25/64"
ATS2518	5/16" (.312) – 18	100	.635 (16.1 mm)	1/2"	1/2"	33/64"	33/64"

Minimum order: 100 each. Must be ordered in increments of 100. Sizes can be combined for quantity pricing.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL A-T Series Master Assortment Kit

• A Complete Kit With Six Sizes of Steel Insert Fasteners, Deluxe Hi-Torquer Hand Tool, and Adapter Heads





Use the CRL A-T Series Master Assortment Kit to install load bearing threads in virtually any material. It is ideal for production and maintenance repair applications.

The Kit contains: one AA112 A-T Series Deluxe Hi-Torquer Hand Tool, 50 each of six different sizes of A-T Series Steel Insert Fasteners, and one Conversion Kit for each thread size with complete installation instructions.

All of this comes in a rugged polyethylene case ready for use under the harshest of conditions, in the plant or in the field.

CAT. NO.	DESCRIPTION
AAT312A	A-T Series Master Assortment Kit

Minimum order: 1 each.

COMPLETE KIT INCLUDES:
50 each of these A-T Series Steel Insert Fasteners:

ATS2440 #4-40
ATS2632 #6-32
ATS2832 #8-32
ATS21032 #10-32
ATS2420 1/4"-20
ATS2518 5/16"-18

One AA112 Hi-Torquer Hand Tool.

One of each of these A-T Series Conversion Adapters:

AAT202440 #4-40
AAT202632 #6-32
AAT202832 #8-32
AAT2021032 #10-32
AAT202420 1/4"-20
AAT202518 5/16"-18

CRL A-T Series Deluxe Hi-Torquer Hand Tool

• Can Be Used to Set All Sizes of A-T Series Steel Insert Fasteners

Installation:

- Thread insert fully onto mandrel.
- Place into hole.
- Hold grip bar while turning the "T" handle clockwise until insert is installed.
- Turn "T" handle counter-clockwise to remove from insert.



CAT. NO. AA112

The CRL A-T Series Deluxe Hi-Torquer Hand Tool is used to set all sizes of A-T Series Steel Insert Fasteners simply by using the appropriate Adapter to change from one thread size to another.

The Tool features a patented Quick Change thread size nose assembly. There is a recess to accept a 1/4" (6.3 mm) socket drive. **NOTE:** Be sure to order an Adapter Kit for each Insert Fastener size you plan to use. Minimum order is one each.

CRL A-T Series Adapters for Hand Tool

• Order One for Each Steel Insert Fastener Size You Use

MORE INFORMATION crlaurence.com







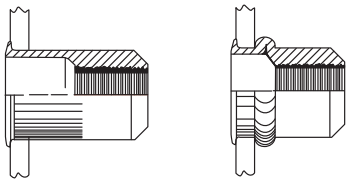
Hand Tool Sold Separately (See Above)

Use these CRL A-T Series Adapters to set all sizes of A-T Series Steel Insert Fasteners with Cat. No. AA112 Hand Tool (see above). They feature quick and easy conversions from one thread size to another.

CAT. NO.	FITS THREAD SIZE
AAT202440	#4-40
AAT202632	#6-32
AAT202832	#8-32
AAT2021032	#10-32
AAT202420	1/4"-20
AAT202518	5/16"-18

Minimum order: 1 each.

How Rivet-Nuts Work



Inserted Compressed

CRL Rivet-Nuts enable you to fasten Glass Clamps, Clips or any other fastener requiring threads into a hollow metal round post or square tube which may be too thin for tapped threads. After installation, CRL Rivet-Nuts provide a permanent, captive thread that resists high loads, and will not rotate when a screw or bolt is inserted. No special preparation aside from a drilled or punched hole is required. Installation is made easy with the CRL Cat. No. 34604 Heavy-Duty Threaded Insert Tool shown below. The appropriate sized Mandrel is required to set each Rivet-Nut size.



First, drill the appropriate size hole for the Rivet-Nut into your round post or square tube



Second, insert the Rivet-Nut into your round post or square tube until the collar on the Rivet-Nut is against the post or tube wall



Third, compress the Rivet-Nut by using the CRL Cat. No. 34604 Heavy-Duty Threaded Insert Tool



Lastly, insert the screw or bolt into the Rivet-Nut and tighten

CRL Rivet-Nuts and Stainless Steel Socket Head Cap Bolts

CRL Rivet-Nuts can be used to secure Fixed Glass and Swivel Hinge Fittings in Partition Post and Sneeze Guard Tubing. Simply drill the appropriate size hole, insert Rivet-Nut and compress it. Stainless Steel Socket Head Cap Bolts provide durability in exterior applications.

CAT. NO.	DESCRIPTION	REQUIRED HOLE
RN1420	1/4"-20 Rivet-Nut	25/64" (10 mm)
ZRNUT	5/16"-18 Rivet-Nut	17/32" (13.5 mm)
ZB0LT14	1/4"-20 x 1" S.S. Socket Head Cap Bolt	____
ZB0LT	5/16"-18 x 1" S.S. Socket Head Cap Bolt	____

Minimum order: 10 each.



CAT. NO. RN1420



CAT. NO. ZRNUT



CAT. NO. ZB0LT14



CAT. NO. ZB0LT



CRL Heavy-Duty Threaded Insert Tool and Drill Bit

MORE INFORMATION crlaurence.com

- **For Installing Larger Size Rivet-Nuts and Threaded Inserts**
- **Comes With 1/4"-20 Mandrel and Nosepiece**

The CRL Heavy-Duty Thread Insert Tool is supplied with a 1/4"-20 Mandrel and Nosepiece. It will install aluminum or steel Rivet-Nuts and Poly-Nuts. A 5/16"-18 Mandrel and Nosepiece are sold separately. Works well with our Cat. No. RN1420 and Cat. No. ZRNUT Rivet-Nuts (see above). High Speed 17/32" Drill Bit is made of M-7 steel for tough drilling applications. The three-flatted designed 1/2" (12.7 mm) shank provides better chuck grip. Overall length is 6" (152 mm).

CAT. NO.	DESCRIPTION
34604	Heavy-Duty Threaded Insert Tool
34617	1/4"-20 Mandrel and Nosepiece
34618	5/16"-18 Mandrel and Nosepiece
91134	17/32" Drill Bit for 5/16" -18 Rivet-Nuts

Minimum order: 1 each.



CAT. NO. 34604



CAT. NO. 91134



CAT. NO. 34618

CRL 1973 Glass Cleaner

Ammoniated Formula

- CRL is Sprayway's Master Distributor to the Glass Industry
- Available in Cases of Twelve Big 19 Ounce (539 g) Cans or Twenty Four Mini 4 Ounce (113 g) Cans

MSDS ONLINE

NO AIR FREIGHT

MORE INFORMATION crlaurence.com

All Are Also Available With Your Logo or Private Label



12 Cans Per Case

CAT. NO. 1973
19 Ounces (539 g)

CRL 1973 Glass Cleaner, a long time favorite of CRL customers, is a low ammoniated glass cleaner that is packaged in the traditional easy-to-handle 19 ounce (539 gram) can, and now in new 4 ounce (113 gram) mini cans. CRL Glass Cleaner has effective cleaning agents that leave glass sparkling clean. It also has a pleasant aroma, so you can use it indoors and out with equal effectiveness.

Our 4 ounce (113 gram) mini cans are a great way to promote repeated sales of this fine cleaner. Leave one with your business card when you finish up an installation or repair. Once your customers try it they'll be back for more.



24 Cans Per Case

CAT. NO. 1973M
4 Ounces (113 g)

- Convenient Mini Sized Cans are Great for Promotional Giveaways

CAT. NO.	NET WEIGHT	QTY/CASE
1973	19 Oz. (539 g)	12
1973M	4 Oz. (113 g)	24

Minimum order: 1 case. All aerosol glass cleaners can be combined for quantity pricing.

CRL/Somaca Hi-SHEEN® Glass Cleaner

Ammoniated Formula

- Won't Leave Streaks, Blurs, or Rainbows

MSDS ONLINE

NO AIR FREIGHT

CRL Hi-SHEEN® Glass Cleaner has been faithfully cleaning commercial and residential glass since 1970. It's dependable, no-nonsense aerosol formula is the reason that year after year Hi-SHEEN® is always a popular product!

Hi-SHEEN® lifts residues from nonporous surfaces. It will not run when applying, or evaporate quickly like many other cleaners on the market.

This is a great resale item for glass shops. We are always receiving inquiries from homeowners asking where they can purchase Hi-SHEEN® in their area. This product is never sold to national home centers, which offers you, the glass shop owner, an exclusive product to sell to your customers.

CAT. NO.	NET WEIGHT	QTY/CASE
3371100	19 Oz. (538 g)	12

Minimum order: 1 case. All aerosol glass cleaners can be combined for quantity pricing.



12 Cans Per Case



19 Ounces (538 g)

CRL S50 Glass Cleaner

Ammonia-Free Formula

MSDS ONLINE

NO AIR FREIGHT

Sprayway®

CRL® US ALUMINUM

- Fast Evaporation Rate, Just Spray and Wipe Clean



Year after year, S50 is one of our most popular cleaners. The formula includes perfume-grade alcohols, which are the best cleaning agents you can use. It also has a fast evaporation rate, which keeps it from leaving a film and adversely interacting with other materials. Also available with your logo or private label.



19 Ounces (539 g)

CAT. NO.	NET WEIGHT	QTY/CASE
S50	19 Oz. (539 g)	12

Minimum order: 1 case. All aerosol glass cleaners can be combined for quantity pricing.

CRL Logo Label and Private Label Aerosols

MORE INFORMATION crlaurence.com

Sprayway®

CRL® US ALUMINUM

Available With Your Logo or Private Label

- You Can Now Get Any of the CRL-Sprayway Glass Cleaners and Other Quality Aerosol Products With Your Company's Name and Logo Right on the Can
- A Minimum 40 Case Order is All it Takes to Get Started

CRL Logo Label Program

- 40 Case Minimum Order (12 Cans Per Case)
- Choose From Many of Our Most Popular Formulations, Including S50, 1973, Hi-SHEEN® and CRL18X Glass Cleaners
- Freight Paid to Any Location in the Continental U.S.



The CRL Logo Label Program uses our label templates with designated areas for your company's name or logo, address, and product name. Packaged in one to four color UV coated labeled cans and shipped in white custom stenciled boxes. We offer the same fine quality glass cleaners and lubricants that you are accustomed to using. We can manufacture and ship your first order in approximately four to six weeks from the date your input is received at the packaging plant. Visit our web site **crlaurence.com/glass-cleaners** for details and pricing for this unique service.

CRL Private Label Program

- 60 Case Minimum Order (12 Cans Per Case)
- Choose From Many of Our Fine Formulations, Including S50, 1973, Hi-SHEEN® and CRL18X Glass Cleaners
- Freight Paid to Any Location in the Continental U.S.



CRL's Private Label Program lets you choose from one to four color UV coated labeled cans. Design your labels within our guidelines for that custom look. Your aerosols will ship to you in oyster white custom stenciled boxes. First order takes approximately four to six weeks.

Sprayway is a registered trademark of Claire-Sprayway, Inc.

CRL Mirror Cleaner and Polish

MSDS ONLINE

NO AIR FREIGHT

Ammonia-Free Formula

- Strong Foaming Action Won't Harm Mirrors





12 Cans Per Case

CRL Mirror Cleaner and Polish is formulated especially for cleaning mirrors. It has a strong working foaming action that leaves mirrors sparkling clean, with no streaking or smearing. Ammonia-free formula will not attack mirror edges or contribute to "black edge." Also good for cleaning chrome, tile, porcelain, formica, appliance surfaces and stainless steel.

CAT. NO.	NET WEIGHT	QTY/CASE
1982	19 Oz. (539 g)	12

Minimum order: 1 case. All aerosol glass cleaners can be combined for quantity pricing.

CRL18X Glass and All Purpose Cleaner

MSDS ONLINE

NO AIR FREIGHT

Ammonia-Free Formula

- Our Best All Purpose Glass Cleaner for Around the House

Use this extra strong, ammonia-free CRL18X Cleaner on glass, mirrors, porcelain, enamel surfaces, ceramic tile, aluminum, brass, and chrome. Excellent for really tough cleaning problems around the house or on the job site. Also available with your logo or private label (see page SF097).



12 Cans Per Case

MORE CHOICES crlaurence.com

CAT. NO.	NET WEIGHT	QTY/CASE
CRL18X	19 Oz. (539 g)	12

Minimum order: 1 case. All aerosol glass cleaners can be combined for quantity pricing.

CRL POWR Cleaner

MSDS ONLINE

NO AIR FREIGHT

Ammoniated Formula

- Formulated for Use With All Automotive Urethanes to Enhance Bonding of Urethane Adhesive
- LYNX Services® Approved





12 Cans Per Case

CRL POWR Cleaner has been tested by CRL labs to offer the same cleaning qualities as most automotive urethane glass conditioners. Automotive Urethane manufactures' recommendations regarding glass primers must still be followed after cleaning glass with PWR22.

CAT. NO.	NET WEIGHT	QTY/CASE
PWR22	19 Oz. (539 g)	12

Minimum order: 1 case. All aerosol glass cleaners can be combined for quantity pricing.

LYNX Services is a registered trademark of Lynx Services, LLC.

CRL Concentrate Glass Cleaner

MSDS ONLINE

Ammoniated Formula

- One Gallon Concentrate Makes 10 Gallons of Strong Cleaning Fluid



See page SF101 for Dispenser Bottles



CAT. NO. 695
1 Gallon (3.785 l)

CRL Concentrate Glass Cleaner is the most popular bulk glass cleaner for in-shop and on-the-job use. It's easy to use and leaves no film or smears on glass. Used for cleaning glass by insulating glass unit manufacturers, and also used by the auto glass industry for windshields. For extra hard cleaning jobs, use it with less water.
We recommend the use of CRL Lint Free Glass Wipes (see page SF107) with any glass cleaner.

CAT. NO.	CONTAINER
695	1 Gallon (3.785 l) Bottle
69555GL*	55 Gallon (208 l) Drum

Minimum order: 1 each. *Must ship common carrier.

CRL Ready-Mix Glass Cleaner

- Ready-Mixed Bulk Liquid
- Also Available in Private Label for Your Resale

MSDS ONLINE



1 Gallon (3.785 l)

Our professional strength CRL Bulk Glass Cleaner is available in these ready-mixed gallons for bulk filling of your spray dispensers. It's precisely formulated to give great glass cleaning results without the effort of mixing it yourself. Also available for resale in containers with your private label. Four one gallon bottles per case. Minimum order is one case.

CAT. NO. 895GL

CRL Pre-Mixed Mirror and Glass Cleaner

- Non-Streaking, Environmentally Safe Formula
- Contains No Ammonia or Vinegar

MSDS ONLINE



5 Gallons (18.9 l)



CRL Pre-Mixed Mirror and Glass Cleaner is an all-purpose cleaner that contains no ammonia or vinegar to harm mirror backing. Non-streaking, environmentally safe formula. Sold in a five gallon boxed container with an easy-pour spout included. Minimum order is one each.

CAT. NO. 3377000

CRL Low-e Washing Machine Detergent

MSDS ONLINE

- Self-Adjusting pH to Water Conditions
- De-Limer to Help Keep Machine Free of Dirt Build-Up
- Biodegradable



CAT. NO. 3379046
1 Gallon (3.785 l)



CAT. NO. 3379048
55 Gallon (208 l)

This CRL Low-e Glass Washing Machine Detergent is for use with all glass washing machines. One gallon of super concentrated detergent treats over 1000 gallons (3785 liters) of water. Field tested to yield best results in "Low-e" soft coat production runs. Listed on H.B. Fuller "Acceptable List."

CAT. NO.	CONTAINER	QTY/CASE
3379046	1 Gallon (3.785 l) Bottle	4
3379048*	55 Gallon (208 l) Drum	1

Minimum order: 1 each. *Must ship common carrier.

CRL Glass Washing Machine Detergent

MSDS ONLINE

- Compatible With All Glass Washing Machines
- Will Not Leave a Film
- Biodegradable

MORE INFORMATION crlaurence.com

Automatic glass washing machines require a special detergent for flat glass. CRL Glass Washing Machine Detergent mixes quickly, and is compatible with any brand of washer currently in use. It is composed of a unique combination of inhibitors with synthetic detergents to provide effective soil removal at low concentrations. Starting ratio for mixing is one tablespoon per ten gallons of water. Complete instructions are on the container label. This detergent is biodegradable, and does not contain additives (release agents), which will inhibit adhesion of sealants to the glass.



CAT. NO. 155X
5 Pounds (2.2 kg)

CAT. NO.	CONTENTS
155X	5 Pounds (2.2 kg)
155X40	40 Pounds (18.1 kg)
155X400*	400 Pounds (181.4 kg)

Minimum order: 1 each. *Must ship common carrier.

CRL "Sparkle" Cleaner and Stain Remover

MSDS ONLINE

- Cleans Light Water Stains From Glass
- Removes Soap Scum From Shower Doors
- A Long Time Favorite That Does Those Jobs Too Tough for Spray-On Cleaners



8 Fl. Oz. (236 ml)

CRL "Sparkle" Cleaner does those glass cleaning jobs too tough for spray-on cleaners. It removes light water spots and stains in glass caused by weather, sea air, or pollution; also removes soap scum from shower doors and ceramic tile. Wipe on with a damp cloth or paper towel, rub stained areas, then wipe off.

CAT. NO.	CONTENTS	QTY/CASE
SP101	8 Fl. Oz. (236 ml)	12

Minimum order: 1 each.

CRL Bio-Clean Water Stain Remover

MSDS ONLINE

- Effectively Removes Water and Mineral Stains, Soap Scum From Glass and Other Surfaces
- Works Great on Shower Doors, Windows, Tile



CAT. NO. WSR1P



CAT. NO. WSR1
16 Fl. Oz. (473 ml)

Apply CRL Bio-Clean directly onto surface or on a cloth, sponge, brush or electric buffer. Press firmly to loosen stain with a rubbing action, and then just rinse with water until residue free. Dry with cloth or paper towel. It can be reapplied as needed until surface is sparkling clean. **NOTE:** Do not use on surfaces that can be harmed by the use of a mild abrasive.

CAT. NO.	CONTENTS	QTY/CASE
WSR1	16 Fl. Oz. (473 ml)	12
WSR1P	5 Single Use Pouches	1

Minimum order: 1 each of WSR1 or 1 pack of WSR1P.

CRL A-Maz Water Stain Remover

MSDS ONLINE

- Removes the Toughest Stains
- Contains No Acids, Bleach, or Chlorides
- Includes Nylon Scrub Pad



MORE INFORMATION crlaurence.com

CAT. NO. 3379520
14 Oz. (396 g)

CRL A-Maz Water Stain Remover removes the toughest stains on glass, chrome, porcelain, fiberglass, metal, tile - water stains, mineral deposits, and sealant stains. It can also be used on all types of bathroom surfaces to remove lime scale, oxidation, and soap scum. **NOTE:** Do not use on surfaces that can be harmed by the use of a mild abrasive. Minimum order is one each.

CRL Water Spot Remover

MSDS ONLINE

- Removes Alkaline Residue, Chemical and Mineral Deposits (Typical Stage One Corrosion)



CRL Water Spot Remover is specifically formulated for use by professional window cleaning contractors and glazing professionals. CRL Water Spot Remover will make glass that has turned hazy clear again due to caustic and corrosive air pollution, acid rain, auto exhaust, hard water deposits, corrosive cleaning materials, dust and dirt residues. It works by dissolving mineral deposits from the surface of the glass, and prevents their redeposit later. Apply with a clean soft cloth or sponge.
NOTE: This product is for use only by glazing professionals. It is not intended or recommended for consumer use, for use on automotive glass, or for use on the coated sides of chemically-treated glass. Protective gloves and glasses are recommended when using CRL Water Spot Remover.

CAT. NO.	CONTENTS	QTY/CASE
C2020	1 Gallon (3.785 l)	4
C2030	1 Quart (946 ml)	12

Minimum order: 1 each.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL TPC Surface Protector

MSDS ONLINE

NO AIR FREIGHT

- Transparent Polymer Coating
- Water, Soil, and Stain Repellant
- Protects Glass and Many Other Surfaces

CRL TPC Surface Protector will actually seal the pores of glass, porcelain, ceramic, plastics, polished metals, fiberglass, and marble to make the surface water, soil, and stain resistant. The clear coating guards against the adhesion and build-up of dirt, grime, mold, mildew, rust, and mineral deposits. One fluid ounce protects approximately 15 square feet (1.4 meters square) of glass.



UNTREATED GLASS

Water does not "bead" on glass. Dirt sticks to water that dries on the glass and leaves stains.



TREATED GLASS

Water "beads" up on sealed, polished glass and easily runs off, taking any dirt with it.

CAT. NO.	CONTENTS	QTY/CASE
TPC16	16 Fl. Oz. (473 ml)	12
TPC5GL	5 Gallons (18.9 l)	1
TPC16P	5 Towelettes	1

Minimum order: 1 each.



CAT. NO. TPC16

Visit our web site, **crlaurence.com**, for Application Tips and Most Common Uses. Also Protects Sand-Blasted Glass



CAT. NO. TPC16P
Towelette Packs
(5 per pack)

CRL TPC Surface Protector Towelettes keep your customers coming back. Leave one or two packs with your customer after each beautiful frameless shower door installation. Once they see how well CRL TPC Surface Protector keeps their new glass clean, they will be ordering 16 fl. oz. (473 ml) bottles from you. Each pack contains five towelettes.

CRL Plastic Spray Dispenser Bottles

- Ideal for Use With CRL Concentrate Glass Cleaner
- Oversized Triggers for Powerful Pumping Action
- High-Volume Output



CAT. NO. DB21
16 Fluid Ounce Size
(473 ml)



CAT. NO. 3371032
32 Fluid Ounce Size
(946 ml)

These CRL Plastic Dispenser Bottles provide the easiest and most economical way to use Concentrate Glass Cleaner. The easy trigger operation sprays a large, fine mist pattern for best coverage of glass area. Easily cleaned valve and intake strainer. These Dispensers will replace and outlast expensive, high-pressure aerosol containers.

CAT. NO.	DESCRIPTION
DB21	16 Fl. Oz. (473 ml) Plastic Spray Dispenser Bottle
3371032	32 Fl. Oz. (946 ml) SprayMaster™ Trigger Sprayer

Minimum order: 1 each.

CRL Sprayway® Crazy Clean® All Purpose Cleaner

MSDS ONLINE

NO AIR FREIGHT

- Cleans and Deodorizes
- Great on Smooth Finishes
- Contains No Ozone Depleting Chemicals
- Lots of Uses in the Shop and at Home

CRL Sprayway® Crazy Clean® All Purpose Cleaner is great for all washable, painted surfaces, window sills, venetian blinds, and all porcelain and tile surfaces. Excellent for removing dirty hand prints from walls and doors, scuff marks on floors, crayon and grease spots, soot and smoke film. Also suitable for bathtubs, washbowls, toilet bowls, kitchen sinks, cabinets, stoves, and refrigerators. Twelve 19 ounce (539 g) cans per case. Minimum order is one case.

MORE CHOICES crlaurence.com



CAT. NO. SW31

Sprayway and Crazy Clean are registered trademarks of Claire-Sprayway, Inc.

CRL Stainless Steel Polish and Cleaner

MSDS ONLINE

NO AIR FREIGHT

- Cleans, Polishes, and Protects
- Resists Fingerprints, Grease, and Water Spatter
- Preserves the Factory Finish of Stainless Steel



CRL Stainless Steel Polish and Cleaner cleans, polishes, and protects stainless steel without hard rubbing and polishing. Resists fingerprints, grease, and water spatter. Helps preserve the factory finish. Stainless Steel Polish and Cleaner can be used on all types of stainless steel window frames, trims, doors, corridor guards, kick plates, dishwashers, refrigerators, freezers, sterilizers, etc. Also excellent for Formica®, porcelain, ceramic tile, and chrome.

CAT. NO.	NET WEIGHT	QTY/CASE
CRL841	15 Oz. (425 g)	12

Minimum order: 1 each.

CRL Alumin-Nu Metal Cleaner

MSDS ONLINE

- Ideal for Removing Heavy Oxidation on Aluminum, Brass, Copper, Nickel, Chromium, Stainless Steel and All Bright Metals



This metal cleaner and polish for aluminum, copper, brass, bronze, nickel, chromium, and stainless steel restores metal to its original finish. After the surface has been cleaned, a protective film remains which retards discoloration.

CAT. NO. 95060QT

CAT. NO.	CONTENTS	QTY/CASE
95060QT	32 Fl. Oz. (946 ml)	12
95060GL	128 Fl. Oz. (3.785 l)	4

Minimum order: 1 each.

CRL Autosol® Shine Metal Cleaner

MSDS ONLINE



- Cleans and Conditions in a Single Treatment
- Produces a Brilliant Gloss

CRL Autosol® Shine Metal Cleaner is ideal for chrome, aluminum, stainless steel, brass, copper, gold, pewter, platinum, silver, tin, fiberglass, ceramic, and certain painted surfaces. Mild abrasives help to remove built-up tarnish, oxidation, and even rust, leaving behind a protective coating providing a longer lasting shine. 2.5 fl. oz. (75 ml). Minimum order is one each. Quantity per case is 24. **NOTE:** Not suitable for anodized aluminum and fine silver.

CAT. NO. 1188AS

CRL Metal Polish and Tarnish Remover

- Non-Abrasive
- Fast Acting and Easy to Use

MSDS ONLINE

NO AIR FREIGHT



CRL Metal Polish and Tarnish Remover was originally developed to remove tarnish from bathtub enclosures and shower door frames, but it can also be used to restore bright, shiny finishes on brass, bronze, silver, aluminum, stainless steel, and chrome surfaces. After restoration CRL14 leaves a residual coating to protect against future tarnish without chlorinated solvents or petroleum distillates.

CAT. NO.	NET WEIGHT	QTY/CASE
CRL14	14 Oz. (396 g)	12

Minimum order: 1 each.

CRL Stainless Steel Anti-Microbial Kit

MSDS ONLINE

MORE INFORMATION crlaurence.com

- Easy as Step 1, Step 2, and Step 3
- Stain Protective Technology

CRL Stainless Steel Anti-Microbial Kit cleans, polishes, seals, protects and maintains stainless steel and finished metal surfaces. Keeps surfaces clean, hygienic, and brilliant with no harsh chemicals. New "Micron" Anti-Microbial technology inhibits the growth of pathogens, while preventing mold, mildew, corrosion, oxidation, and water staining.

Step 1 Polish and Sealer can be used on brushed stainless steel and mill aluminum.
Step 2 Anti-Microbial Protective Treatment can be used on stainless steel, mill aluminum, polished brass, satin brass, satin anodized, dark bronze anodized, powder coated, and chrome surfaces. Step 3 Shine can be used on the same surfaces as Step 2.



CAT. NO.	DESCRIPTION	CONTENTS
DSK1T	Anti-Microbial Kit	DSR8, DS2P8, DSWR8, 3M® ScotchBritePad Micro Fiber Cloths (2), Micro Fiber Applicator Pad (1)
DSR8	Step 1 Polish and Sealer	8 Fl. Oz. (237 ml)
DS2P8	Step 2 Anti-Microbial Protective Treatment	8 Fl. Oz. (237 ml)
DSWR8	Step 3 Shine	8 Fl. Oz. (237 ml)
DSWR16	Step 3 Shine	16 Fl. Oz. (474 ml)

Minimum order: 1 each.

3M and Scotch-Brite are registered trademarks of 3M Company.
Autosol is a registered trademark of Autosol International GmbH.
Formica is a registered trademark of the Diller Corporation.

CRL Aerosol Plastic Cleaner

MSDS ONLINE

NO AIR FREIGHT



- Anti-Static, Anti-Fog, Non-Streaking Formula
- Fast Drying and Economical to Use
- Large 19 Ounce (539 g) Can

CRL Aerosol Plastic Cleaner is an anti-static, anti-fog, non-streaking formula that is fast drying and economical to use. Apply it to a variety of plastic materials: acrylic, Plexiglas, polycarbonates, and safety glazing panels. CRL848 wipes away without streaking, and leaves a sparkling clean surface. This large 19 ounce aerosol will clean a lot of plastic.

CAT. NO.	NET WEIGHT	QTY/CASE
CRL848	19 Oz. (539 g)	12

Minimum order: 1 each.

CRL Plastic Cleaner and Polish

MSDS ONLINE



- CRL10 and PN7030 for Fine Scratches
- PN7080 for Heavy Scratches

CRL and Novus® Plastic Cleaner and Polish cleans and polishes virtually everything made of plastic. They're great for removing tiny scratches from acrylic windows in boats, campers, RV's, airplanes, or any other vehicle. They can polish the plastic on boat surfaces, seat covers, shower doors, Formica tops, etc. Not for use on eyeglasses, polycarbonates, or coated plastics. Novus® No. 2 should be used as a follow-up to Novus® No. 3 for best results.

CAT. NO.	DESCRIPTION	NET CONTENTS	QTY/CASE
CRL10	Plastic Cleaner & Polish	8 Fl. Oz. (236 ml)	12
PN7030	Novus® Polish No. 2 (Fine)	8 Fl. Oz. (236 ml)	12
PN7080	Novus® Polish No. 3 (Heavy)	8 Fl. Oz. (236 ml)	12

Minimum order: 1 each.

CRL Hi-GLOSS Stone Countertop Cleaner

MSDS ONLINE

NO AIR FREIGHT



- Safe for All Stone Surfaces
- Cleans, Polishes, and Protects
- Invisible When Buffed
- Fresh Citrus Scent

CRL Hi-GLOSS Stone Countertop Cleaner is safe for all sealed and unsealed stone surfaces. It is deep cleaning and contains no wax. It protects your stone surfaces from water stains and household spills. The new SprayAnyWay™ valve allows easy application, even with can upside down. It works just as well on engineered stone countertops. There is no buildup with Hi-GLOSS so you can use it without fear of creating a heavy film. After an installation, leave a can with your customer. **NOTE:** Not for use on floors. Avoid direct contact with food.

CAT. NO.	NET WEIGHT	QTY/CASE
3371149	17 Oz. (481 g)	12

Minimum order: 1 each.

CRL Instant Shine

MSDS ONLINE

NO AIR FREIGHT



- Provides a Beautifully Renewed Surface
- Silicone Based Coating
- Contains No Ozone Depleting Chemicals

MORE INFORMATION crlaurence.com

CRL Instant Shine is a great final detail product for rubber, vinyl, and polycarbonate. Works on tires, vinyl interiors, bumpers, bumper guards, body moldings, door jambs, engine compartments, even hard to reach air conditioner ducts. Just spray on and buff, or let dry to a "like new" shine.

CAT. NO.	NET WEIGHT	QTY/CASE
SW936	11 Oz. (312 g)	12

Minimum order: 1 each.

Novus is a registered trademark of Novus, Inc.

CRL Quick Release Agent

• Quick Release of Most Adhesives

CRL Quick Release Agent is a solvent blend designed to loosen or dissolve most adhesives. It softens or undercuts butyl, oil-based, and polyurethane sealants.

MSDS ONLINE

NO AIR FREIGHT



CAT. NO.	NET WEIGHT	QTY/CASE
CRL958	14 Oz. (397 g)	12

Minimum order: 1 each.

CRL General Purpose Solvent and Adhesive Cleaner

• Removes Uncured Paint, Adhesive, Grease, and Oil

MSDS ONLINE

NO AIR FREIGHT

CRL General Purpose Solvent and Adhesive Cleaner handles some of the toughest cleaning jobs your shop can encounter. Use CRL2032 to soften and remove uncured urethane, adhesive, tar, grease, oil, and paint.



CAT. NO.	CONTENTS	QTY/CASE
CRL2032	32 Fl. Oz. (946 ml)	12

Minimum order: 1 each.

CRL Solvent Cleaner and Degreaser

• Excellent Spray Cleaner for Grease, Tar, Crayon, and Ink

CRL Solvent Cleaner and Degreaser is a solvent cleaner and degreaser that removes grease, tar, adhesive marks, crayon, lipstick, ink, and fresh paint along with many other types of dirt and grime. CRL60 is also excellent for removing spots from fabrics, rugs, and clothing.

MSDS ONLINE

NO AIR FREIGHT



CAT. NO.	NET WEIGHT	QTY/CASE
CRL60	20 Oz. (567 g)	12

Minimum order: 1 each.

CRL Solvent Degreaser

MSDS ONLINE

NO AIR FREIGHT

• Great for Cleaning Glass and Metal Before Application of UV Adhesive

• Contains No Ozone Depleting Chemicals

CRL Solvent Degreaser can be used to remove oil, dirt, grease, and other contaminants. It dries quickly and leaves no residue. Use this product with UV Adhesives for a secure bond. **NOTE:** Protect all rubber, plastic, and painted surfaces from over-spray. S50 Glass Cleaner is recommended following use of CRL Solvent Degreaser.



CAT. NO.	NET WEIGHT	QTY/CASE
CRL7528	20 Oz. (567 g)	12

Minimum order: 1 each.

CRL Silicone Remover and Surface Prep

• Ideal for Removing Uncured Silicone and Many Cured Silicones

• Prepares Surfaces to Be Sealed, Painted or Bonded

CRL Silicone Remover and Surface Prep is a long needed answer to uncured silicone clean up. Spray on and it instantly dissolves silicone film. It's also a degreaser that removes uncured silicone residue and oils. It will also soften and remove many cured silicones.

MSDS ONLINE

NO AIR FREIGHT



CAT. NO.	CONTENTS	QTY/CASE
SR200	16 Fl. Oz. (473 ml)	12

Minimum order: 1 each.

3M is a registered trademark of 3M Company.

CRL 3M® General Purpose Adhesive Cleaner

MORE CHOICES crlaurence.com

• Cleans Quickly

CRL 3M® General Purpose Adhesive Cleaner quickly cleans off wax, grease, oil, adhesives, road tar, silicone, and more It's also suitable for use on vinyl or glass surfaces.

MSDS ONLINE

NO AIR FREIGHT



CAT. NO.	NET WEIGHT	QTY/CASE
3M8987	15 Oz. (425 g)	12

Minimum order: 1 each.

CRL Loctite® ODC-Free Cleaner and Degreaser

MSDS ONLINE

NO AIR FREIGHT

- Prepares Surfaces for UV Adhesives
- Cleans Uncured UV Adhesives
- Contains No Ozone Depleting Chemicals
- Non-Aerosol Pump Spray Container



Loctite® ODC-Free Cleaner and Degreaser is a general purpose cleaner/degreaser, ideal for preparing surfaces prior to use of all Loctite® adhesives and sealants. Removes all traces of grease and oils, and leaves no residue. It is nonflammable and low in toxicity. 10 pump spray cans per case. Minimum order is one each.

CAT. NO.	NET WEIGHT	QTY/CASE
20162	16 Oz. (473 ml)	10

Minimum order: 1 each.

CRL Tyvek® Shoe Covers

- Use to Protect Your Customer's Carpets
- Made of Lightweight Tyvek® Material
- One Size Fits All



CRL Tyvek® Shoe Covers are made of lightweight Tyvek® tops, with PVC soles. Tyvek® is a durable tear and puncture resistant material that will not absorb liquids. It is not paper, so it remains strong, wet or dry. Interlocking closed seam construction gives maximum protection from liquid penetration, spills, and splashes. 1SC covers are designed to fit over most shoes and tennis shoes. They will not fit over larger boots. Contact us for details and pricing for larger boot covers, which are sold ten pairs per package. Minimum order one package.

CAT. NO. 1SC

CRL Heavy-Duty Razor Blade Scrapers

- Holds Both Metal and Plastic Razor Blades
- Perfect for Scraping or Sticker Removal

MORE CHOICES crlaurence.com



Overall length is 11" (279 mm). Comes with one steel and one plastic razor blade in the hollow handle. Blade is secured by a single set screw. Minimum order is one each.

CAT. NO. CRL761

CRL Razor Blade Holder and Scraper

- Safely Holds Single Edge Metal Razor Blades
- Comfortable Handle for a Sure Grip



This CRL Razor Blade Holder and Scraper is a safe and easy way to handle single edge metal razor blades for all your scraping jobs. The blade end is molded into a plastic handle that provides a comfortable and sure grip, with a metal ferrule so you can hang it up. There is also a slip-on safety cover for the blade edge. Holds our 51S and KKB12 Single Edge Razor Blades (see below). Overall length is 6-1/2" (165 mm). Minimum order is one each.

CAT. NO. RS65

CRL Safety Razor Blade Holder and Window Scraper

- Safely Holds All Single Edge Metal Razor Blades
- Buy Them Individually or in Bulk Boxes of 100

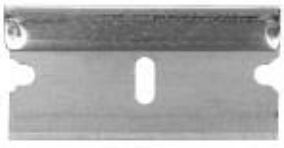


For a safe and simple way to hold single edge razor blades, try our Safety Razor Blade Holder and Window Scraper. Instantly expose or conceal the blade with a simple thumb lock. This metal tool will withstand lots of use, and has a hole in the end so you can hang it up. Overall length is 4-1/2" (114 mm). Scrapers are available individually, or in bulk boxes of 100 each.

CAT. NO.	DESCRIPTION
3223	Individual Scraper#
115000	Box of 100 Scrapers*

#Minimum order: 1 each. *Minimum order: 100 each.

Our Scrapers Hold Any of These Blades



CAT. NO. 51S
.009" Single Edge Metal
Minimum order: 100 each.



CAT. NO. KKB12
.012" Single Edge Metal
Minimum order: 100 each.



CAT. NO. CP866088
Single Edge Plastic
Minimum order: 1 pack of 100 blades.



CAT. NO. CRL3000
Double Edge Plastic
Minimum order: 1 pack of 100 blades.

Loctite is a registered trademark of Henkel Corporation.
Tyvek is a registered trademark of E.I. du Pont de Nemours and Company.

CRL Superior Squeegees

- Dual 10" Blades in an 8" Handle
- Two Colors With Chrome Caps





CAT. NO. SQBC1



CAT. NO. SQWC1

CRL Superior Squeegees have decorative chrome end caps on white or black wiping blades and handles. This upscale combination of function and design makes it easy to wipe water spots from glass, tile, and marble surfaces. Dual 10" (254 mm) blades are held in an 8" (203 mm) handle. Minimum order is one each.

CRL Rubber Squeegees

- Thick Rubber Blade
- Sturdy Steel Handle

MORE CHOICES crlaurence.com



CAT. NO. SP412
12" (305 mm)



CAT. NO. SP408
8" (203 mm)

These heavy-duty CRL Squeegees have a thick rubber blade and steel handle. Available in 8" and 12" (203 and 305 mm) widths, these Squeegees will wipe away a lot of window cleaning solution quickly. Minimum order is one each.

CRL Steel Wool

- Comes in Four High Quality Grades From Super Fine to Coarse





CRL Steel Wool comes in four high-quality grades from super fine (most popular) to coarse. Packed in economical sleeve packs of 16 pads, with a handy chart to show which grade is best for every cleaning job.

CAT. NO.	GRADE
Z100	Super Fine
Z200	Fine
Z300	Medium
Z400	Coarse

Minimum order: 1 pack. Grades can be combined for quantity pricing.

CRL 3M® Scotch-Brite® Hand Pads

- Cleans, Finishes, Blends, and Deburrs Metal
- Two Grades Available, Fine and Coarse

CRL 3M® Scotch-Brite® Commercial Hand Pads are for general purpose cleaning and scouring. High-quality synthetic fiber will not rust or corrode. Large 6" x 9" (152 x 229 mm), 1/4" (6.3 mm) thick Pads. Our Cat. No. SB7447F Pad is for surface conditioning. Perfect for cleaning, finishing, blending, and deburring for railing applications. Our Cat. No. SB7440C Pad is for heavy-duty work. A high mineral content makes these pads cut fast to remove contaminants and oxides in your most demanding jobs. Minimum order is one each.



CAT. NO. SB7447F
Scotch-Brite® Fine Hand Pad



CAT. NO. SB7440C
Scotch-Brite® Coarse Hand Pad

CRL Hand Cleaner

MSDS ONLINE

- Cleans Dried Urethane and Other Tough Stains Such as Grease, Oil, Ink, and Carbon Smudges

CRL Hand Cleaner that dissolves grease, oil, ink, carbon smudges, dried urethane, and other sealants. It is also excellent as a lubricant for rubber gasket and glass installation. The pleasant citrus scent leaves a clean smell.



CAT. NO. HC2145
Dispenser for HC720



CAT. NO. HC720
4.5 lb. Tub

CAT. NO.	CONTENTS	QTY/CASE
HC14	14 Oz. (397 g) Tube	12
HC720	4.5 lb. (2.14 kg) Tub	6
HC2145	Plastic Pump Dispenser for HC720 Tub	1

Minimum order: 1 each.

3M and Scotch-Brite are registered trademarks of 3M Company.

CRL Grime Scrub Brush

- Special Row of Stiff Bristles Cleans Under Fingernails

MORE INFORMATION crlaurence.com



CAT. NO. 17050

The CRL Grime Scrub Brush effectively cleans out the grime from the crevices in one's hand, and has a special row of bristles to clean under fingernails. The contoured handle gives even wet hands a firm grip. Durable and lightweight, with molded-in-place bristles for long service life. Minimum order is one each.

CRL Lint Free Glass Wipes



CAT. NO. 1550
900 Wipes Per Case

- Strong, Four-Ply White Paper Wipes are Virtually Lint Free
- Reinforced Nylon Scrim in Both Directions So They Work Great Wet or Dry
- Six Convenient Pop-Up Dispenser Boxes In Each Case

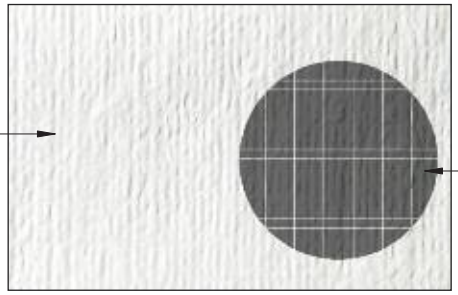


CAT. NO. BX15
150 Wipes Per Box

Extra-tough CRL Lint Free Glass Wipes bring the absorbing power you need in a lighter weight material that's reinforced with a nylon scrim for extra strength. The ripple texture makes them easy to hold during use, and provides just the right amount of surface area for cleaning solutions to do their work.

CRL Lint Free Glass Wipes have no adhesives or binders so they leave nothing behind except clean, lint free surfaces. Besides glass, they are ideal for your most demanding shop clean up tasks.

CRL Lint Free Glass Wipes measure a big 16-1/2" x 9-3/4" (419 x 248 mm). Each case has six pop-up boxes containing 150 Wipes each for a total of 900 Wipes per case.



MORE CHOICES crlaurence.com



CAT. NO.	DESCRIPTION
1550	Case of 900 Wipes
BX15	Box of 150 Wipes
K73900	Optional Dispenser Bracket

Minimum order: 1550 1 case; BX15 1 box.

CRL Paper Towel Rolls

- Strong and Extra Absorbent
- Two Plies Thick



CRL Paper Towels are two plies of strong white paper with extra absorbent qualities. Each 8-3/4" x 8-3/4" (223 x 223 mm) sheet wipes up spills quickly, and you get 128 sheets per roll. You'll find CRL Paper Towels economical to use. They're great on the job, in the shop, and around the house. Sold only in cases of 20 rolls. Each individually wrapped roll has 128 towels.

CAT. NO.	SHEET SIZE	QTY/CASE
41482	8-3/4" x 8-3/4" (223 x 223 mm)	20 Rolls

Minimum order: 1 case.

Tork is a registered trademark of SCA HYGIENE Products.

CRL Tork® Advanced Hand Towels

- Super Absorbent Two Ply Rolls
- Center-Pull Dispenser



These 100% cellulose Tork® Hand Towels are able to absorb up to four times their own weight in liquids, requiring fewer wipes per job. The big, 600 sheet roll can be kept clean and contamination-free by using the sealed, consumption control Center-Pull Dispenser. Towels measure 9" x 11-3/4" (229 x 300 mm).

CAT. NO.	DESCRIPTION	CONTENTS
121201	Tork® Advanced Single Roll	1 Roll
2001234	Tork® Advanced 6-Roll Case	6 Rolls
559028A	Center-Pull Dispenser	1 Each

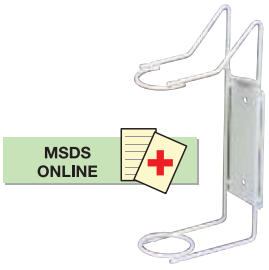
Minimum order: 121201 1 roll; 2001234 1 case; 559028A 1 each.



Center Pull Dispenser

CRL Wipes in a Bucket





Optional
Wall Mount Bracket

- **Quickly Removes Urethane, Tough Soils, Adhesives, Grease, Etc.**

CRL99W Wipes in a Bucket are a patented, waterless hand cleaning system combining both a high quality liquid hand cleaner formula, and a heavy-duty, non-scratching, abrasive hand-cleaning towel. Large 10-1/2" x 12-1/4" (267 x 311 mm) size.

CAT. NO.	DESCRIPTION	QTY/CASE
CRL99W	Bucket of 72 Wipes	6
CRL99WB	Optional Wall Mount Bracket	---

Minimum order: 1 each.

CRL Scrubs-In-A-Bucket®





- **Pop-Up Towels Impregnated With Waterless Hand Cleaner**

Use CRL Scrubs-In-A-Bucket® for fast and easy hand cleaning. These pre-moistened towels clean hands of urethane, adhesives, ink, tar, and oil with a gentle-to-the-skin formula that gives pumice performance without the grit. They also feature a natural citrus fragrance. Large 10-1/2" x 12-1/4" (267 x 311 mm) size.

CAT. NO.	DESCRIPTION	QTY/CASE
C422	Bucket of 72 Wipes	6
CRL99WB	Optional Wall Mount Bracket	---

Minimum order: 1 each.

CRL Micro Fiber Wipes

- **Streak Free Cleaning on Windows and Mirrors**
- **Washable Up to 500 Times**



CRL Micro Fiber Wipes have thousands of microscopic fibers that trap dirt and grime to increase cleaning effectiveness and reduce cleaning and drying times.

CAT. NO.	WIPE SIZE	QTY/PACK
MFW2	16" x 16" (406 x 406 mm)	2

Minimum order: 1 pack.

CRL Box of Rags





White T-Shirt Material



White Thermal Material

- **Convenient Four Pound Boxes**
- **White T-Shirts and White Thermals**

CRL Box of Rags are recycled white cloth wipes that are excellent for all purpose wiping, cleaning, and polishing because they are practically lint-free. More durable than paper and also washable.

CAT. NO.	DESCRIPTION
T10520	White T-Shirts – 4 Lb. Box
T10500	White Thermals – 4 Lb. Box

Minimum order: 1 box.

CRL Glass-EEZ Cleaning Towels

MORE INFORMATION
crlaurence.com

- **Lint-Free**
- **Four Plies Thick**



These CRL Glass-EEZ Cleaning Towels are high quality paper towels that are virtually lint-free.

CAT. NO.	TOWEL SIZE	QTY/CASE
2131300	13-1/2" x 17-5/8" (343 x 448 mm)	500

Minimum order: 1 case.

CRL Kimtex Shop Towels

- **Poly Fiber Towels are More Durable Than Paper**



CAT. NO. 33560

Soft and super absorbent CRL Kimtex Shop Towels are made in a special, patented process using melt-blown polypropylene fibers to create the first non-woven wipe durable enough to replace shop rags. Towels measure 12" x 14.4" (305 x 366 mm), and there are 528 Towels per case. Minimum order is one case.

NOTE: Kimtex Towels are made with a special process that contains harmless chemicals that may leave a film if used to clean glass. For cleaning glass, we suggest you use CRL 1550 Lint Free Glass Wipes (see page SF107).

Scrubs In-A-Bucket is a registered trademark of Illinois Tool Works, Inc.

CRL PR02 Silicone Spray

MSDS ONLINE

NO AIR FREIGHT

- Our Best Selling Lube
- Seals Out Moisture
- Waterproofs and Lubricates





Use our versatile CRL Silicone Spray Lubricant for almost any lubricating need. An effective squeak squelcher, its non-conducting, non-gumming formula repels water. Use it to damp-proof auto and marine electrical systems, and for many other applications.

CAT. NO.	NET WEIGHT	QTY/CASE
PR02	10.75 Oz. (305 g)	12

Minimum order: 1 each. All Aerosol Lubricants can be combined for quantity pricing.

CRL Metal Lube

MSDS ONLINE

NO AIR FREIGHT

- Cleans as it Lubricates
- Preserves Metal Finishes
- Frees Sticky Hinges, Rollers, Guides, Tool Parts





Developed for the professional to handle all metal lubricating needs, CRL Metal Lube unsticks hinges, latches, locks, and rollers. It can also be used on power tools, saws, trunk lids, and car door hinges. Preserves metal from rust and corrosion.

CAT. NO.	NET WEIGHT	QTY/CASE
1200	11 Oz. (312 g)	12

Minimum order: 1 each. All Aerosol Lubricants can be combined for quantity pricing.

CRL White Grease Lubricant

MSDS ONLINE

NO AIR FREIGHT

- Heavy-Bodied Spray Lube That Keeps Things Working Right
- Excellent for Metal-to-Metal Moving Parts
- Works Great on Gears, Chains, Cables, and Pulleys

MORE CHOICES
crlaurence.com



CRL White Grease Lubricant is a heavy-bodied aerosol spray lube that frees metal moving parts in locks, gears, chains, cables, pulleys, and more. Clings to sprayed areas to give good lubricating performance and keep things working right.

CAT. NO.	NET WEIGHT	QTY/CASE
CRL715	11 Oz. (312 g)	12

Minimum order: 1 each. All Aerosol Lubricants can be combined for quantity pricing.

CRL Sprayway® Dry Silicone Lubricant and Release Agent

MSDS ONLINE

NO AIR FREIGHT

- Lubricates Dry Without Picking Up Debris
- Excellent for Sliders and Window Channels
- Many Automotive Uses



CRL Sprayway® Dry Silicone Lubricant and Release Agent lubricates window channels, doors, weatherstripping, trunk seals, car seat adjustment mechanisms, and more. It also acts like a release agent for plastic moldings. Use it to waterproof ignition system hinges, springs and casters, or to eliminate squeaks from fan belts.

CAT. NO.	NET WEIGHT	QTY/CASE
SW77	12 Oz. (340 g)	12

Minimum order: 1 each. All Aerosol Lubricants can be combined for quantity pricing.

Sprayway is a registered trademark of Claire-Sprayway, Inc.

CRL WD-40® Lubricant

MSDS ONLINE

NO AIR FREIGHT

- Heavy-Bodied Spray Lube Clings to Sprayed Areas, Giving Good Lubricating Performance
- Penetrates and Loosens Frozen Nuts, Bolts, and More
- Three Convenient Sizes



8 Oz. Aerosol With Smart Straw



16 Oz. Aerosol



Gallon Liquid

One of the most popular lubricants used in home, auto, and industrial applications, WD-40® lubricates and leaves an invisible film of protection against rust and corrosion. It penetrates to free frozen nuts, bolts, and more. It's clear, clean, and non-staining.

CAT. NO.	NET WEIGHT/CONTENTS	QTY/CASE
WD40	8 Oz. (226 g) Aerosol with Smart Straw	12
WD4018	16 Oz. (453 g) Aerosol	12
WD401	1 Gallon (3.785 l) Liquid	4

Minimum order: 1 each. All Aerosol Lubricants can be combined for quantity pricing.

CRL Polishing Oil

MSDS ONLINE

NO AIR FREIGHT

- Spray On Belts and Discs for Faster, Brighter Polishing
- Promotes Longer Belt Life





Spray CRL Polishing Oil on your abrasive belts and discs to keep them soft and free cutting. Helps to reduce "loading" while it improves finish edges on metal and glass. Spray directly on belt or abrasive wheel before starting, then re-apply lightly as needed. Gives you longer belt life and a brighter, faster polish.

CAT. NO.	NET WEIGHT	QTY/CASE
CRL920	11 Oz. (312 g)	12

Minimum order: 1 each. All Lubricants can be combined for quantity pricing.

CRL Tube Wax Lubricant

MSDS ONLINE

- Excellent for Use With CRL Sanding Belts and Discs
- Improves Finish and Performance
- Reduces Screw Breakage and Speeds the Installation





CRL Tube Wax Lubricant is a special formulation of solid waxes that comes in a convenient, soft stick. Use it for all sawing, grinding, drilling, tapping, sanding, and fastening operations to increase production quality and improve tool life.

CAT. NO.	NET WEIGHT	QTY/CASE
WS140	15 Oz. (425 g)	24

Minimum order: 1 each.

CRL LITH-EASE® White Lithium Grease

MSDS ONLINE

MORE INFORMATION crlaurence.com

- Long Lasting Lubricant With Many Automotive, Marine, and Shop Uses
- Excellent Water and Heat Resistance
- Easy to Use Sealed Cartridge



The CRL LITH-EASE® Grease Cartridge is a high quality white grease with superior resistance to heat and water. This cartridge fits our Cat. No. C1080 Grease Gun (online at crlaurence.com/lubricants)

CAT. NO.	NET WEIGHT	QTY/CASE
WL14	14.5 Oz. (411 g)	10

Minimum order: 1 each.

WD-40 is a registered trademark of WD-40 Manufacturing Company.
LITH-EASE is a registered trademark of American Grease Stick Company.

CRL Glas-Slip

- Rubber Lubricant for Easier Installation of Gaskets
- Helps With Installation and Centering of Gasket Set Glass

MSDS ONLINE





CAT. NO. GS32
Quart Can



CAT. NO. GS128
Gallon Can

CRL Glas-Slip is a specially formulated lubricant that makes working with glass and rubber gaskets easy. It's extra slippery and stays wet, so you can spread it on the entire gasket before you install the glass. Also makes the installation of filler strips quick and easy. Apply it with a brush or rag, or spread it on with your fingers. Glas-Slip comes in one gallon cans or handy quart size cans.

CAT. NO.	CONTENTS	QTY/CASE
GS32	32 Fl. Oz. (.945 l)	12
GS128	128 Fl. Oz. (3.785 l)	4

Minimum order: 1 each.

CRL Spray Mist Coolant

MSDS ONLINE

- Water Soluble, Easy Cleanup
- Increases Blade Life and Helps Produce Cleaner Cuts



CAT. NO. SMC20001

Use this water soluble CRL Spray Mist Coolant in machining and sawing all metals. It has a unique group of corrosion inhibitors, lubricants, and surface active materials blended to provide good saw life and give fine finishes. It is designed for dilution with water at a 40 to one ratio under normal use. Use with Cat. No. MCU270 Spray Mist Coolant Unit (online at crlaurence.com/lubricants).

CAT. NO.	CONTENTS	QTY/CASE
SMC20001	1 Gallon (3.785 l)	6
SMC20005	5 Gallons (18.9 l)	1

Minimum order: 1 each.

CRL Pneumatic Tool Oil

MSDS ONLINE

- Helps to Keep Your Air Tools Working Right



CRL Pneumatic Tool Oil can be used with most common pneumatic tools, and makes the job of maintaining optimum tool condition easy.

Comes in a 16 fl. oz. (472 ml) plastic bottle with a flip up lid for quick application.

CAT. NO.	CONTENTS	QTY/CASE
AK01L	16 Fl. Oz. (472 ml)	10

Minimum order: 1 each.

CRL Dry Graphite

MORE INFORMATION crlaurence.com

- Highly Refined Fine Powder
- Greaseless and Dripless



CAT. NO. MZ25
8 Ounce (225 g)
Bulk Bottle



CAT. NO. MZ21
1.76 Ounces (50 g)
Puffer Bottle

CRL Dry Graphite is highly refined into a finely powdered texture which provides superior dry lubrication. Use to unstick locks, doors, and windows; or to keep tools working easily. The puffer bottle is refillable from the 8 ounce (225 g) bulk bottle. Minimum order is one each.

CRL Krytox® High-Performance Lubricant



- Excellent for Stopping Persistent Squeaks in Automobiles, Machinery, Fixtures or Tools
- Insoluble in Common Solvents
- High Temperature Stability Up to 650°F (344°C)

CRL Krytox® High-Performance Lubricant is excellent for windshield molding and interior trim squeaks, and is compatible with plastics, rubber, ceramics, and metals. Krytox® Lubricant is also ideal for use on machinery, tools, bearings or virtually any area where lubrication is required. Since GPL205 Lubricant is fluorinated, it can be used around chemicals, and is non-flammable. It is safe to work with in almost any application.

CAT. NO.	CONTENTS	QTY/CASE
GPL205	1/2 Fl. Oz. (14.7 ml)	12

Minimum order: 1 each.

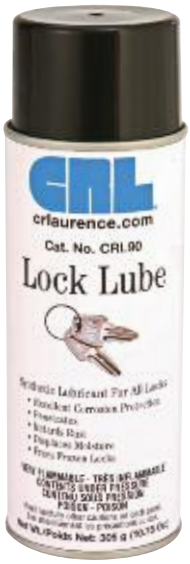
Krytox is a registered trademark of E.I. du Pont de Nemours and Company

CRL Lock Lubricant

MSDS ONLINE

NO AIR FREIGHT

- Lubricates and Penetrates
- Displaces Moisture and Retards Rust
- Contains No Ozone Depleting Chemicals



CRL Lock Lubricant is formulated to drive out moisture, retard corrosion, lubricate and penetrate rust on all metal lock parts as well as hinges, bolt threads, cables, and chains. This aerosol spray is harmless to paints, plastics, and fabrics. CRL90 is a non-conductor and does not contain silicones.

Save maintenance time and money by freeing sticky mechanisms with a quick spray through the applicator extension straw (included). Apply periodically for continuing protection against corrosion caused by humidity, electrolysis, salt water deposits, and industrial residues.

CAT. NO.	NET WEIGHT	QTY/CASE
CRL90	10.75 Oz. (305 g)	12

Minimum order: 1 each. All Aerosol Lubricants can be combined for quantity pricing.

CRL Spray Penetrant

MSDS ONLINE

NO AIR FREIGHT

- Penetrates Fast to Unstick Frozen Nuts, Bolts, and Machine Parts
- An Excellent Corrosion Preventative

MORE INFORMATION crlaurence.com



CRL Penetrating Oil works fast to unstick frozen parts. It lubricates parts and displaces moisture. An excellent corrosion preventative for tool and die steels and tool room equipment. Can be totally removed, if necessary, using common petroleum-based solvents.

CAT. NO.	NET WEIGHT	QTY/CASE
CRL960	12 Oz. (340 g)	12

Minimum order: 1 each. All Aerosol Lubricants can be combined for quantity pricing.

CRL 3M® Silicone Lubricant Plus (Wet Type)

MSDS ONLINE

NO AIR FREIGHT

- Seals Out Moisture and Prevents Sticking
- Works on Metal, Wood, Glass, Vinyl, and Painted Surfaces



CRL 3M™ Silicone Spray Lubricant Plus is designed to aid in the installation of rubber gasket-set windshields and backlights. Seals out moisture from a vehicle's distributor, ignition, spark plugs, and all auto electrical wiring. May also be applied to metal, glass, vinyl, wood, and painted surfaces.

CAT. NO.	NET WEIGHT	QTY/CASE
3M8877	9 Oz. (255 g)	12

Minimum order: 1 each. All Aerosol Lubricants can be combined for quantity pricing.

CRL 3M® Silicone Lubricant (Dry Type)

MSDS ONLINE

NO AIR FREIGHT

- Seals Out Moisture
- Prevents Squeaks and Sticking
- Excellent for Many Automotive Uses



CRL 3M™ Silicone Lubricant seals out moisture from a vehicle's distibutor, ignition, spark plugs, and all auto electrical wiring. It eliminates the squeaks and sticking caused by friction between moving parts, and fights corrosion on metals. You can also use it to preserve leather and rubber.

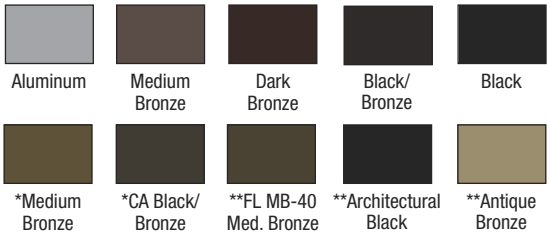
CAT. NO.	NET WEIGHT	QTY/CASE
3M8897	8 Oz. (228 g)	12

Minimum order: 1 each. All Aerosol Lubricants can be combined for quantity pricing.

3M is a registered trademark of 3M Company.

CRL Match-Up Paint

- **Used to Match-Up or to Cover Defects on Aluminum Finishes**



Colors shown are approximate

MSDS ONLINE

NO AIR FREIGHT



32 fl oz (946 ml) Quart Containers

MORE INFORMATION crlaurence.com



12 Oz. (340g) Aerosol Cans

Use CRL Match-Up Paint to touch up scratches or defects in duranodic or anodized aluminum finishes. Although it is not intended to replace those hard anodic architectural finishes, it is designed to correct or cover up coloring defects, scratches, or bare metal ends.

CRL Match-Up Paint can be applied at the job site, thus eliminating the need for costly dismantling and reassembling of the affected parts. The paint is highly durable, and will not crack, peel or discolor with age. Quart size containers can be applied by brush, dauber or powered sprayers (Cat. No. SG1010 Air Paint Spray Gun).

12 OZ. (340 G) AEROSOL CANS

CAT. NO.	COLOR	QTY/CASE
L4527	Aluminum	12
L6515	Medium Bronze	12
L4485	Dark Bronze	12
L5800	Black/Bronze	12
L3900	Black	12
3368521	*Medium Bronze	12
3368528	*California Black/Bronze	12
3368527	**Florida MB-40 Medium Bronze	12
3368533	**Architectural Black	12
3368538	**Antique Bronze	12

Minimum order: 1 each. Colors can be combined for quantity pricing.
* Former Somaca AlumaColor Finishes for Anodized Aluminum
** Former Somaca AlumaColor Finishes for Coated Aluminum

32 FL. OZ. (946 ML) QUART CONTAINERS

CAT. NO.	COLOR	QTY/CASE
L4527QT	Aluminum	6
L6515QT	Medium Bronze	6
L4485QT	Dark Bronze	6
L5800QT	Black/Bronze	6
L3900QT	Black	6

Minimum order: 1 quart. Colors can be combined for quantity pricing.

CRL Touch-Up Markers

MSDS ONLINE

- **High Gloss Paint**
- **Covers Up Scratches**
- **Great for Covering Screw Heads**



CAT. NO. TUM8
Medium Bronze



CAT. NO. TUM9
Black

CRL Touch-Up Markers will cover scratches on metal beautifully, and can be a real time saver to the glazier. They replace paint brushes or standard black felt tip markers better because they are actual high gloss paint. Positive-seal cap prevents the Markers from drying out. Minimum order is one each. Colors can be combined for quantity pricing.

CRL KRYLON® Spray Paint

- Fast Drying and Dust-Free in Less Than Five Minutes
- Fast Dry to Touch in Less Than 30 Minutes
- Excellent Appearance
- Good Leveling (Avoids "Orange Peel" Effect)



MSDS ONLINE

NO AIR FREIGHT

Made with the user in mind, CRL KRYLON® Spray Paint is easy to use. You need less skill to get a beautiful, smooth job without runs and drips than with other spray paints. It dries dust-free in five minutes, and can be handled in half an hour. You also can re-coat KRYLON® any time - it will never self-lift like many other paints. It offers these advantages: no brush to buy and clean (or discard); no mixing; no mixer to clean. Use what you need, store the rest, no evaporation, no skin to remove, will not thicken in the can. No lost time, because it's always ready-just shake it and spray. You get professional results every time - no brush marks. 12 ounce (340 g) cans. Minimum order is one can.

Crystal Clear	Bright Silver	Dull Aluminum	Glossy White
CAT. NO. KP1301	CAT. NO. KP1401	CAT. NO. KP1403	CAT. NO. KP1501
Flat White	**Glossy Black**	**Ultra-Flat Black**	**Brass**
CAT. NO. KP1502	CAT. NO. KP1601	CAT. NO. KP1602	CAT. NO. KP2202

Colors shown are approximate

CRL Professional Touch-Up Paint

MORE CHOICES crlaurence.com

MSDS ONLINE

NO AIR FREIGHT



Ideal for CRL Railings

These acrylic enamel paints come in 12 ounce (340 g) cans that are packed 12 per case. Minimum order is one can.



Sky White	Oyster White	Agate Gray	Beige Gray
CAT. NO. SP8W*	CAT. NO. SP80W*	CAT. NO. SP8AGY*	CAT. NO. SP8BGY*
Matte Black	**Matte Bronze**	**Forest Green**	**Silver Metallic**
CAT. NO. SP8BL*	CAT. NO. SP8BRZ*	CAT. NO. SP8GRN*	CAT. NO. SP8S*

*These colors shown are approximate and closely match the finishes of our Aluminum Railing System.

CRL KRYLON® Primers

Ruddy Brown

Color shown is approximate

MSDS ONLINE

NO AIR FREIGHT

- Primes Surfaces for Application of Krylon® Paint
- Dries to Touch in Only Five Minutes

This aerosol-applied CRL KRYLON® All-Purpose Primer builds up surfaces, smooths out irregularities, seals out moisture, and provides a uniform base for KRYLON® paint and other coatings. Use on unrusted metal, wood, ceramics, and more to ensure a good finish. Performs satisfactorily up to 300°F (149°C). 12 ounce (340 g) cans. Minimum order is one each.



CAT. NO. KP1317
Rust Primer



CAT. NO. KP1314
All Purpose Primer

CRL KRYLON® Glass Frosting

MSDS ONLINE

NO AIR FREIGHT

- Dries Fast
- Sprays Uniformly

CRL Glass Frosting gives a soft frosted effect on glass, plastic or other transparent materials. Permits light to enter and obscures outside vision; developed for one or more coat application and fast (15 minutes or less) drying time between coats. It is a decorative and useful coating on bathroom windows, lamps, shades, skylights, glass partitions, transoms, mirrors, table tops, greenhouses, shower doors, bottles, and bulbs, just leave it to your imagination. Allows glass to take pencil or crayon marks for tracing or artwork. Coverage: Approximately 20 square feet per 12 ounce (340 g) can. Minimum order is one each.



CAT. NO. GF816W

KRYLON is a registered trademark of SWIMC, Inc.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

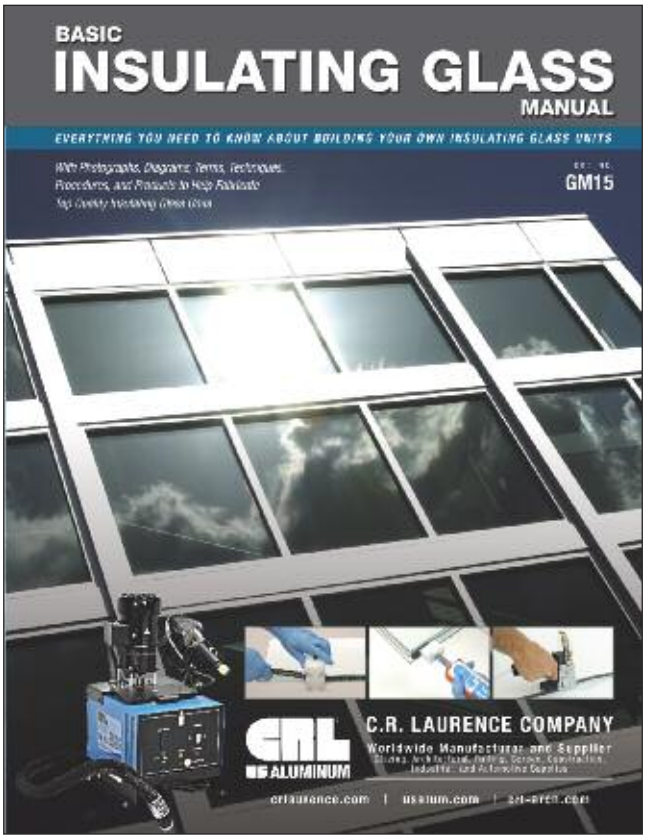
CRL Basic Insulating Glass Manual

- **Everything You Need to Know About Building Your Own Insulating Glass Units**
- **Explains What is Best for Your Application**
- **Easy to Follow Step-by-Step Instructions for First Time Fabricators**

This CRL Basic Insulating Glass Manual is specifically designed to help glass professionals become more familiar with the materials necessary for Insulating Glass fabrication. It takes you step-by-step through all methods of Insulating Glass production: single seal, dual seal, silicone, butyl, and polysulfide. The GM15 shows you different glazing techniques, including glazing adapters for retrofit work. The Manual also describes testing procedures you can use in your shop, and there is a section on Insulating Glass terms and definitions.

Since rising energy costs have created a huge market for Insulating Glass, you can use the Manual to expand your knowledge, and help your customers get a better grasp of which of the many fine CRL Insulating Glass products would be best for their needs.

For any questions regarding Insulating Glass equipment, supplies, or even for a quote on setting up a whole new IG line, please contact CRL Door and Window Department at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. Ask for Ext. 7520. You can send us an e-mail at **crlaurence.com/support**.

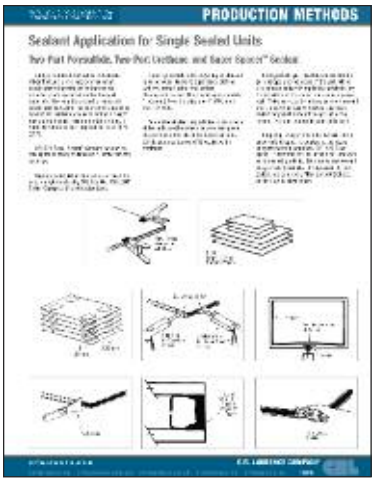


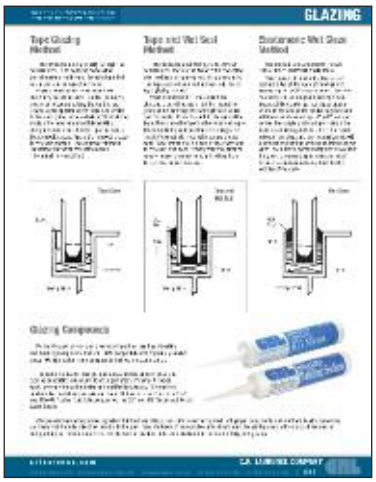
Minimum order is one each. CAT. NO. GM15

MORE INFORMATION crlaurence.com



- **Easy to Read and Understand Format**
- **Includes Photographs, Diagrams, Terms and Definitions, Techniques, Procedures, and Products to Help Fabricate Top Quality Insulating Glass Units**
- **Lists and Explains Required Materials, Production Methods, Glazing Guidelines, and Ordering Information**







We Make it Easy to Get Started With Our Insulating Glass Starter Kits

- Save Money and Time by Building Your Own Insulating Glass Units
- Eight Kits to Choose From - Basic to Deluxe
- Kits Available for Single Seal and Dual Seal Metal Spacers, Super Spacer®, and Duralite®
- Produce Units When Your Customers Need Them
- No Long Waits for Custom or Odd Shape Windows
- A Variety of Sealing Systems - Hot Melt Butyl, One-Part and Two-Part Polyurethanes, Two-Part Polysulfide, Silicone Sealant, and Duralite®

CRL Deluxe Insulating Glass Hot Melt Starter Kit

MORE INFORMATION crlaurence.com

- An Easy Way to Start Producing Quality Insulating Glass Units
- Kit Comes With Everything Needed for Production of Insulating Glass Units (Except the Glass)
- The SS96 is Our Most Popular Sealant Extruder



CAT. NO. D1GK7

This CRL Deluxe Insulating Glass Hot Melt Starter Kit comes with everything needed (except the glass) to produce quality Insulating Glass units. This Kit is ideal for anything from limited production to job site fabrication. Using our Hot Melt Butyl Dispensing Machine with standard Aluminum Spacers and Corners, quality Insulating Glass units can be produced within minutes of warming up the machine.

Aluminum Spacers (see page SF125) come in widths from 3/16" (4.8 mm) to 3/4" (19 mm), giving you the flexibility to fabricate Insulating Glass units in a variety of widths. This Kit comes with Spacers in the three popular widths, but others can be used.

The SS96 Hot Melt Butyl Extruder Machine is our best-selling hot melt gunning system. It dispenses our CRL30703 Hot Melt Butyl Cakes (see page SF123) to create a reliable edge seal. Brass Tip Nozzles apply the sealant evenly to assure uniformity and reduce waste. **NOTE:** For a 240V Australia only Hot Melt Butyl Extruder Machine order Cat. No. AU96.

For more information, contact our Door and Window Department, or go online at **crlaurence.com/IG**.

KIT NO. D1GK7 INCLUDES

CAT. NO.	DESCRIPTION	QUANTITY
SS96	Hot Melt Butyl Extruder Machine 110V AC	1 Each
CRL30703	Hot Melt Butyl Cakes	96 lbs (43.5 kg)
MSD50B	55 Pound (25 kg) Box Molecular Sieve	1 Box
3935	1/4" (6.3 mm) Single Seal Aluminum Spacer	50 each 12'8" Lengths
3937	3/8" (9.5 mm) Single Seal Aluminum Spacer	25 each 12'8" Lengths
3939	1/2" (12.7 mm) Single Seal Aluminum Spacer	50 each 12'8" Lengths
6265	1/4" (6.3 mm) Single Seal Spacer Corners	200 Each
6267	3/8" (9.5 mm) Single Seal Spacer Corners	100 Each
6269	1/2" (12.7 mm) Single Seal Spacer Corners	200 Each
1550	Lint Free Wipes	1 Case (900 Wipes)
695	Concentrated Glass Cleaner	1 Gallon (3.785 l)
DB21	Plastic Spray Bottles	2 Each
1BK990	Hot Melt Butyl Trim Knife 110V AC	1 Each
BN4	1/4" (6.3 mm) Brass Nozzle	1 Each
BN6	3/8" (9.5 mm) Brass Nozzle	1 Each
BN8	1/2" (12.7 mm) Brass Nozzle	1 Each
NG171	Lint Free Gloves (Large)	1 Dozen Pairs
321W	White Siliconized Acrylic Latex Glazing Sealant	10 Cartridges
321GRY	Gray Siliconized Acrylic Latex Glazing Sealant	10 Cartridges
JC3202HT	Plastic Tipped Handy Clamps	12 Each
GM15	Basic Insulating Glass Manual	1 Each

Minimum order: 1 each. Must ship common carrier only.

Super Spacer and Duralite are registered trademarks of Quanex Building Products Corporation.

CRL Silicone Foam and Metal Spacer Insulating Glass Sealant Starter Kit With Super Spacer®

MORE INFORMATION crlaurence.com

- Includes Everything Needed to Fabricate High Quality Insulating Glass Units
- Comes Complete With Over 300 Feet (91 m) of Super Spacer®
- Easily Adapts to All Shapes and Sizes of Glass





CAT. NO. S1GK877

KIT NO. S1GK877 INCLUDES:

CAT. NO.	DESCRIPTION	QUANTITY
877	Silicone Foam and Metal Spacer I.G. Sealant	12 Cartridges
SS1466	1/4" (6.3 mm) Super Spacer® 66' (20 m) roll	2 Rolls
SS3866	3/8" (9.5 mm) Super Spacer® 66' (20 m) roll	1 Roll
SS1266	1/2" (12.7 mm) Super Spacer® 66' (20 m) roll	2 Rolls
SSHN	Super Spacer® Hand Notcher	1 Each
1550	Lint Free Wipes	1 Case (900 Wipes)
695	Concentrated Glass Cleaner	1 Gallon (3.785 l)
DB21	Plastic Spray Bottles	2 Each
SGT14	1/4" (6.3 mm) Sealant Guide	1 Each
SGT38	3/8" (9.5 mm) Sealant Guide	1 Each
SGT12	1/2" (12.7 mm) Sealant Guide	1 Each
GM15	Basic Insulating Glass Manual	1 Each

Minimum order: 1 each.

• Our Most Popular Starter Kit

This CRL Silicone Foam and Metal Spacer Insulating Glass Sealant Starter Kit with Super Spacer® contains everything needed to produce condensation-free perimeter edges which substantially reduces overall window heat loss. Super Spacer® allows you to build Insulating Glass units in shapes not permitted by metal spacers. The silicone foam contains a high quantity (40% by weight) of 3A molecular sieve desiccant, and the permeability of the foam allows for fast moisture pick up. Our 877 Sealant forms an airtight seal and is compatible with units fabricated with Super Spacer®.

CRL Single Seal, Two-Part Polysulfide Insulating Glass Starter Kit



CAT. NO. S1GK550

This CRL Single Seal, Two-Part Polysulfide Insulating Glass Starter Kit is one of the most economical ways to start fabricating Insulating Glass units. Simply insert corners into the spacer, fill spacers with molecular sieve, add your glass, clamp together, apply the CRL Two-Part Polysulfide, let cure overnight and you're ready for installation. With this system any demand can be responded to immediately; simply measure, fabricate, allow the sealant to cure, and install the next day.

Super Spacer is a registered trademark of Quanex Building Products Corporation.

- Apply Two-Part Polysulfide With Brush, Gun, or Trowel
- Hardens as it Cures
- Easy to Assemble and Use



KIT NO. S1GK550 INCLUDES:

CAT. NO.	DESCRIPTION	QUANTITY
N400G15	Two-Part Polysulfide Sealant (1.5 Gallon Pail)	4 Pails
MSD5	5 Pound (2.2 kg) Can Molecular Sieve	2 Cans
3935	1/4" (6.3 mm) Single Seal Aluminum Spacer	50 Each 12'8" Lengths
3937	3/8" (9.5 mm) Single Seal Aluminum Spacer	25 Each 12'8" Lengths
3939	1/2" (12.7 mm) Single Seal Aluminum Spacer	50 Each 12'8" Lengths
6265	1/4" (6.3 mm) Single Seal Spacer Corners	200 Each
6267	3/8" (9.5 mm) Single Seal Spacer Corners	100 Each
6269	1/2" (12.7 mm) Single Seal Spacer Corners	200 Each
1550	Lint Free Wipes	1 Case (900 Wipes)
695	Concentrated Glass Cleaner	1 Gallon (3.785 l)
DB21	Plastic Spray Bottles	2 Each
NG171	Lint Free Gloves (Large)	1 Dozen Pairs
321W	White Siliconized Acrylic Latex Glazing Sealant	10 Cartridges
321GRY	Gray Siliconized Acrylic Latex Glazing Sealant	10 Cartridges
JC3202HT	Plastic Tipped Handy Clamps	12 Each
GM15	Basic Insulating Glass Manual	1 Each

Minimum order: 1 each. Must ship common carrier only.

CRL Deluxe Super Spacer® Insulating Glass Starter Kit

- **A Great Way to Get Started With "Warm Edge" Technology**
- **Great for Art Glass Panels**



This state-of-the-art kit comes with everything you need (except the glass) to build Insulating Glass units, whether they are square, rectangular, or even circular, all without the use of a spacer bending machine.

The superior insulating foam essentially eliminates perimeter edge condensation and substantially reduces overall window heat loss. This flexible spacer also accommodates glass bowing and thermal movement. Excellent sound insulation properties add to the list of Super Spacer's attributes. Finally, there is no adsorbent to add because there is a high quantity of 3A molecular sieve already inside of Super Spacer's quality silicone foam.

The Kit also comes with a CRL SS96 Hot Melt Butyl Dispensing Machine, which is the fastest way to produce Insulating Glass units. We include 96 pounds of CRL30703 Butyl, which is the only butyl recommended for use in this machine. The SS96 features an all-mechanical system which doesn't use any air, so there is less down time and more production. The 8' (2.4 m) dispensing hose heats from 350-450˚F (177-232˚C), delivering the butyl at optimum temperature.

NOTE: For a 240V Australia only Hot Melt Butyl Extruder Machine order Cat. No. AU96.

MORE INFORMATION crlaurence.com

KIT NO. D1GK88 INCLUDES: **CAT. NO. D1GK88**

CAT. NO.	DESCRIPTION	QUANTITY
SS96	Hot Melt Butyl Extruder Machine 110V AC	1 Each
CRL30703	Hot Melt Butyl Cakes	96 lbs. (43.5 kg)
SS1466	1/4" (6.3 mm) Super Spacer® 66' (20 m) roll	8 Rolls
SS3866	3/8" (9.5 mm) Super Spacer® 66' (20 m) roll	4 Rolls
SS1266	1/2" (12.7 mm) Super Spacer® 66' (20 m) roll	8 Rolls
SSHN	Super Spacer® Hand Notcher	1 Each
1550	Lint Free Wipes	1 Case (900 Wipes)
695	Concentrated Glass Cleaner	1 Gallon (3.785 l)
DB21	Plastic Spray Bottles	2 Each
1BK990	Hot Melt Butyl Trim Knife 110V AC	1 Each
BN4	1/4" (6.3 mm) Brass Nozzle	1 Each
BN6	3/8" (9.5 mm) Brass Nozzle	1 Each
BN8	1/2" (12.7 mm) Brass Nozzle	1 Each
NG171	Lint Free Gloves (Large)	1 Dozen Pairs
GM15	Basic Insulating Glass Manual	1 Each

Minimum order: 1 each. Must ship common carrier only.

CRL "Hardman" Gun and Hot Melt Butyl Insulating Glass Starter Kit

SINGLE SEAL WITH HOT MELT BUTYL ROPE AND HARDMAN GUN

- **Hardman Hot Melt Butyl Gun is Portable, and Lets You Use Only What You Need**



This Kit is perfect for the glass shop that needs to produce Insulating Glass units on an occasional "as needed" basis, or for someone who needs to do their work in different locations from time to time. The CRL "Hardman" Insulating Glass Hot Melt Butyl Starter Kit is also a great way to start a small production system for fabricating Insulating Glass units.

KIT NO. D1GK913 INCLUDES: **CAT. NO. D1GK913**

CAT. NO.	DESCRIPTION	QUANTITY
HEG522	"Hardman" Extruder Gun 110V AC	1 Each
N415	Hot Melt Butyl Rope	8 Rolls
RH522	Hot Melt Butyl Rope Holder	1 Each
MSD5	5 Pound (2.2 kg) Can Molecular Sieve	2 Cans
3935	1/4" (6.3 mm) Single Seal Alum. Spacer	50 Each 12'8" Lengths
3937	3/8" (9.5 mm) Single Seal Alum. Spacer	25 Each 12'8" Lengths
3939	1/2" (12.7 mm) Single Seal Alum. Spacer	50 Each 12'8" Lengths
6265	1/4" (6.3 mm) Single Seal Spacer Corners	200 Each
6267	3/8" (9.5 mm) Single Seal Spacer Corners	100 Each
6269	1/2" (12.7 mm) Single Seal Spacer Corners	200 Each
1550	Lint Free Wipes	1 Case (900 Wipes)

CAT. NO.	DESCRIPTION	QUANTITY
695	Concentrated Glass Cleaner	1 Gallon (3.785 l)
DB21	Plastic Spray Bottles	2 Each
E9133	Brass Nipple	1 Each
BN4	1/4" (6.3 mm) Brass Nozzle	1 Each
BN6	3/8" (9.5 mm) Brass Nozzle	1 Each
BN8	1/2" (12.7 mm) Brass Nozzle	1 Each
NG171	Lint-Free Gloves (Large)	1 Dozen Pairs
321W	White Siliconized Acrylic Latex Glazing Sealant	10 Cartridges
321GRY	Gray Siliconized Acrylic Latex Glazing Sealant	10 Cartridges
JC3202HT	Plastic Tipped Handy Clamps	12 Each
GM15	Basic Insulating Glass Manual	1 Each

Minimum order: 1 each. Must ship common carrier only.

Super Spacer is a registered trademark of Quanex Building Products Corporation.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Dual Seal Silicone With Polyisobutylene Insulating Glass Starter Kit



CAT. NO. S1GK344

- Fabricate Units With Two High Performance Sealants
- Dual Seal Systems Withstand Intense Weather Conditions



This CRL Dual Seal Insulating Glass Starter Kit has all the components necessary to fabricate Dual Seal Insulating Glass units. Polyisobutylene, a one-part, non-drying, non-hardening ribbon material with exceptionally low vapor transmission and non-fogging characteristics, forms the primary seal. Insulating Glass Silicone (applied with a standard caulking gun), specifically formulated for bonding and sealing Insulating Glass units, makes the secondary seal. The Dual Seal Spacer is grooved on the shoulder, allowing it to accept the Polyisobutylene Tape, while the taper below the shoulder will accept the silicone secondary seal.

KIT NO. S1GK344 INCLUDES:

CAT. NO.	DESCRIPTION	QUANTITY
2132559	Polyisobutylene Tape	1 Case
9542	Insulating Glass Silicone	48 Cartridges
MSD5	5 Pound (2.2 kg) Can Molecular Sieve	2 Cans
99125	1/4" (6.3 mm) Dual Seal Alum. Spacer	50 each 12'8" Lengths
99127	3/8" (9.5 mm) Dual Seal Alum. Spacer	25 each 12'8" Lengths
99129	1/2" (12.7 mm) Dual Seal Alum. Spacer	50 each 12'8" Lengths
92175	1/4" (6.3 mm) Dual Seal Spacer Corners	200 Each
92177	3/8" (9.5 mm) Dual Seal Spacer Corners	100 Each
92179	1/2" (12.7 mm) Dual Seal Spacer Corners	200 Each
1550	Lint Free Wipes	1 Case (900 Wipes)
695	Concentrated Glass Cleaner	1 Gallon (3.785 l)
DB21	Plastic Spray Bottles	2 Each
NG171	Lint Free Gloves (Large)	1 Dozen Pairs
321W	White Siliconized Acrylic Latex Glazing Sealant	10 Cartridges
321GRY	Gray Siliconized Acrylic Latex Glazing Sealant	10 Cartridges
JC3202HT	Plastic Tipped Handy Clamps	12 Each
GM15	Basic Insulating Glass Manual	1 Each

Minimum order: 1 each. Must ship common carrier only.

CRL Polyurethane Sealant Insulating Glass Starter Kit With Super Spacer®

- Everything You Need to Fabricate Quality Insulating Glass Units Using Super Spacer®
- Comes Complete With Over 300 Feet (91 m) of Super Spacer®
- Uses Two-Part Polyurethane Sealant



KIT NO. S1GK600 INCLUDES:

CAT. NO.	DESCRIPTION	QUANTITY
N600G15	Two-Part Polyurethane Sealant 1.5 Gallon Pail	1 Pail
SS1466	1/4" (6.3 mm) Super Spacer® 66' (20 m) roll	2 Rolls
SS3866	3/8" (9.5 mm) Super Spacer® 66' (20 m) roll	1 Rolls
SS1266	1/2" (12.7 mm) Super Spacer® 66' (20 m) roll	2 Rolls
SSHN	Super Spacer® Hand Notcher	1 Each
1550	Lint Free Wipes	1 Case (900 Wipes)
695	Concentrated Glass Cleaner	1 Gallon (3.785 l)
DB21	Plastic Spray Bottles	2 Each
MX40	Sealant Mixer	1 Each
4104	1-1/2" (38 mm) Putty Knife	1 Each
GM15	Basic Insulating Glass Manual	1 Each

Minimum order: 1 each.

Super Spacer is a registered trademark of Quanex Building Products Corporation.

MORE INFORMATION crlaurence.com



CAT. NO. S1GK600

This CRL Insulating Glass Starter Kit features CRL Super Spacer®, the superior insulating foam that eliminates perimeter edge condensation and substantially reduces overall window heat loss. CRL Super Spacer® allows you to build Insulating Glass units in shapes not permitted by metal spacers. The silicone foam contains a high quantity of 3A molecular sieve desiccant, and the permeability of the foam allows for fast moisture pickup. Our Two-Part Polyurethane Sealant forms an airtight seal, and is compatible with units fabricated with Super Spacer®.

CRL Insulating Glass Starter Kit With Duralite®

MORE INFORMATION crlaurence.com

- **Includes Everything Needed to Fabricate High Quality Insulating Glass Units**
- **Comes With 330 Feet (100 m) of Duralite®**
- **Easily Adapts to All Shapes and Sizes of Glass**

This CRL Insulating Glass Starter Kit With Duralite® contains everything needed to produce condensation-free perimeter edges that substantially reduce overall window U-Value. It is a complete package that will get you into the business of producing high-quality Insulating Glass units to meet your customer's demands.

Duralite® allows you to build Insulating Glass units in shapes not permitted by metal spacers. The patented technology incorporates unique materials and a breakthrough in continuous composite manufacturing processes.

This advanced technology offers a higher performance spacer system at a competitive price. Duralite® takes optimum advantage of laminates and adhesives to reduce thermal conductivity while improving surface and corner appearance over other Insulating Glass spacers.



CAT. NO. S1GKDS66

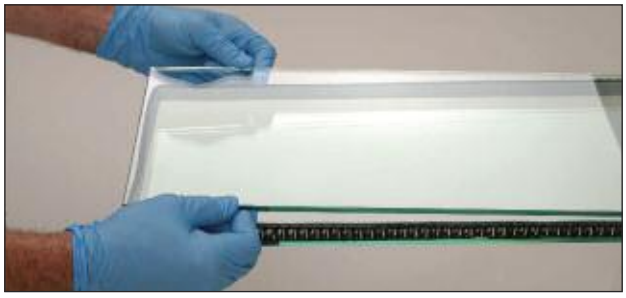
KIT NO. S1GKDS66 INCLUDES:

CAT. NO.	DESCRIPTION	QUANTITY
DS6614	1/4" (6.3 mm) Duralite® 66' (20 m) Roll	2 Rolls
DS6638	3/8" (9.5 mm) Duralite® 66' (20 m) Roll	1 Roll
DS6612	1/2" (12.7 mm) Duralite® 66' (20 m) Roll	2 Rolls
DSPT1	Duralite® Peak Tool Applicator	1 Each
TL2	Duralite® Quartz Heat Lamp 110V AC	1 Each
1550	Lint Free Shop Wipes	1 Case (900 Wipes)
695	Concentrated Glass Cleaner	1 Gallon (3.785 l)
DB21	Plastic Spray Bottles	2 Each
NG171	Lint Free Gloves (Large)	1 Dozen Pairs
JC3202HT	Plastic-Tipped 6" Handy Clamps	24 Each
M3R	Straight Cut Snips	1 Each
GM15	Basic Insulating Glass Manual	1 Each

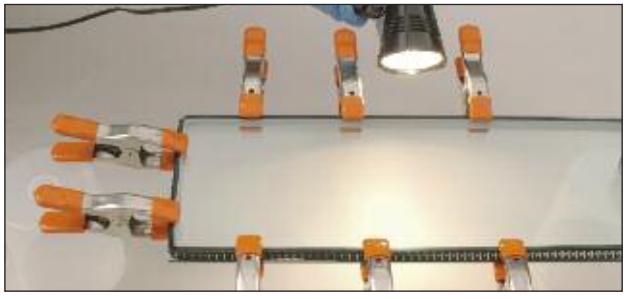
Minimum order: 1 each.



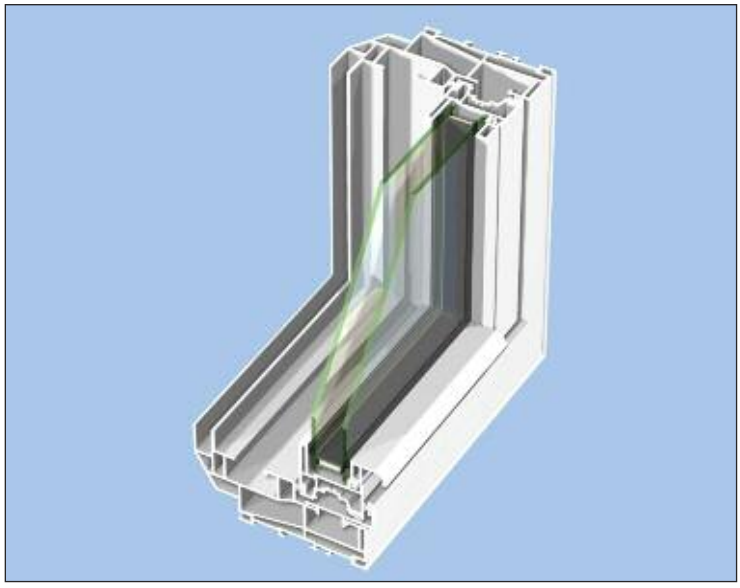
Apply Duralite® to clean glass surface with DSPT1 Applicator or by hand.



Index second piece of clean glass and press on to Duralite®.



Apply spring clamps or mechanical press with heat lamp to seal the unit.

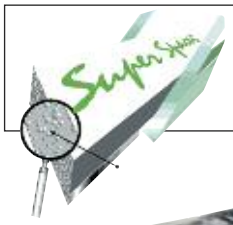


Duralite is a registered trademark of Quanex Building Products Corporation.

CRL INSULATING GLASS SUPPLIES

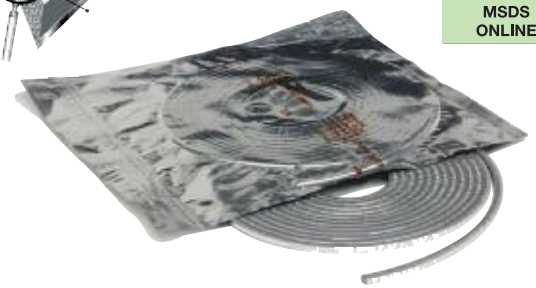
CRL Edgetech Super Spacer®

- The Most Versatile Spacer Available
- Allows Simultaneous Production of Regular and Special Shaped Insulating Glass Units
- Save Production Time - No Desiccant Beads to Add or Corner Keys to Assemble
- No Heat Compression Required
- Low Profile Spacer
- Multi-Layer Vapor Barrier is Continuous at Corners
- Available in Gray or Black



Magnification of non-metal structural foam shows millions of tiny insulating air pockets. This structural foam material has been shown to conduct heat at a rate over 950 times lower than that of aluminum, and 85 times less than that of stainless steel.

MSDS ONLINE



CAT. NO.	COLOR	WIDTH	THICKNESS	ROLL LENGTH
SS31666	Gray	3/16" (4.8 mm)	1/4" (6.3 mm)	66' (20.1 m)
SS1466	Gray	1/4" (6.3 mm)	1/4" (6.3 mm)	66' (20.1 m)
SS51666	Gray	5/16" (7.9 mm)	1/4" (6.3 mm)	66' (20.1 m)
SS3866	Gray	3/8" (9.5 mm)	1/4" (6.3 mm)	66' (20.1 m)
SS71666	Gray	7/16" (11.1 mm)	1/4" (6.3 mm)	66' (20.1 m)
SS1266	Gray	1/2" (12.7 mm)	1/4" (6.3 mm)	66' (20.1 m)
SS91666	Gray	9/16" (14.3 mm)	1/4" (6.3 mm)	66' (20.1 m)
SS5866	Gray	5/8" (15.9 mm)	1/4" (6.3 mm)	66' (20.1 m)
SS3466	Gray	3/4" (19 mm)	1/4" (6.3 mm)	66' (20.1 m)

Minimum order: 1 roll. Colors and sizes can be combined for quantity pricing.

CAT. NO.	COLOR	WIDTH	THICKNESS	ROLL LENGTH
SS31666BL	Black	3/16" (4.8 mm)	3/16" (4.8 mm)	66' (20.1 m)
SS1431666BL	Black	1/4" (6.3 mm)	3/16" (4.8 mm)	66' (20.1 m)
SS1466BL	Black	1/4" (6.3 mm)	1/4" (6.3 mm)	66' (20.1 m)
SS51666BL	Black	5/16" (7.9 mm)	1/4" (6.3 mm)	66' (20.1 m)
SS3866BL	Black	3/8" (9.5 mm)	1/4" (6.3 mm)	66' (20.1 m)
SS1266BL	Black	1/2" (12.7 mm)	1/4" (6.3 mm)	66' (20.1 m)
SS91666BL	Black	9/16" (14.3 mm)	1/4" (6.3 mm)	66' (20.1 m)
SS5866BL	Black	5/8" (15.9 mm)	1/4" (6.3 mm)	66' (20.1 m)
SS3466BL	Black	3/4" (19 mm)	1/4" (6.3 mm)	66' (20.1 m)

Minimum order: 1 roll. Colors and sizes can be combined for quantity pricing.

CRL Super Spacer® Hand Notcher

- Easy-to-Use Tool Simplifies Corner Notching
- Assures Consistent Placement of Super Spacer®
- Adjustable to All Super Spacer® Widths





CAT. NO.
SSHN
Minimum order is one each

CRL TruSeal® Duralite®

- Complete Spacer and Sealant in One Tape
- Contains No Metal for Improved Warm Edge Thermal Performance
- EnergySTAR® Labeled Technology
- Improved Condensation Resistance
- Reduced Total Window U-Value
- Superior Argon Gas Retention

MORE INFORMATION
crlaurence.com

SPEC. DATA ONLINE

MSDS ONLINE

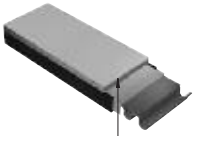




Spacer Sub-Assembly
A unique multi-component spacer that is bendable yet incompressible and stable



Bondline Adhesive
Proprietary high performance adhesive providing exceptional resistance to gas and moisture vapor transmission



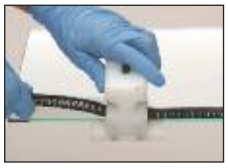
Desiccated Topcoat
Desiccant concentrated in the top layer provides rapid dew point suppression

CAT. NO.	COLOR	WIDTH	ROLL LENGTH
DS6614	Gray	1/4" (6.3 mm)	66' (20.1 m)
DS66516	Gray	5/16" (7.9 mm)	66' (20.1 m)
DS6638	Gray	3/8" (9.5 mm)	66' (20.1 m)
DS66716	Gray	7/16" (11.1 mm)	66' (20.1 m)
DS6612	Gray	1/2" (12.7 mm)	66' (20.1 m)
DS66916	Gray	9/16" (14.3 mm)	66' (20.1 m)
DS6658	Gray	5/8" (15.9 mm)	66' (20.1 m)
DS6634	Gray	3/4" (19 mm)	66' (20.1 m)

Minimum order: 1 roll. Sizes can be combined for quantity pricing.

CRL Duralite® Peak Tool

- Aids in Consistent Application of Duralite®
- Indexes Edge of Glass for Improved Sightlines





CAT. NO.
DSPT1
Minimum order is one each

Super Spacer, TruSeal, and Duralite are registered trademarks of Quanex Building Products Corporation.
EnergySTAR is a registered trademark of The United States Environmental Protection Agency.

CRL Silicone Foam and Metal Spacer I.G. Sealant

SPEC. DATA ONLINE

MSDS ONLINE



- **Fast Cure Black Urethane Compatible With Super Spacer®**
- **Easy, Inexpensive Way to Make Low Production, High Quality Insulating Glass Units**

CAT. NO. 877

10.3 Fl. Oz. (304 ml);
12 Cartridges per Case

Silicone Foam and Metal Spacer I.G. Sealant is a single component urethane for the fabrication of quality single seal insulating glass units. Simply attach a SGT Polyethylene Sealant Guide to match your Super Spacer® width and backfill to the edge of the glass. Cat. No. 877 is a special low-solvent formulation that is made to be compatible with Super Spacer's adsorbent, and does not require a polyisobutylene primary seal. Cat. No. 877 may also be used with adsorbent filled aluminum spacers. Minimum order is one each. All cartridge sealants can be combined for quantity pricing.

MORE INFORMATION
crlaurence.com

CRL 9542 Insulating Glass Silicone Sealant

SPEC. DATA ONLINE

MSDS ONLINE



- **Specially Formulated for the Manufacture of Dual Seal Insulating Glass Units**
- **Excellent Glass-to-Glass Adhesion**

CAT. NO. 9542

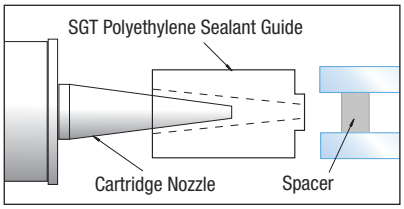
10.3 Fl. Oz. (304 ml);
30 Cartridges per Case

CRL 9542 Insulating Glass Silicone is a single component, neutral cure black silicone glass sealant specifically designed for producing long lasting insulating glass units when used with a primary seal of polyisobutylene (page SF123). 9542 contains adhesion promoting additives for excellent glass-to-glass adhesion, and is resistant to ultraviolet light and weather extremes. Minimum order is one each. All cartridge sealants can be combined for quantity pricing.

CRL Polyethylene Sealant Guides

- **Fit on Tapered Nozzles for Insulating Glass Sealants**
- **Sizes From 3/16" to 3/4" (4.8 to 19 mm)**





POLYETHYLENE SEALANT GUIDES

CAT. NO.	SIZE
SGT316	3/16" (4.8 mm)
SGT14	1/4" (6.3 mm)
SGT516	5/16" (7.9 mm)
SGT38	3/8" (9.5 mm)
SGT12	1/2" (12.7 mm)
SGT58	5/8" (15.9 mm)
SGT34	3/4" (19 mm)

Minimum order: 1 each. Sizes can be combined for quantity pricing.

CRL Two-Part Polysulfide Insulating Glass Sealant

CRL Two-Part Polysulfide Insulating Glass Sealant maintains outstanding adhesion to glass, aluminum, and other spacer and corner materials under the most severe weather conditions.

SPEC. DATA ONLINE

MSDS ONLINE



CAT. NO. N4005GL



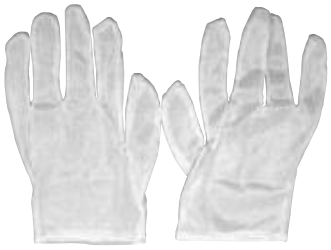
CAT. NO. N400G15

CAT. NO.	COLOR	CONTENTS
N400G15	Black	1-1/2 Gallons (5.7 l)
N4005GL	Black	5 Gallons (18.9 l)
N40055GL	Black	55 Gallons (208.2 l)

Minimum order: 1 each. N40055GL ships via common carrier F.O.B. Delaware.

CRL Lint Free Nylon Gloves

- **A Must for Insulating Glass Fabrication**
- **Keeps Fingerprints Off Glass**





CAT. NO.	SIZE
NG170	Small
NG171	Large

Minimum order: 1 dozen pairs.

See page TE083 for more Disposable Gloves.

Super Spacer is a registered trademark of Quanex Products Corporation.

CRL SS96 Hot Melt Butyl Gunning System

- An Efficient Machine for Insulating Glass Fabrication
- Dispenses CRL30703 Hot Melt Butyl Cakes
- Includes 8' (2.4 m) Flexible Hose and Handgun
- Our Most Popular Model

MORE INFORMATION crlaurence.com



SS96 SPECIFICATIONS

ELECTRICAL
Voltage - 115 VAC, 60 Hz with ground
240V Models Available on Special Order
Wattage - 1265 Watts
Motor Rating - 1/6 hp, gearbox
38 rpm output
Warm-Up Time - 45 to 60 minutes

FUNCTIONAL
Melt Rate - 8 lbs. (3.6 kg)/hour
Pump Output Rate (Maximum) - 40 lbs. (18.1 kg)/hour
Tank Temperature Range - 100-425°F (37-217°C)
Tank Capacity – 10 Lb. (4.5 kg)
Gun/Hose Temperature Range - 350-450°F (177-232°C)
Shipping Weight - 120 lbs. (54 kg)

CAT. NO.	DESCRIPTION
SS96	Hot Melt Butyl Gunning System
SS26263N	8' (2.4 m) Replacement Heated Hose
SS75085000	Replacement Handgun Assembly

Minimum order: 1 each. SS96 must ship common carrier only. Brass Tip Nozzles sold separately (see below).

CRL Hot Melt Butyl Cakes

- Convenient Cake Form is Easy to Use for Smaller Pumps

SPEC. DATA ONLINE

MSDS ONLINE



CAT. NO.	APPROX. SIZE	WEIGHT/CASE
CRL30703	7-1/2" x 4" x 2-1/2" (190 x 102 x 63.5 mm)	48 lbs (22 kg)

Minimum order: 48 pounds. Must be ordered in increments of 48 pounds.

CRL Hot Melt Butyl Chunks

- Fit All Large Hot Melt Butyl Dispensers

SPEC. DATA ONLINE

MSDS ONLINE



CAT. NO.	APPROX. SIZE	WEIGHT/CASE
CRL30706	2-1/2" x 6" x 7-1/2" (63.5 x 152 x 190 mm)	48 lbs (22 kg)
N420LB	3" x 6" x 7-1/2" (76 x 152 x 190 mm)	50 lbs (23 kg)

Minimum order: 48 pounds for CRL30706 and 50 pounds for N420LB. Must be ordered in those increments.

CRL Insulating Glass Hot Trim Knife

- Speeds Up I.G. Unit Production
- Trim Units and Cut Slabs
- Works on Standard 110V AC Power



CAT. NO.	DESCRIPTION
1BK990	Hot Trim Knife With Tip
RT90	Replacement Tip

Minimum order: 1 each.

CRL Brass Tip Nozzles

- Speeds the Application of Insulating Glass Sealant
- Made From Solid Brass



Brass Tip Nozzle

CAT. NO.	SIZE
BN3	3/16" (4.8 mm)
BN4	1/4" (6.3 mm)
BN5	5/16" (7.9 mm)
BN6	3/8" (9.5 mm)
BN7	7/16" (11.1 mm)
BN8	1/2" (12.7 mm)
BN10	5/8" (15.9 mm)
BN12	3/4" (19 mm)

Minimum order: 1 each.

CRL Polyisobutylene Primary Seal

- Used to Manufacture Dual Seal Insulating Glass Units
- Exceptional Low Vapor Transmission
- 3/32" (2.4 mm) Diameter

MSDS ONLINE



POLYISOBUTYLENE TAPE

CAT. NO.	ROLL LENGTH	ROLLS/CASE	FEET/CASE
2132559	210' (64 m)	10	2100' (640 m)

Minimum order: 1 case.

POLYISOBUTYLENE SLUGS

CAT. NO.	SIZE	WEIGHT	SLUGS/CASE
BK129	7-1/2" Dia. (190 mm) x 9" (229 mm)	15 lbs. (6.8 kg)	4

Minimum order: 1 case.

CRL Hot Melt Extruder Gun

- Variable Extrusion Rates to 1/2 Pound Per Minute
- Two to Four Minutes Start-Up Time
- Lightweight and Portable
- Variable Temperature Setting From 200 to 400°F (93 to 204°C)



CAT. NO. HEG522
Hot Melt Extruder Gun
Minimum order is one each
Butyl Rope Holder is sold separately (Cat. No. RH522)

MORE INFORMATION
crlaurence.com

CRL Hot Melt Butyl Rope

- Rope Form for Use in CRL HEG522 Hot Melt Extruder Gun
- Approx. 551' (16.8 m) Long



CAT. NO. N415
Hot Melt Butyl Rope
Minimum order is one roll

CRL Aztech Mini Hot Melt Butyl Dispensing System

- Fast Heat-Up Time; 200°F to 400°F (93 to 204°C) Operating Range
- Used to Dispense CRL30703, CRL30706, and N420LB Chunk or Chip Form Hot Melt Butyl
- 8' (2.4 m) Gunning Hose and a Trigger Actuated Hand Gun

MEASUREMENTS
Width: 19" (482 mm)
Height: 16" (406 mm)
Length: 24" (609 mm)
Weight: 90 Lbs. (40.8 kg)

CAT. NO. ATXM1
Minimum order is one each
F.O.B. Somerville, New Jersey



Stand with Casters Sold Separately.
CAT. NO. ATXS

CRL Aztech Mini Hot Melt Butyl Dispensing System

- For Heating and Dispensing CRL30706 and N420LB Hot Melt Butyl in Chip, Chunk, or Slug Form
- Adjustable Temperature Control
- Steel Braided 12' (3.7 m) Hose
- Operates on 220 Volts

MEASUREMENTS
Width: 30" (762 mm)
Height: 19" (482 mm)
Length: 31" (787 mm)
Weight: 180 Lbs. (81.6 kg)

CAT. NO. ATX11
Minimum order is one each
F.O.B. Somerville, New Jersey



Stand with Casters Sold Separately.
CAT. NO. ATXS

CRL Desiccant Filling Machine

- 12 Gallon Storage Container
- Fills Up to 35 Spacers at Once
- Adjustable Working Height
- All Steel Construction
- Electric Vibrator
- Requires 110V AC Source
- Ships Knocked Down

MEASUREMENTS
Width: 20-1/2" (520 mm)
Height: 96" (2438 mm)
Length: 48" (1219 mm)
Weight: 255 lbs. (116 kg)

CAT. NO. EDFM
Minimum order is one each
F.O.B. Red Oak, Texas



CRL Single Seal Aluminum Spacers

- Laser Welded Spacers Are Available in Two Finishes



SINGLE SEAL SPACER

Universal Thickness for these Single Seal Spacers is .325" (8.3 mm)

Clear Anodized

Bronze Anodized

CLEAR ANODIZED CAT. NO.	BRONZE ANODIZED CAT. NO.	SPACER WIDTH	QTY/CASE
3934	3934BRZ	3/16" (4.8 mm)	500
3935	3935BRZ	1/4" (6.3 mm)	350
3936	3936BRZ	5/16" (7.9 mm)	250
3937	3937BRZ	3/8" (9.5 mm)	200
3938	3938BRZ	7/16" (11.1 mm)	175
3939	3939BRZ	1/2" (12.7 mm)	175
3940	3940BRZ	9/16" (14.3 mm)	170
3941	3941BRZ	5/8" (15.9 mm)	150
3941A	3941ABRZ	11/16" (17.5 mm)	150
3942	3942BRZ	3/4" (19 mm)	150

Minimum order: 20 stock lengths per size and color. Sizes can be combined for quantity pricing. Stock lengths are 12'8" (3.8 m). Must ship common carrier, unless you specify we cut them for U.P.S. A Cutting Charge will apply.

CRL Corners for Single Seal Spacer

- Long Fin Design Holds Corners in Place
- Made From Durable Nylon



CAT. NO.	SIZE
6262	3/16" (4.8 mm)
6265	1/4" (6.3 mm)
6266	5/16" (7.9 mm)
6267	3/8" (9.5 mm)
6268	7/16" (11.1 mm)
6269	1/2" (12.7 mm)
6270	9/16" (14.3 mm)
6271	5/8" (15.9 mm)
6271A	11/16" (17.5 mm)
6272	3/4" (19 mm)

Minimum order 100 each. Case quantity is 1,000 each. Must be ordered in increments of 100. Sizes can be combined for quantity pricing.

CRL Flex Corners for Single Seal Spacer

- Used to Make Variable Angle Frames
- Made From Durable Nylon



CAT. NO.	SIZE
6222	3/16" (4.8 mm)
6225	1/4" (6.3 mm)
6226	5/16" (7.9 mm)
6227	3/8" (9.5 mm)
6228	7/16" (11.1 mm)
6229	1/2" (12.7 mm)
6230	9/16" (14.3 mm)
6231	5/8" (15.9 mm)
6231A	11/16" (17.5 mm)
6232	3/4" (19 mm)

Minimum order 100 each. Case quantity is 1000 each. Must be ordered in increments of 100. Sizes can be combined for quantity pricing.

CRL Low Profile Dual Seal Aluminum Spacers

- Laser Welded Spacers With Clear Anodized Finish
- Groove on the Shoulder is Designed to Accept the CRL Polyisobutylene Primary Seal (see page SF123)



DUAL SEAL SPACER

Universal Thickness for these Dual Seal Spacers is .250" (6.3 mm)

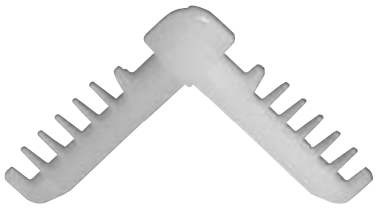
CAT. NO.	FINISH	SPACER WIDTH	QTY/CASE
99124	Clear Anodized	3/16" (4.8 mm)	500
99125	Clear Anodized	1/4" (6.3 mm)	350
99126	Clear Anodized	5/16" (7.9 mm)	250
99127	Clear Anodized	3/8" (9.5 mm)	200
99128	Clear Anodized	7/16" (11.1 mm)	175
99129	Clear Anodized	1/2" (12.7 mm)	175
99130	Clear Anodized	9/16" (14.3 mm)	170
99131	Clear Anodized	5/8" (15.9 mm)	150
99131A	Clear Anodized	11/16" (17.5 mm)	150
99132	Clear Anodized	3/4" (19 mm)	150

Minimum order: 20 stock lengths per size and color. Sizes can be combined for quantity pricing. Stock lengths are 12'8" (3.8 m). Must ship common carrier, unless you specify we cut them for U.P.S. A Cutting Charge will apply.

CRL Corners for Dual Seal Spacer

- Used Exclusively With CRL Dual Seal Aluminum Spacers
- Made From Durable Nylon

MORE INFORMATION crlaurence.com

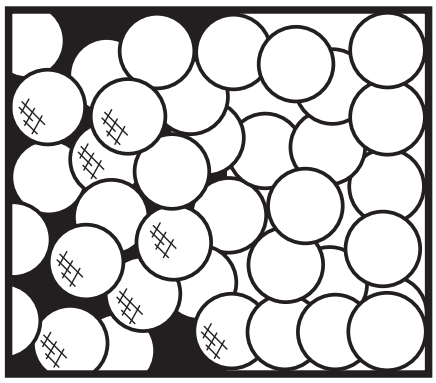


CAT. NO.	SIZE
92174	3/16" (4.8 mm)
92175	1/4" (6.3 mm)
92176	5/16" (7.9 mm)
92177	3/8" (9.5 mm)
92178	7/16" (11.1 mm)
92179	1/2" (12.7 mm)
92180	9/16" (14.3 mm)
92181	5/8" (15.9 mm)
92181A	11/16" (17.5 mm)
92182	3/4" (19 mm)

Minimum order 100 each. Case quantity is 1000 each. Must be ordered in increments of 100. Sizes can be combined for quantity pricing.

The Importance of Desiccants

MORE INFORMATION crlaurence.com



Molecular Sieve Desiccant (MSD) has an excellent capacity for adsorbing water and chemical vapors, and is the most economical adsorbent on a cost-per-unit basis. MSD provides Insulated Glass fabricators with superior protection against fogging for a longer lasting unit. MSD is suitable for both cool and warm climates, and can be used for residential, architectural, and commercial applications.

MSD has a weight of 6.5 grams per foot in a 1/4" (6.3 mm) square channel. At 77˚F (25˚C) room temperature and a dew point of 60˚F (16˚C), 100 pounds (45 kg) of MSD would adsorb approximately 11-1/2 pounds (5.2 kg) of water. MSD is cost effective because it costs less per drop of water removed than any other adsorbent. This provides you with significant savings in unit production.

NOTE: It is only necessary to fill the two long legs of the spacer frame. Fill only one long and one short leg when the long side is greater than 2-1/2 times the length of the short side.

CRL MSD Molecular Sieve Desiccant

- Standard Formula Removes Moisture From I.G. Units
- Three Standard Packaging Sizes
- Ask About Our High Volume Special Pricing

SPEC. DATA ONLINE MSDS ONLINE



CAT. NO.	CONTENTS
MSD5	5 Pound (2.2 kg) Can
MSD50B	55 Pound (25 kg) Box
MSD325	325 Pound (147.4 kg) Drum

Minimum order: 1 each. MSD325 must ship common carrier only. **NOTE:** Avoid prolonged skin contact when working with this product.

CRL Low Deflection Molecular Sieve Desiccant

- Low Deflection Formula Removes Moisture from I.G. Units
- Ask About Our High Volume Special Pricing

SPEC. DATA ONLINE MSDS ONLINE

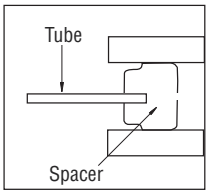


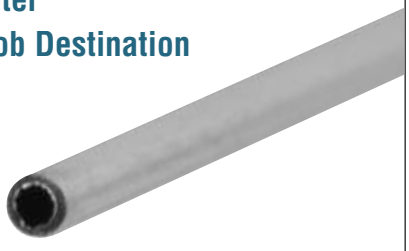
CAT. NO.	CONTENTS
MSD50BLDA	55 Pound (25 kg) Box
MSD325LDA	325 Pound (147.4 kg) Drum

Minimum order: 1 each. MSD325LDA must ship common carrier only. **NOTE:** Avoid prolonged skin contact when working with this product.

CRL Aluminum Breather Tubes

- Equalizes Pressure in I.G. Units
- Larger Inside Diameter
- Crimp and Seal at Job Destination



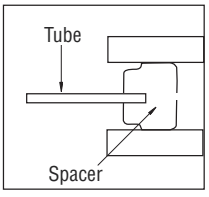


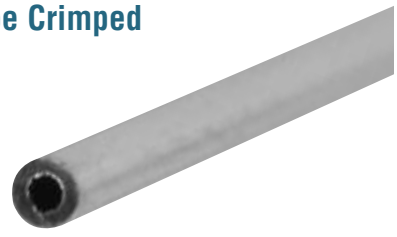
CAT. NO.	LENGTH	I.D.	O.D.	QTY/PKG
3003	6" (152 mm)	.030" (.76 mm)	.050" (1.27 mm)	100

Minimum order: 100 each.

CRL Stainless Steel Capillary Tubes

- Equalizes Pressure in I.G. Units
- Does Not Have to be Crimped





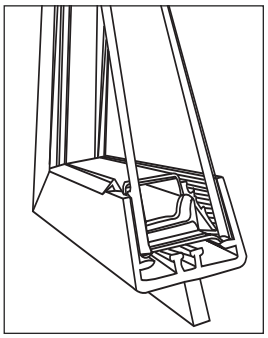
CAT. NO.	LENGTH	I.D.	O.D.	QTY/PKG
CT12C	12" (305 mm)	.021" (.533 mm)	.031" (.787 mm)	100
CT12M	12" (305 mm)	.021" (.533 mm)	.031" (.787 mm)	1000

Minimum order: 100 each for CT12C; 1000 each for CT12M.

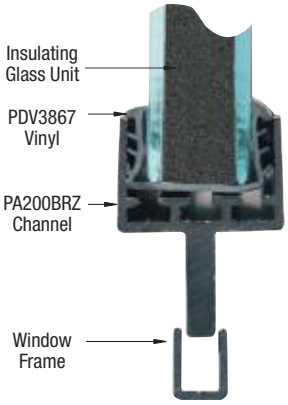
CRL Center Set Aluminum Insulating Glass Adapter Channel

- **For Converting Single Glazed Windows and Doors Into Energy-Saving Insulating Glass Units**
- **Eliminates Purchasing New Windows and Doors**
- **Quick and Easy Installation**

There is a growing demand for energy-saving retrofit products, such as Insulating Glass to insulate from heat gain, heat loss, and to reduce sound transmission. CRL Center Set Aluminum Insulating Glass Adapter Channel is a popular system for converting most single glazed center set fixed door lites and large fixed windows to energy efficient Insulating Glass units. With this Center Set Adapter Channel it is possible to convert many fixed door lites and windows without altering the frame. This is possible because the Center Set Adapter Channel is available with a center leg to position the depth of the Insulating Glass unit to the center, as illustrated at right. CRL Center Set Aluminum Insulating Glass Adapter Channel is available in two finishes. Accessory Glazing Vinyl and Adapter Corners are available for fabrication (see below).



MORE INFORMATION crlaurence.com



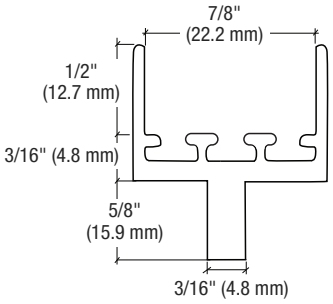
Center Set Insulating Glass Adapter for Fixed Windows and Doors

CRL 7/8" Center Set Insulating Glass Adapter Channel for 3/4" (19 mm) Insulating Glass Units

- **For the Retrofit Conversion of Single Glazed to Dual Glazed Center Set Fixed Windows and Door Lites**

CRL PA200 Center Set Insulating Glass Adapter Channel is used to replace most single glaze center set fixed door lites and large fixed windows with a 3/4" (19 mm) sealed Insulating Glass unit. All components of the existing window frame will be reused.

CRL PA200 Center Set Adapter Channel uses Cat. No. PDV3867 Glazing Vinyl. Fasten mitered corners by using Cat. No. AC1 Adapter Corners, and apply a thin bead of Cat. No. 33S Silicone Sealant (see page SF002) to seal.





CAT. NO.	LEG LENGTH	LEG WIDTH	LENGTH	FINISH
PA200A	5/8" (15.9 mm)	3/16" (4.8 mm)	12' (3.66 m)	Clear Anodized
PA200BRZ	5/8" (15.9 mm)	3/16" (4.8 mm)	12' (3.66 m)	Bronze Anodized

Minimum order: 1 stock length. All I.G. Adapter Channel can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than 10 combined lengths. Stock lengths longer than 108" (2.74 m) must ship common carrier, unless you specify that we cut them for U.P.S. A Cutting Charge will apply.

CRL Insulating Glass Glazing Vinyl for PA200 Adapter Channel

- **For Easy Installation of Insulating Glass Units**



This black CRL Insulating Glass Glazing Vinyl is 100% extruded virgin vinyl used to repair, reglaze, or manufacture windows. Vinyl wraps around sealed Insulating Glass units for easy installation into CRL Adapter Channel, new windows, and existing Insulating Glass units.

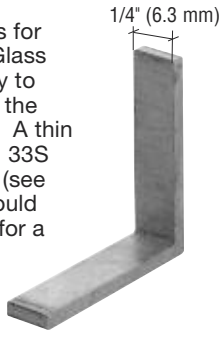
CAT. NO.	ADAPTER CHANNEL	CHANNEL WIDTH	GLASS THICKNESS
PDV3867	PA200 and PA300	7/8" (22.2 mm)	3/4" (19 mm)

Minimum order: 100 feet. Must order in increments of 100 feet. All Adapter Vinyls can be combined for quantity pricing.

CRL Corners for PA200 Insulating Glass Adapter Channel

- **Helps Join I.G. Adapter Channel for a Tight Fit**

These Corners for CRL Insulating Glass Adapter fit tightly to join the frame at the mitered corners. A thin bead of Cat. No. 33S Silicone Sealant (see page SF002) should then be applied for a good seal.





CAT. NO.	WIDTH	FOR USE WITH ADAPTER CHANNEL
AC1	1/4" (6.3 mm)	PA200, WA100, and WA150

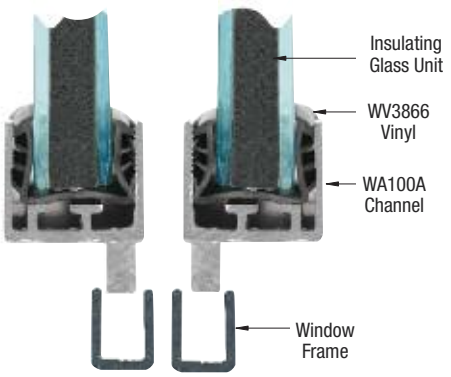
Minimum order: 100 each. Must order in increments of 100. All widths can be combined for quantity pricing.

CRL 5/8" Offset Aluminum Insulating Glass Adapter Channel

- For Converting Single Glazed Windows Into Energy-Saving Insulating Glass Units
- More Economical Than Purchasing New Windows
- Quick and Easy Installation

MORE INFORMATION crlaurence.com

CRL 5/8" Offset Aluminum Insulating Glass Adapter Channel is a popular system for converting most single glazed steel casement, wood stop, and wood putty windows to 1/2" (12.7 mm) energy efficient Insulating Glass units. With this Offset Adapter Channel it is possible to convert many windows without altering the frame or sliding mechanism. This is possible because the Offset Adapter Channel is available with an offset leg to position the depth of the Insulating Glass unit to the outside on the outside panel, and to the inside on the inside panel, as illustrated at right. CRL Offset Aluminum Insulating Glass Adapter Channel is available in two finishes. Accessory Glazing Vinyl and Adapter Corners are available for fabrication (see below).



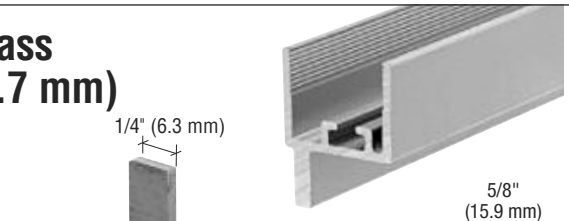
Offset Set Insulating Glass Adapter Channel for Sliding Bypassing Windows and Doors

CRL 5/8" Offset Insulating Glass Adapter Channel for 1/2" (12.7 mm) Insulating Glass Units

- For Energy-Saving Conversion to Insulating Glass Sliding Windows

CRL WA100 and WA150 Insulating Glass Adapter Channels are used to replace most single glaze windows with a 1/2" (12.7 mm) sealed Insulating Glass unit. The WA150 Adapter has a longer leg for window frames with deeper glazing channels. All components of the existing window frame will be reused.

Both WA100 and WA150 Adapter Channels use Cat. No. WV3866 Glazing Vinyl. Fasten mitered corners by using either Cat. No. AC1 Adapter Corners or Cat. No. 8X114PHPSMS #8 x 1-1/4" (31.7 mm) Pan Head Screws with a thin bead of Cat. No. 33S Silicone Sealant (see page SF002) to seal mitered corners.

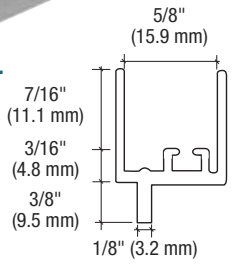




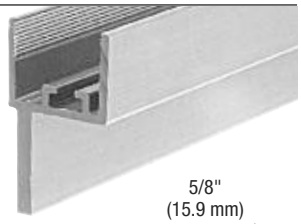
CAT. NO. AC1

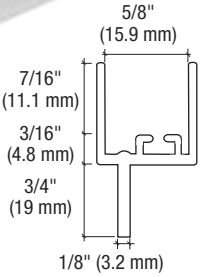


CAT. NO. WA100



CAT. NO. WA150





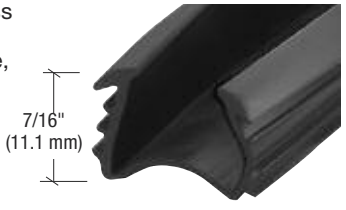
CAT. NO.	LEG LENGTH	LEG WIDTH	LENGTH	FINISH
WA100A	3/8" (9.5 mm)	1/8" (3.2 mm)	12' (3.66 m)	Clear Anodized
WA100BRZ	3/8" (9.5 mm)	1/8" (3.2 mm)	12' (3.66 m)	Bronze Anodized
WA150A	3/4" (19 mm)	1/8" (3.2 mm)	12' (3.66 m)	Clear Anodized
WA150BRZ	3/4" (19 mm)	1/8" (3.2 mm)	12' (3.66 m)	Bronze Anodized
AC1	-----	-----	-----	Mill Corner

Minimum order: 1 stock length. All I.G. Adapter Channel can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than 10 combined lengths. Stock lengths longer than 108" (2.74 m) must ship common carrier, unless you specify that we cut them for U.P.S. A Cutting Charge will apply. Mill Corners minimum order: 100 each. Must order in increments of 100. All widths can be combined for quantity pricing.

CRL Insulating Glass Glazing Vinyl for WA100 and WA150 Adapter Channel

- For Easy Installation of Insulating Glass Units

This black CRL Insulating Glass Glazing Vinyl is 100% extruded virgin vinyl used to repair, reglaze, or manufacture windows. Vinyl wraps around sealed Insulating Glass units for easy installation into CRL Adapter Channel, new windows, and existing Insulating Glass units.



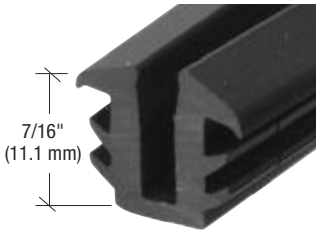
CAT. NO.	ADAPTER CHANNEL	CHANNEL WIDTH	GLASS THICKNESS
WV3866	WA100 and WA150	5/8" (15.9 mm)	1/2" (12.7 mm)

Minimum order: 100 feet. Must order in increments of 100 feet. All Adapter Vinyls can be combined for quantity pricing.

CRL 1/2" Reduction Vinyl for WA100 and WA150 Adapter Channel

- 1/2" Insulating Glass Channels Reduced to DS Single Pane Glazing

This CRL 1/2" Reduction Vinyl is a solid black profile that converts older channels designed for 1/2" (12.7 mm) insulating glass to DS single pane glazing. Ideal for temporary repairs or permanent conversion. Vinyl is sold in rolls of 150 feet (45.7 m).



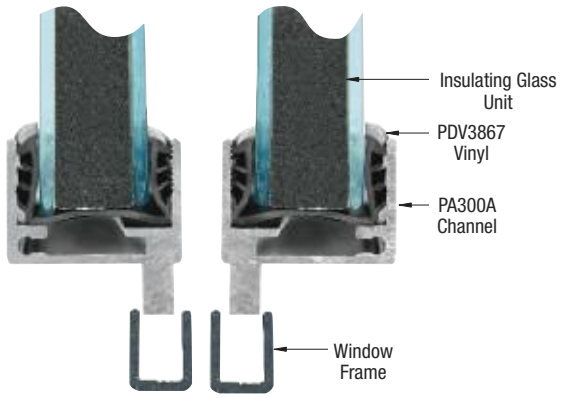
CAT. NO.	ADAPTER CHANNEL	CHANNEL WIDTH	GLASS THICKNESS
3800078	WA100 and WA150	5/8" (15.9 mm)	1/8" (3 mm)

Minimum order: 1 roll. All Adapter Vinyls can be combined for quantity pricing.

CRL 7/8" Offset Aluminum Insulating Glass Adapter Channel

- For Converting Single Glazed Windows and Doors Into Energy-Saving Insulating Glass Units
- Eliminates Purchasing New Windows and Doors
- Quick and Easy Installation

There is a growing demand for energy-saving retrofit products, such as Insulating Glass to insulate from heat gain, heat loss, and to reduce sound transmission. CRL Offset Aluminum Insulating Glass Adapter Channel is a popular system for converting most single glazed doors and windows to energy efficient Insulating Glass units. With this Offset Adapter Channel it is possible to convert many sliding doors and windows without altering the frame or sliding mechanism. This is possible because the Offset Adapter Channel is available with an offset leg to position the depth of the Insulating Glass unit to the outside on the outside panel, and to the inside on the inside panel, as illustrated at right. CRL Offset Aluminum Insulating Glass Adapter Channel is available in two finishes. Accessory Glazing Vinyl and Adapter Corners are available for fabrication (see below).



Offset Set Insulating Glass Adapter for Sliding Bypassing Windows and Doors

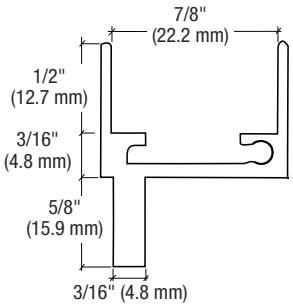
MORE INFORMATION crlaurence.com

CRL 7/8" Offset Set Insulating Glass Adapter Channel for 3/4" (19 mm) Insulating Glass Units

- For the Retrofit Conversion of Single Glazed to Dual Glazed Offset Set Windows and Doors

CRL PA300 Offset Set Insulating Glass Adapter Channel is used to replace most sliding door lites and sliding windows with a 3/4" (19 mm) sealed Insulating Glass unit. All of the components of the existing window frame will be reused.

CRL PA300 Offset Set Adapter Channel uses Cat. No. PDV3867 Glazing Vinyl. Fasten mitered corners by using either Cat. No. AC2 Adapter Corners or Cat. No. 6X34PHPSMS #6 x 3/4" (19 mm) Pan Head Phillips Sheet Metal Screws. Apply a thin bead of Cat. No. 33S Silicone Sealant (see page SF002) to seal mitered corners.





CAT. NO.	LEG LENGTH	LEG WIDTH	LENGTH	FINISH
PA300A	5/8" (15.9 mm)	3/16" (4.8 mm)	12' (3.66 m)	Clear Anodized
PA300BRZ	5/8" (15.9 mm)	3/16" (4.8 mm)	12' (3.66 m)	Bronze Anodized

Minimum order: 1 stock length. All I.G. Adapter Channel can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than 10 combined lengths. Stock lengths longer than 108" (2.74 m) must ship common carrier, unless you specify that we cut them for U.P.S. A Cutting Charge will apply.

CRL Insulating Glass Glazing Vinyl for PA300 Adapter Channel

- For Easy Installation of Insulating Glass Units



This black CRL Insulating Glass Glazing Vinyl is 100% extruded virgin vinyl used to repair, reglaze, or manufacture windows. Vinyl wraps around sealed Insulating Glass units for easy installation into CRL Adapter Channel, new windows, and existing Insulating Glass units.

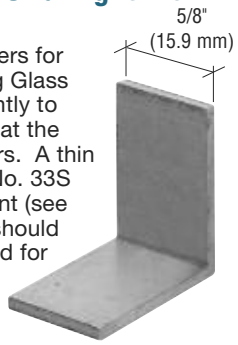
CAT. NO.	ADAPTER CHANNEL	CHANNEL WIDTH	GLASS THICKNESS
PDV3867	PA200 and PA300	7/8" (22.2 mm)	3/4" (19 mm)

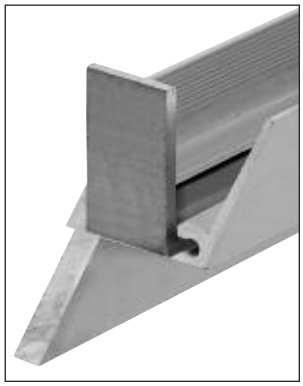
Minimum order: 100 feet. Must order in increments of 100 feet. All Adapter Vinyls can be combined for quantity pricing.

CRL Corners for PA300 Insulating Glass Adapter Channel

- Helps Join I.G. Adapter Channel for a Tight Fit

These Corners for CRL Insulating Glass Adapter fit tightly to join the frame at the mitered corners. A thin bead of Cat. No. 33S Silicone Sealant (see page SF002) should then be applied for a good seal.





CAT. NO.	WIDTH	FOR USE WITH ADAPTER CHANNEL
AC2	5/8" (15.9 mm)	PA300

Minimum order: 100 each. Must order in increments of 100. All widths can be combined for quantity pricing.pricing.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

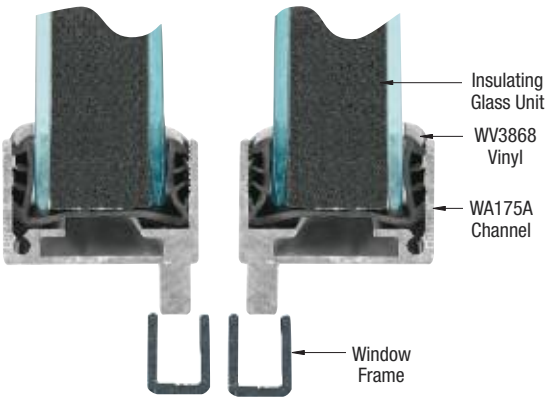
CRL US ALUMINUM

CRL 1" Offset Aluminum Insulating Glass Adapter Channel

- For Use With Double or Triple Glazed Units
- Eliminates Purchasing New Windows
- Quick and Easy Installation

MORE INFORMATION crlaurence.com

CRL 1" Offset Aluminum Insulating Glass Adapter Channel is a popular system for converting most single glazed steel casement, wood stop, and wood putty windows to 7/8" (22.2 mm) energy efficient Insulating Glass units. With this Offset Adapter Channel it is possible to convert many windows without altering the frame or sliding mechanism. This is possible because the Offset Adapter Channel is available with an offset leg to position the depth of the Insulating Glass unit to the outside on the outside panel, and to the inside on the inside panel, as illustrated at right. CRL Offset Aluminum Insulating Glass Adapter Channel is available in two finishes. Accessory Glazing Vinyl and Adapter Corners are available for fabrication (see below).



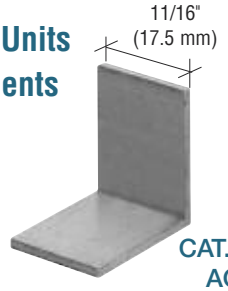
Offset Set Insulating Glass Adapter Channel for Sliding Bypassing Windows and Doors

CRL 1" Offset Insulating Glass Adapter Channel for 7/8" (22.2 mm) Insulating Glass Units

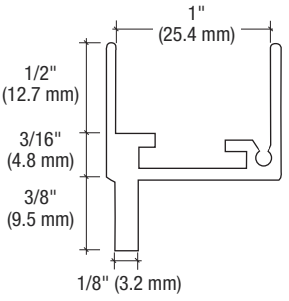
- For Use With Double or Triple Glazed Units
- Uses Existing Window Frame Components

CRL WA175 Insulating Glass Adapter Channel is used to replace most single glaze aluminum sliding windows, plus steel casement, wood stop, and wood putty windows with a 7/8" (22.2 mm) sealed Insulating Glass unit. All of the components of the existing window frame will be reused.

CRL WA175 Adapter Channel uses Cat. No. WV3868 Glazing Vinyl. Fasten mitered corners by using either Cat. No. AC3 Adapter Corners (sold separately), or Cat. No. 8X114PHPSMS #8 x 1-1/4" (31.7 mm) Pan Head Phillips Sheet Metal Screws. Apply a thin bead of Cat. No. 33S Silicone Sealant (see page SF002) to seal mitered corners.



CAT. NO. AC3





CAT. NO. WA175



CAT. NO.	LEG LENGTH	LEG WIDTH	LENGTH	FINISH
WA175A	3/8" (9.5 mm)	1/8" (3.2 mm)	12' (3.66 m)	Clear Anodized
WA175BRZ	3/8" (9.5 mm)	1/8" (3.2 mm)	12' (3.66 m)	Bronze Anodized
AC3	-----	-----	-----	Mill Corner

Minimum order: 1 stock length. All I.G. Adapter Channel can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than 10 combined lengths. Stock lengths longer than 108" (2.74 m) must ship common carrier, unless you specify that we cut them for U.P.S. A Cutting Charge will apply. Mill Corners minimum order: 100 each. Must order in increments of 100. All widths can be combined for quantity pricing.

CRL Insulating Glass Glazing Vinyl for WA175 Adapter Channel

- For Easy Installation of Insulating Glass Units



This black CRL Insulating Glass Glazing Vinyl is 100% extruded virgin vinyl used to repair, reglaze, or manufacture windows. Vinyl wraps around sealed Insulating Glass units for easy installation into CRL Adapter Channel, new windows, and existing Insulating Glass units.

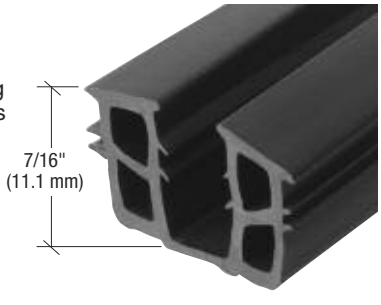
CAT. NO.	ADAPTER CHANNEL	CHANNEL WIDTH	GLASS THICKNESS
WV3868	WA175	1" (25.4 mm)	7/8" (22.2 mm)

Minimum order: 100 feet. Must order in increments of 100 feet. All Adapter Vinyls can be combined for quantity pricing.

CRL 3/4" Reduction Vinyl for for WA175 Adapter Channel

- Reduces 3/4" Openings to Accept DS Single Pane Glazing

This CRL 3/4" Reduction Vinyl is a solid black profile that quickly converts insulating glass windows and patio doors to single pane glazing. Unique webbed profile will compress to 5/8" (15.9 mm) opening and allow for DS glass. Great for emergency repairs or permanent conversion. Sold 250 feet (76.2 m) per roll.



CAT. NO.	ADAPTER CHANNEL	CHANNEL WIDTH	GLASS THICKNESS
3800908	WA175	1" (25.4 mm)	3/16" (5 mm)

Minimum order: 1 roll. All Adapter Vinyls can be combined for quantity pricing.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Muntin Bars

- Muntin Bars Produce a Distinctive Divided Lite Appearance for Colonial Style Insulating Glass Units
- Fit Inside Spacer Frame to Create Colonial Style Insulating Glass Units
- Easy to Fabricate

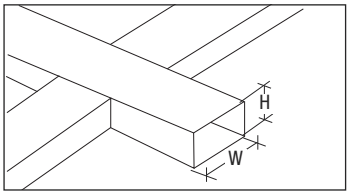




MORE INFORMATION crlaurence.com

Stock lengths of Muntin Bars are 12' 8" (3.9 m).

NOTE: Clean Muntin Bars before sealing unit with 1973, 3371100, or S50 Glass Cleaner (see page SF096). Do not use MEK, alcohol, or similar chemicals.



WHITE CAT. NO.	BRONZE CAT. NO.	SIZE HEIGHT X WIDTH	QTY/CASE
36006W	36006BRZ	3/16" x 13/16" (4.8 x 20.6 mm)	50
36009W	36009BRZ	3/16" x 9/16" (4.8 x 14.3 mm)	50
36012W	36012BRZ	3/16" x 5/8" (4.8 x 15.9 mm)	50
36004W	36004BRZ	3/16" x 3/4" (4.8 x 19 mm)	50

Minimum order: 1 stock length. A Packing Charge will be added to orders fewer than 20 combined lengths. Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for U.P.S. A Cutting Charge will apply. Sizes and colors can be combined for quantity pricing.

CRL Muntin Clips

- Designed to Work With CRL Muntin Bars
- Made From Durable Nylon



CAT. NO. 61071 | CAT. NO. 61070 | CAT. NO. 61072 | CAT. NO. 61073

CAT. NO.	FITS BAR	PRONGS	QTY/BOX
61071	36006	1	100
61070	36009	1	100
61072	36012	1	100
61073	36004	2	100

Minimum order: 100 each. Must be ordered in increments of 100. All Muntin Clips can be combined for quantity pricing.

CRL Universal Muntin Clips

- Flexible to Fit Any Angle
- Solid Centering Foot
- No Spacer Punching Required
- Works With Aluminum Spacers, Super Spacer®, and Duralite®
- Grey Resin Color
- Fit Rectangular Spacer Widths 1/4" to 3/4" (6 to 19 mm)

NEW!



CAT. NO.	AIR SPACE	BASE DEPTH
UMC14	1/4" (6 mm)	.220" (5.6 mm)
UMC516	5/16" (7.9 mm)	.295" (7.5 mm)
UMC38	3/8" (9.5 mm)	.360" (9.1 mm)
UMC12	1/2" (12.7 mm)	.485" (12.3 mm)
UMC58	5/8" (15.9 mm)	.605" (15.4 mm)
UMC34	3/4" (19.1 mm)	.734" (18.6 mm)

Minimum order: 100 each. Must be ordered in increments of 100. All Muntin Clips can be combined for quantity pricing.

CRL Internal Muntin Joiner

- For Joining Notched Muntin Bars





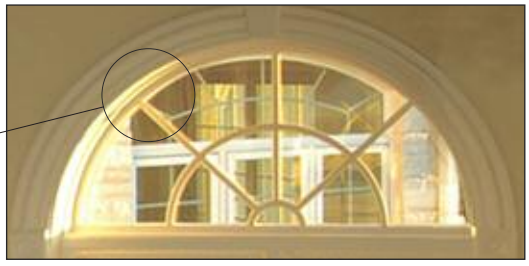
CAT. NO.	FITS BAR	QTY/BOX
AM04	36004/36006	100
AM609	36009/36012	100

Minimum order: 100 each. Must be ordered in increments of 100. All Muntin Clips can be combined for quantity pricing.

CRL Flexible Muntin Locator

- Secures Muntin Bars in Sunburst and Wagon-Wheel Windows





CAT. NO.	FITS BAR	QTY/BOX
AM06	36004/36006	100
AM12	36009/36012	100

Minimum order: 100 each. Must be ordered in increments of 100. All Muntin Clips can be combined for quantity pricing.

Super Spacer and Duralite are registered trademarks of Quanex Building Products Corporation.

CRL Manual Muntin Bar Notcher and Die Sets

- Each Precision Machined Unit is Made to Customer's Specifications
- Interchangeable Dies
- One Die Set Included



MORE INFORMATION crlaurence.com

CAT. NO. MMBN1
Minimum order is one each

CRL Air Powered Muntin Bar Notcher and Die Sets

- For Fast Notching of Muntin Bars
- Excellent for Production Work
- Comes With One Die Set



CAT. NO. APMN1
Minimum order is one each
F.O.B. Canton, Michigan

CRL Air Powered Muntin Clip Punch

- Accommodates 3/16" to 7/8" (4.8 to 22.2 mm) Aluminum Spacers
- For Single or Two-Prong Muntin Bar Clips
- Call With Your Muntin Clip Sizes



CAT. NO. MBKP1
Minimum order is one each
F.O.B. Canton, Michigan

CRL Muntin Bar Router

- Made Especially to Cut Notches in Muntin Bar Prior to Fabrication
- Air Operated Hold Down Clamp
- Adjustable Cut-Off Gauge
- Custom Made for Your Muntin Bar Brand and Sizes



CAT. NO. MBR1
Minimum order is one each
F.O.B. Red Oak, Texas
Must ship via common carrier

CRL Muntin Bar Bender

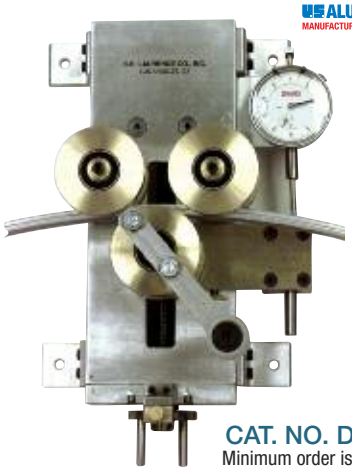
- For Fabricating Curved Insulating Glass Units
- Each Unit is Custom Made by CRL
- Call With Your Muntin Bar Brand and Sizes



CAT. NO. MMBD1
Minimum order is one each

CRL Deluxe Spacer Bender

- Can Be Made to Accommodate Almost Any Size Spacer Bar
- Custom Manufactured by CRL
- Call With Your Spacer Brand and Widths



CAT. NO. DSBD1
Minimum order is one each

CRL 360 Degree Rotary Work Table

- Speeds Production of Insulating Glass Units
- 2' x 3' (610 x 914 mm) Carpeted Surface
- Holds Units Up to 5' x 7' (1524 x 2134 mm)

MORE INFORMATION crlaurence.com



CRL GLASS MACHINERY AND SUPPLIES crlaurence.com

CAT. NO. LCS3084
Minimum order is one each
Must ship via common carrier

CRL Manual Rotating Sealing Table

NEW!

- 360 Degree Rotating Table
- Extendable Arms Handle Large Insulating Glass Units



CRL GLASS MACHINERY AND SUPPLIES crlaurence.com

CAT. NO. URST
Minimum order is one each
Must ship via common carrier

CRL Positioner Vacuum Cup Work Stands

- 360 Degree Rotation
- Safely Handles Work Loads to 150 Pounds (68 kg)



CAT. NO. P0SF1P9AC
CRL Positioner Vacuum Cup Work Stand with Pedestal Base
Minimum order is one each
F.O.B. Laurel, Montana
Must ship via common carrier

CAT. NO. P0SB1P9AC
CRL Positioner Vacuum Cup Work Stand With Table Mount Clamp.
Minimum order is one each
F.O.B. Laurel, Montana
Must ship via common carrier



CRL Low-e Glass Edge Deletion Table

- Manual Table Easily Removes Glass Coatings
- Tubular Steel Construction With Adjustable Legs
- 2" (51 mm) Non-Marking Roller Balls Allow Glass to Move Easily
- HEPA Filter Vacuum Included



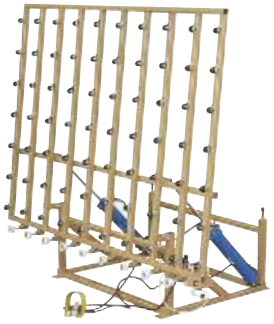
CRL GLASS MACHINERY AND SUPPLIES crlaurence.com

CAT. NO. EDT60X84
Minimum order is one each
F.O.B. Cicero, Illinois
Must ship via common carrier

CRL Power Ball Caster Tilt Tables

MORE MODELS crlaurence.com

- Aids Transfer of Insulating Glass Units or Single Lites of Glass
- Raises and Lowers by Pneumatic Cylinder Action
- All Tubular Steel Construction With Adjustable Legs
- Five Standard Sizes



CRL GLASS MACHINERY AND SUPPLIES crlaurence.com

CAT. NO. PBCTT84X120
Minimum order is one each
F.O.B. Cicero, Illinois
Must ship via common carrier

CRL Ball Caster Transfer and Inspection Tables

- Exclusive Neoprene Spherical Ball Casters
- Tubular Steel Construction With Adjustable Legs
- 84" (2.1 m) Standard Width
- Available in 60" (1.52 m) Width on Special Order
- Nine Standard Sizes



CRL GLASS MACHINERY AND SUPPLIES crlaurence.com

CAT. NO. BCT84X60
Minimum order is one each
F.O.B. Cicero, Illinois
Must ship via common carrier

CRL Insulating Glass Caliper

- Measures Insulating Glass Unit Thickness in Sliding Windows and Doors
- Quick and Easy to Use
- Measurement Scale on Both Sides

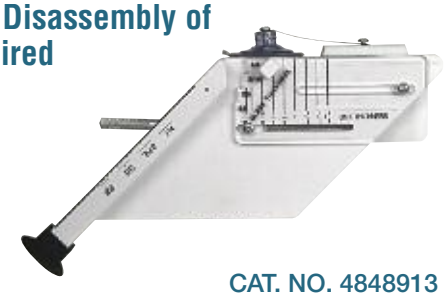


CAT. NO.	DESCRIPTION
1GCAL	Fractional Inch Caliper
1GCALMM	Metric Caliper

Minimum order: 1 each.

CRL Insulating Glass Thickness Gauge

- Works on Dual or Triple Glazed Units From 7/16" to 1-1/4" (11 to 32 mm) Thick
- No Opening or Disassembly of Windows Required
- Also Measures Thickness of Single Pane Windows

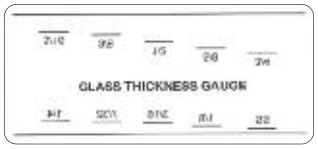


CAT. NO. 4848913
Minimum order is one each

CRL Glass Thickness Gauges

- Measures Single Pane Glass Already Glazed





CAT. NO.	DESCRIPTION
G1340	Fractional Gauge
GTG1	Metric Gauge

Minimum order: 1 each.

CRL Double Pane Low-e Coating Detector

- Detects Invisible Low-e Coatings
- Ensures Windows are Installed Correctly
- Wide Temperature Stability
- Low-Battery Indicator

MORE CHOICES crlaurence.com



CAT. NO. AE1601
Minimum order is one each

CRL Low-e Coating Contact Meter

- Detects Hard or Soft-Coat Low-e Applications
- Reduces Costly Mistakes in Manufacturing
- Very Simple to Use



CAT. NO. CM1030
Minimum order is one each

CRL Conductive Coating Detector

- Red Indicator Lights Up on Contact With Low-e
- Edge Stop Restricts Use to Edge of Glass, Prevents Scratching
- Small Enough to Fit in Your Shirt Pocket



CAT. NO. CD1
Minimum order is one each

CRL Non-Contact Coating Detector

- Single Button Activation
- Visual Red LED Indicator and Audible Signal Announces Coating Found
- Helps Assure Manufacturers and Customers that Coating is Present
- Slips Comfortably into Shirt Pocket or Briefcase



CAT. NO. CD2
Minimum order is one each

CRL Dual Purpose Detector

- Switches Between Direct Contact and Non-Contact Modes
- Visual and Audible Signals Indicate Low-e Presence
- Maintains Calibration at All Times
- Compact, Reliable, and Efficient



CAT. NO. CD3
Minimum order is one each

CRL Glass Thickness Laser

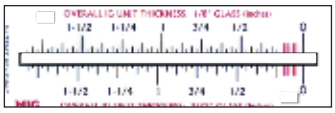
- Measures Thickness of Air Space in Sealed Insulating Glass Units and Overall Unit Thickness
- Measures From Inside of the Building – No Glass Removal is Necessary
- Uses Laser Technology for Exact Measurements
- Calculates Thicknesses of Insulating, Laminated, Bullet Resistant, and Single Lite Float Glass
- Simple to Use – Just Press a Button and Read the Measurements
- Fractional Inch and Metric Measurement Models

IMPORTANT NOTE: Avoid looking into laser beams at all times, as they can cause damage to your eyes.

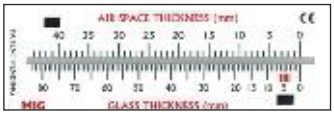
PROTECT



Overall Insulating Glass Thickness Scales



Fractional



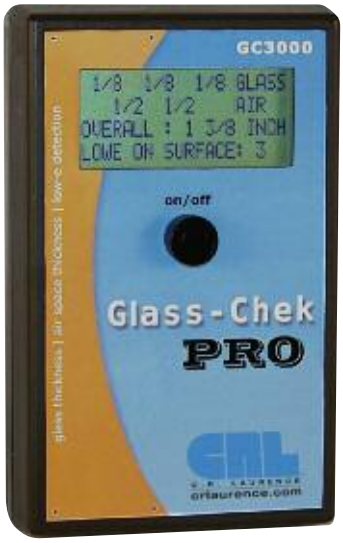
Metric

CAT. NO.	DESCRIPTION
MG1500	Fractional Inch Laser
MG1500MM	Metric Laser
MG1500SS	Fractional/Metric Scale Set Only

Minimum order: 1 each.

CRL Glass-Chek PRO Glass Thickness Meter and Low-e Coating Detector

- Single, Double, and Triple Pane Thickness Measurement
- Full Low-e Detection Capabilities
- Enhanced Compatibility Means More Applications
- Four Line Digital Display
- Digital Readout in Decimal, Fractional, and Metric
- Expanded Thickness Range to 1-3/8" (38 mm)
- Measure Deflection in Sealed IG Assemblies
- Uses a Common and Easily Replaceable 9-Volt Battery
- Made in the U.S.A.



CAT. NO. GC3000
Minimum order is one each

CRL Glass-Chek+ Digital Glass Thickness Meter With Low-e

- Measures Insulating Glass Units – Thickness of Lite, Air Space, and Overall Thickness Up to 1-1/2" (38.1 mm)
- Detects Low-e Coating and Compatible With Tinted Glass
- Factory Calibrated, Needs No Field Adjustments
- Digital Readout in Decimal, Fractional, and Metric

MORE CHOICES
crlaurence.com



CAT. NO. GC2001
Minimum order is one each

CRL Sales Demonstration Tools for Insulating Glass Units

- **High-Tech Aids to Show Your Customers the Benefits of Your Energy-Efficient Insulating Glass Units**

MORE INFORMATION crlaurence.com



Convincing prospective customers to select your Insulating Glass units can be made easier with the proper demonstration aids. These new Meters help you show your customers that installing high performance Insulating Glass units will make a difference in the energy consumption costs and the comfort of their home.

Telling your customers how good your units are is one thing, but actually demonstrating it with the help of these precision meters will give you the edge over your competition. For additional information on these helpful sales tools and to see our entire selection, go to **crlaurence.com/IG**.

CRL Window Energy Profiler

- **Tests Windows in Frame Without Removal**
- **Simultaneously Displays Percentage of Allowable UV Transmission, Percentage of Visible Light, Percentage of Infrared Light Transmission, and Solar Heat Gain Coefficient**
- **Self Calibrating**
- **Automatically Powers Down to Save Battery Life**
- **Padded Carrying Case Included**
- **Additional Details are Available at crlaurence.com/IG**





CAT. NO. WP4500
Minimum order is one each

CRL Digital Tin Side Detector

- **Digital Technology Enables You to Work From Either Side of the Glass**
- **Rugged, Portable and Energy Efficient**
- **Easy-to-Read Meter Identifies the Tin Side of Float Glass**
- **UV Lamp is Not Required**
- **Operates on One 9V Battery**



CAT. NO. TS2300
Minimum order is one each

CRL UV Lamp Tin Side Detector

- **Battery Powered UV Lamp Identifies the Tin Side of Float Glass**
- **Includes UV Protective Spectacles**



CAT. NO. UVG4
Minimum order is one each

The CRL Tin Side Detector can identify the tin side of any piece of float glass by using short-wave ultraviolet light. This special lamp causes the tin to become visible in a milky white color. When the lamp is held to the air side, no color change takes place, just a dull image of the UV lamp is reflected. The short-wave UV light cannot transmit through the glass, therefore no change is noticed in the reflection and the milky color is not present. **NOTE:** Requires four "AA" Batteries, which are not included.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM



4

Door and Window Replacement Hardware

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DW001 - DW160

Bel-Air Door Units
Casement Window Hardware
Door Bottoms and Sweeps
Door Security Hardware
Door Vision Lites and Louvers
Door Weatherization Hardware
Glass Surround
Glazing Gaskets
Glazing Vinyl and Spline
Guarda Security Systems
Hinged Screen Doors
Lock Sets
Louver Window Hardware
Retractable Screen Doors
Sash Balance Hardware
Screen Door Bug Seals
Screen Door Grilles
Screen Door Latches and Pulls
Screen Door Rollers
Screen Frame
Screen Frame Corners
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Security Screen Doors
Shower Door Repair Hardware
Sliding Glass Door Handles
Sliding Glass Door Locks
Sliding Glass Door Rollers
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Sliding Window Latches and Locks
Sliding Window Rollers
Storm and Screen Door Hardware
Storm Window Hardware
Storm Window Sash
Triple Track Window Frame
Wardrobe Door Hardware
Window and Door Trim
Window Film
Window Screen Components
Window Security Hardware

CRL US ALUMINUM
crlaurence.com • usalum.com

These products and more can be found in this catalog section. On the bottom of each page are direct search instructions for viewing them on our web site. You can also enter the catalog number into the search box for a direct link to the product and others in that category. To view other products, click on the link to our Catalog Library found on the web site home page.

Products in this section can also be found in our CRL83R Door and Window Replacement Hardware Master Catalog, available for viewing, download or order from the Catalog Library at **crlaurence.com/catalogs.**



C.R. Laurence is ISO 9001:2008 Certified

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DOOR AND WINDOW HARDWARE

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CRL Screen Hardware and Supplies

- Screen Wire and Spline
- Screen Frame Extrusion
- Patio Screen Door Kits
- Screen Fabrication Tools
- Screen Installation Kits
- Replacement Hardware



C.R. Laurence has been a full service supplier of screen hardware and tools for many decades. Our wide selection and competitive pricing has kept us in the forefront of the industry. We offer a complete line of screen hardware, such as screen wire in a variety of types and colors, roll formed and extruded screen frame, bulk fabrication and installation components, all the way to complete screen systems. CRL's excellent line of screen repair hardware offers you a selection of common and hard to find parts your customers will always be looking for.

The following pages will provide the information you require to select the perfect screen products for your jobs. Our Door and Window Department can assist you with design plans and questions pertaining to your screening needs, and can be reached by phone at (800) 421-6144 in the U.S, (877) 421-6144 from Canada, or (323) 588-1281 International. Ask for Ext. 7520. You can also e-mail us through our web site at **crlaurence.com/support**.



Shop Tools for Fabrication

MORE INFORMATION
crlaurence.com



A Wide Variety of Screen Wire



Screen Retainer Spline



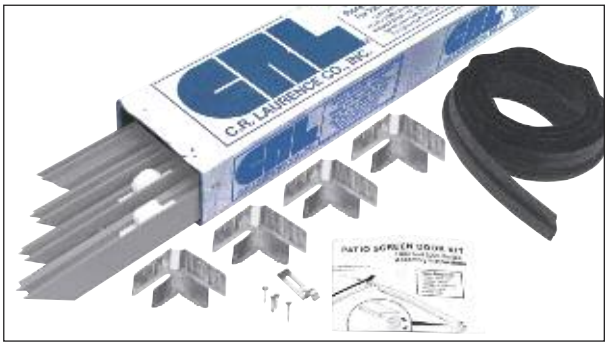
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Screen Frame



Sliding Screen Door Kits



Hinged Screen Doors



K.D. Screen Door Kits

CRL Fiberglass Screen Wire in 100 Foot (30.5 m) Rolls

MORE INFORMATION crlaurence.com

- Lightweight, Tough, and Durable Screen
- Industry Standard 18 x 16 Mesh, .011" (.28 mm) Diameter Thread
- Rust and Corrosion Proof
- Won't Dent or Bend Out of Shape
- Stocked in Popular Gray and Charcoal Colors



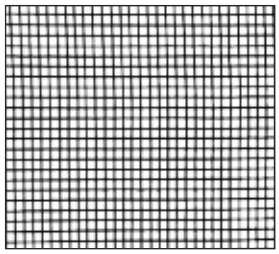
FIBERGLASS SCREEN – 18 X 16 MESH
ROLL LENGTH: 100 FEET (30.5 M)

CHARCOAL COLOR CAT. NO.	GRAY COLOR CAT. NO.	ROLL WIDTH	AREA PER ROLL SQUARE FEET/METERS
CF18	FG18	18" (457 mm)	150' (13.9 m)
CF20	FG20	20" (508 mm)	167' (15.5 m)
CF22	FG22	22" (559 mm)	183' (17.0 m)
CF24	FG24	24" (610 mm)	200' (18.6 m)
CF26	FG26	26" (660 mm)	217' (20.2 m)
CF28	FG28	28" (711 mm)	233' (21.6 m)
CF30	FG30	30" (762 mm)	250' (23.2 m)
CF32	FG32	32" (813 mm)	267' (24.8 m)
CF34	FG34	34" (864 mm)	283' (26.3 m)
CF36	FG36	36" (914 mm)	300' (27.9 m)
CF38	FG38	38" (965 mm)	317' (29.5 m)
CF40	FG40	40" (1016 mm)	333' (30.9 m)
CF42	FG42	42" (1067 mm)	350' (32.5 m)
CF48	FG48	48" (1219 mm)	400' (37.2 m)
CF54	FG54	54" (1372 mm)	450' (41.8 m)
CF60	FG60	60" (1524 mm)	500' (46.5 m)
CF72	FG72	72" (1829 mm)	600' (55.7 m)
CF84	---	84" (2134 mm)	700' (65.0 m)

Minimum order: 1 roll. All Screen rolls can be combined for quantity pricing.

- Available in 100 and 600 Linear Foot (30.5 and 183 m) Rolls
- All Types, Widths, and Colors Can Be Combined for Quantity Pricing

Screen Mesh Sizes



Screen Mesh Sizes are measured in the number of strands per square inch, both vertically and horizontally.

For example, an 18 x 16 mesh has 18 strands vertically and 16 strands horizontally per square inch of material.

CRL Bulk Fiberglass Screen Wire in 600 Foot (183 m) Rolls

- Same High Quality 18 x 16 Mesh in Larger, More Economical Rolls
- .011" (.28 mm) Diameter Thread
- Gray and Charcoal Colors
- All Widths and Colors Can Be Combined With 100' (30.5 m) Rolls for Quantity Pricing



MORE CHOICES crlaurence.com

BULK FIBERGLASS SCREEN – 18 X 16 MESH
ROLL LENGTH: 600 FEET (183 M)

CHARCOAL COLOR CAT. NO.	GRAY COLOR CAT. NO.	ROLL WIDTH	AREA PER ROLL SQUARE FEET/METERS
CF24600	FG24600	24" (610 mm)	1200' (111.5 m)
CF30600	FG30600	30" (762 mm)	1500' (139.4 m)
CF36600	FG36600	36" (914 mm)	1800' (167.2 m)
CF42600	FG42600	42" (1067 mm)	2100' (195 m)
CF48600	FG48600	48" (1219 mm)	2400' (222.9 m)

Minimum order: 1 roll. All Screen rolls can be combined for quantity pricing.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Aluminum Screen Wire

- Industry Standard 18 x 16 Mesh, .011" (.28 mm) Diameter
- The Standard for Service Life and Dependability
- All Types, Widths, and Colors Can Be Combined for Quantity Pricing

CRL Aluminum Screen Wire is rust and corrosion resistant. It is an easy to install, consistent weave, high quality screening suitable for most door and window applications. The strong aluminum material is rigid enough to hold its shape during fabrication and the seasonal installation and removal cycles common to many parts of the country. Boxed in 100' (30.5 m) rolls, and available in three beautiful finishes; bright, black, and charcoal to complement mill, gray, bronze, white, and beige screen frame.



MORE INFORMATION crlaurence.com

ALUMINUM SCREEN – 18 X 16 MESH
ROLL LENGTH: 100 FEET (30.5 M)

BRIGHT ALUMINUM CAT. NO.	BLACK CAT. NO.	CHARCOAL CAT. NO.	ROLL WIDTH	AREA PER ROLL SQUARE FEET/METERS
AS18	BA18	CA18	18" (457 mm)	150' (13.9 m)
AS20	BA20	CA20	20" (508 mm)	167' (15.5 m)
AS22	BA22	CA22	22" (559 mm)	183' (17.0 m)
AS24	BA24	CA24	24" (610 mm)	200' (18.6 m)
AS26	BA26	CA26	26" (660 mm)	217' (20.2 m)
AS28	BA28	CA28	28" (711 mm)	233' (21.6 m)
AS30	BA30	CA30	30" (762 mm)	250' (23.2 m)
AS32	BA32	CA32	32" (813 mm)	267' (24.8 m)
AS34	BA34	CA34	34" (864 mm)	283' (26.3 m)
AS36	BA36	CA36	36" (914 mm)	300' (27.9 m)
AS38	BA38	CA38	38" (965 mm)	317' (29.5 m)
AS40	BA40	CA40	40" (1016 mm)	333' (30.9 m)
AS42	BA42	CA42	42" (1067 mm)	350' (32.5 m)
AS48	BA48	CA48	48" (1219 mm)	400' (37.2 m)
AS54	BA54	CA54	54" (1372 mm)	450' (41.8 m)
AS60	BA60	CA60	60" (1524 mm)	500' (46.5 m)
AS72	BA72	CA72	72" (1829 mm)	600' (55.7 m)

Minimum order: 1 roll. All Screen rolls can be combined for quantity pricing.

- Stocked in Popular Bright, Black, and Charcoal Colors in 17 Widths

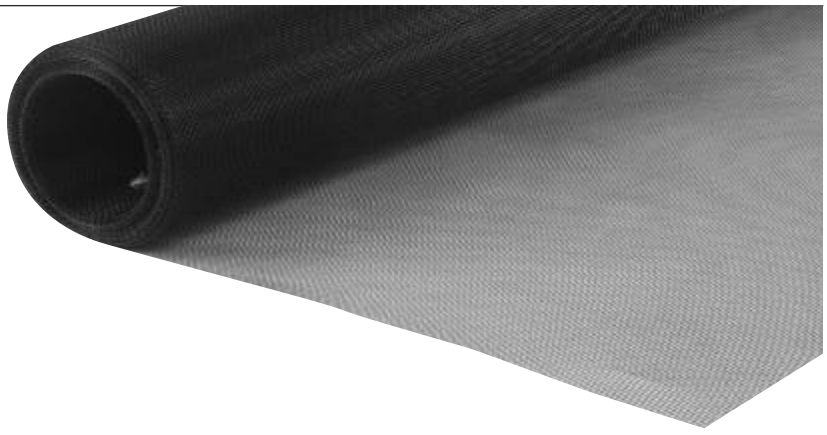


All CRL Screen Rolls are Individually Boxed for Protection During Shipping and Storage

CRL Stainless Steel Screen Wire

- 304L Alloy 18 x 18 Stainless Steel Mesh
- Superior Insect Protection
- Black Powder Coated Finish

CRL Stainless Steel Screen Wire is made from a .0075" diameter 304L alloy stainless steel thread. The 18 x 18 mesh is much stronger than conventional screen cloth and offers superior insect protection. This mesh has a black powder coated finish to cut down on glare and provide added corrosion protection. Another added bonus to using stainless steel is that it can be used in direct contact with treated wood. 50 foot rolls are available in two standard widths.



STAINLESS STEEL SCREEN - 18 X 18 MESH
ROLL LENGTH: 50 FEET (15.2 M)

CAT. NO.	COLOR	ROLL WIDTH	AREA PER ROLL SQUARE FEET/METERS
SSM36BL	Black	36" (914 mm)	150' (13.9 m)
SSM48BL	Black	48" (1219 mm)	200' (18.6 m)

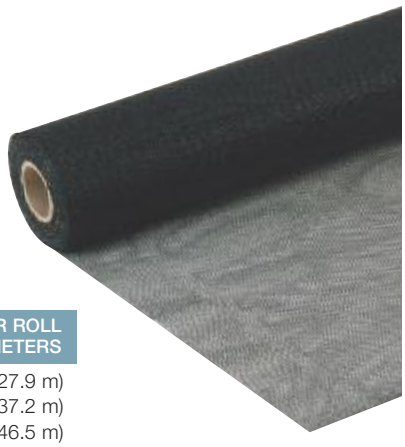
Minimum order: 1 roll. All Screen rolls can be combined for quantity pricing.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL Heavy-Duty Fiberglass Screen Wire

- Standard 18 x 14 Mesh in a Sturdy .013" (.33 mm) Diameter Thread
- A Tough and Durable Screen Mesh Ideal for Large Screen Enclosure Installations

MORE INFORMATION crlaurence.com



Our Heavy-Duty Fiberglass Screen Wire is made from a sturdy .013" diameter thread. This 18 x 14 charcoal colored mesh is ideal for screened-in patios and screen rooms. It has great durability and resistance to the effects of the weather. Now in widths up to 96" for those big outdoor jobs.

HEAVY-DUTY FIBERGLASS SCREEN – 18 X 14 MESH
ROLL LENGTH: 100 FEET (30.5 M)

CAT. NO.	COLOR	ROLL WIDTH	AREA PER ROLL SQUARE FEET/METERS
ECW36	Charcoal	36" (914 mm)	300' (27.9 m)
ECW48	Charcoal	48" (1219 mm)	400' (37.2 m)
ECW60	Charcoal	60" (1524 mm)	500' (46.5 m)
ECW72	Charcoal	72" (1829 mm)	600' (55.7 m)
ECW84	Charcoal	84" (2134 mm)	700' (65.0 m)
ECW96	Charcoal	96" (2438 mm)	800' (74.3 m)

Minimum order: 1 roll. All Screen Rolls can be combined for quantity pricing.

CRL Micro-Weave Insect Screen Wire

- Vinyl Coated for Long Life
- Popular for Screen Enclosures
- 20 x 20 Mesh Keeps Out the Smallest Insects

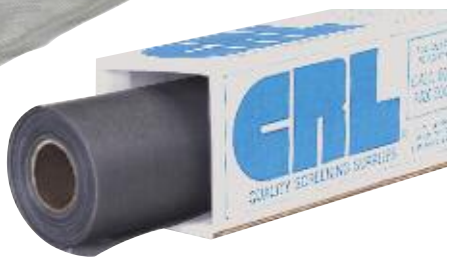


CRL Micro-Weave Insect Screen Wire is very popular anywhere you find small insects and gnats, commonly referred to as "No-See-Ums". Although the weave is denser than most screen wire, it still allows for adequate ventilation and light penetration. This wire is made from a heavy .013" (.33 mm) diameter vinyl coated fiberglass thread that is used extensively on screen enclosures and patios.

MICRO-WEAVE INSECT SCREEN – 20 X 20 MESH
ROLL LENGTH: 100 FEET (30.5 M)

CAT. NO.	COLOR	ROLL WIDTH	AREA PER ROLL SQUARE FEET/METERS
MWC36	Charcoal	36" (914 mm)	300' (27.9 m)
MWC48	Charcoal	48" (1219 mm)	400' (37.2 m)
MWC60	Charcoal	60" (1524 mm)	500' (46.5 m)
MWC96	Charcoal	96" (2438 mm)	800' (74.3 m)

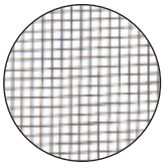
Minimum order: 1 roll. All Screen rolls can be combined for quantity pricing.

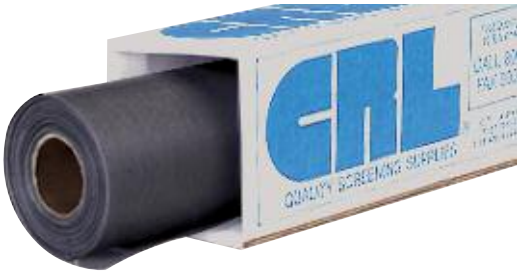


All CRL Screen Rolls are Individually Boxed for Protection During Shipping and Storage

CRL Invisible Clear Advantage Fiberglass Insect Screen Wire

- .008" Thread Diameter 20 x 20 Mesh
- Allows 50% More Light to Pass Through
- Dramatically Improves Air Flow





CRL's 20 x 20 fine mesh Clear Advantage Fiberglass Screen offers the maximum in insect protection, while the thin .008" diameter thread offers both increased visibility and air flow. Another benefit of the thinner thread is that the screen is nearly undetectable when viewed from the outside. CRL Clear Advantage offers all of these benefits, and yet there is no loss of strength. Bursting strength has been tested and surpasses the more common 18 x 16 mesh fiberglass screen. Four widths available in 100 foot rolls.

CLEAR ADVANTAGE FIBERGLASS INSECT SCREEN - 20 X 20 MESH
ROLL LENGTH: 100 FEET (30.5 M)

CAT. NO.	COLOR	ROLL WIDTH	AREA PER ROLL SQUARE FEET/METERS
ADV24	Charcoal	24" (610 mm)	200' (18.6 m)
ADV30	Charcoal	30" (762 mm)	250' (23.2 m)
ADV36	Charcoal	36" (914 mm)	300' (27.9 m)
ADV48	Charcoal	48" (1219 mm)	400' (37.2 m)

Minimum order: 1 roll. All Screen rolls can be combined for quantity pricing.

CRL Pet Resistant Screen Wire

- Ultra-Strong 14 x 10 Mesh, Vinyl-Coated Polyester Screen Wire
- Charcoal and Gray Color
- Available in 100 Foot and 50 Foot Rolls

CRL Pet Screen is an ultra-strong, pet resistant screening made from vinyl-coated polyester to resist damage by cats and dogs. CRL Pet Screen is seven times stronger than typical fiberglass screen materials. With a 14 x 10 mesh CRL Pet Screen allows excellent outward visibility, and is easy to install.





MORE CHOICES crlaurence.com

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ULTRA-STRONG POLYESTER SCREEN – 14 X 10 MESH
ROLL LENGTH: 100 FEET (30.5 M)

CHARCOAL CAT. NO.	GRAY CAT. NO.	ROLL WIDTH	AREA PER ROLL SQUARE FEET/METERS
PWS36	PWS36GRY	36" (914 mm)	300' (27.9 m)
PWS48	PWS48GRY	48" (1219 mm)	400' (37.2 m)
PWS60	---	60" (1524 mm)	500' (46.5 m)

Minimum order: 1 roll. All Screen rolls can be combined for quantity pricing.

ROLL LENGTH: 50 FEET (15.2 M)

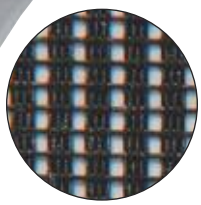
CHARCOAL CAT. NO.	GRAY CAT. NO.	ROLL WIDTH	AREA PER ROLL SQUARE FEET/METERS
PWS3650	---	36" (914 mm)	150' (13.9 m)
PWS4850	---	48" (1219 mm)	200' (18.6 m)
PWS6050	---	60" (1524 mm)	250' (23.2 m)

Minimum order: 1 roll. All Screen rolls can be combined for quantity pricing.

CRL Solar Guard Screen Wire

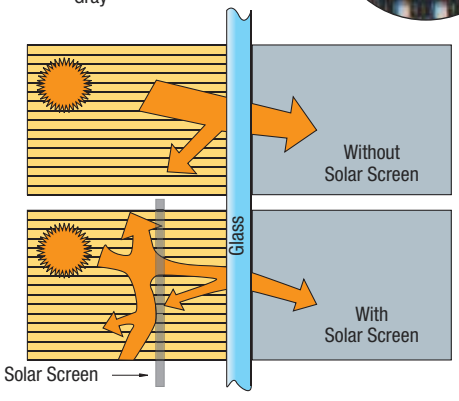
- Blocks Up to 70% of the Sun's Heat
- Reduces Cooling Costs
- Reduces Fading of Carpeting, Drapes, and Furniture
- Attractive 54 x 18 Mesh, .011" (.28 mm) Diameter Thread
- Made From Durable Vinyl Coated Fiberglass
- Stocked in Popular Charcoal, Bronze, and Gray Colors
- All Types, Widths, and Colors Can Be Combined for Quantity Pricing





CRL Solar Guard Screen Wire cuts energy costs by reducing direct sunlight heat gain. This unique weave is made of vinyl-coated fiberglass that screens out insects while allowing natural airflow.

You can install it in any screen frame, but the most efficient use is with CRL's Cat. No. WSFS34 Standoff Type (see page DW010), which holds the mesh away from the glass, allowing the heat to dissipate.



Solar Guard Absorbs and Dissipates as Much as 70% of the Transmitted Heat

SOLAR GUARD SCREEN – 54 X 18 MESH
ROLL LENGTH: 100 FEET (30.5 M)

CAT. NO.	COLOR	ROLL WIDTH	AREA PER ROLL SQUARE FEET/METERS
BSG24CH	Charcoal	24" (610 mm)	200' (18.6 m)
BSG24BRZ	Bronze	24" (610 mm)	200' (18.6 m)
BSG36CH	Charcoal	36" (914 mm)	300' (27.9 m)
BSG36BRZ	Bronze	36" (914 mm)	300' (27.9 m)
BSG36GRY	Gray	36" (914 mm)	300' (27.9 m)
BSG48CH	Charcoal	48" (1219 mm)	400' (37.2 m)
BSG48BRZ	Bronze	48" (1219 mm)	400' (37.2 m)
BSG48GRY	Gray	48" (1219 mm)	400' (37.2 m)
BSG60CH	Charcoal	60" (1524 mm)	500' (46.5 m)
BSG60BRZ	Bronze	60" (1524 mm)	500' (46.5 m)
BSG60GRY	Gray	60" (1524 mm)	500' (46.5 m)

Minimum order: 1 roll. All Screen rolls can be combined for quantity pricing.

All CRL Screen Rolls are Individually Boxed for Protection During Shipping and Storage



CRL Super-Duty Polyester Screen Wire

MORE CHOICES crlaurence.com

- A Great Upgrade Option to Offer Your Customers
- Pet Resistant and Very Durable
- Three Times Stronger Than Fiberglass
- 17 x 13 Mesh, .018" (.48 mm) Diameter Thread

CRL Super-Duty Polyester Screen Wire is woven vinyl coated screen mesh that gives your customer a new upgrade choice for insect screening. CRL Super-Duty Polyester Screen Wire has greater tear strength, durability, and will last much longer than typical fiberglass screen mesh. Using CRL Super-Duty Polyester Screen Wire saves your customer the costs and headaches of having to rescreen their windows every few years.

SUPER-DUTY POLYESTER SCREEN – 17 X 13 MESH
ROLL LENGTH: 100 FEET (30.5 M)

CAT. NO.	COLOR	ROLL WIDTH	AREA PER ROLL SQUARE FEET/METERS
PSW36BL	Black	36" (914 mm)	300' (27.9 m)
PSW48BL	Black	48" (1219 mm)	400' (37.2 m)
PSW60BL	Black	60" (1524 mm)	500' (46.5 m)

Minimum order: 1 roll. All Screen rolls can be combined for quantity pricing.



All CRL Screen Rolls are Individually Boxed for Protection During Shipping and Storage

CRL Even-Weave Solar Screen Wire

- Made from Durable, Strong Vinyl-Coated Polyester
- Uniform and Attractive 17 x 14 Mesh
- Blocks Up to 80% of the Sun's Heat
- Reduces Cooling Costs
- Reduces Fading of Carpeting, Drapes and Furniture
- Stocked in Popular Black, Brown, and Stucco Colors
- All Types, Widths, and Colors Can Be Combined for Quantity Pricing

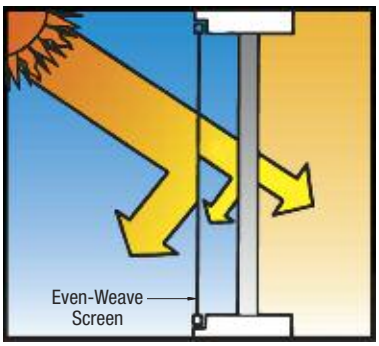
CRL Even-Weave Solar Screen Wire is the latest generation of exterior shading products. CRL Even-Weave Solar Screen Wire cuts energy costs by reducing direct sunlight heat gain. The main difference between CRL Even-Weave and Solar Guard Screen is that CRL Even-Weave's 17 x 14 weave is uniform, similar to a 18 x 16 mesh, while Solar Guard Wire has a staggered weave. CRL Even-Weave is also pet resistant. This strong vinyl-coated polyester mesh is UV protected, mildew and fade resistant, and is easily washed with soap and water.

EVEN-WEAVE SOLAR SCREEN – 17 X 14 MESH
ROLL LENGTH: 100 FEET (30.5 M)

CAT. NO.	COLOR	ROLL WIDTH	AREA PER ROLL SQUARE FEET/METERS
SSW36BL	Black	36" (914 mm)	300' (27.9 m)
SSW36BRW	Brown	36" (914 mm)	300' (27.9 m)
SSW36STU	Stucco	36" (914 mm)	300' (27.9 m)
SSW48BL	Black	48" (1219 mm)	400' (37.2 m)
SSW48BRW	Brown	48" (1219 mm)	400' (37.2 m)
SSW48STU	Stucco	48" (1219 mm)	400' (37.2 m)
SSW60BL	Black	60" (1524 mm)	500' (46.5 m)
SSW60BRW	Brown	60" (1524 mm)	500' (46.5 m)
SSW60STU	Stucco	60" (1524 mm)	500' (46.5 m)

Minimum order: 1 roll. All Screen rolls can be combined for quantity pricing.





CRL Bronze Screen Wire

- Made From 90% Copper and 10% Zinc
- 18 x 14 Mesh, .011" (.28 mm) Diameter Wire
- Oxidizes to a Rich Bronze Color
- Excellent Strength and Durability for Coastal and Desert Regions



CRL Bronze Screen Wire has an 18 x 14 mesh and rolls into the screen frame just like aluminum screen. Although it has a shiny brass color when new, once exposed to weather it will slowly turn into a rich bronze color. Made to last for years, even in the harshest environments. Affordable and easy to handle 50 foot rolls are available in five widths.

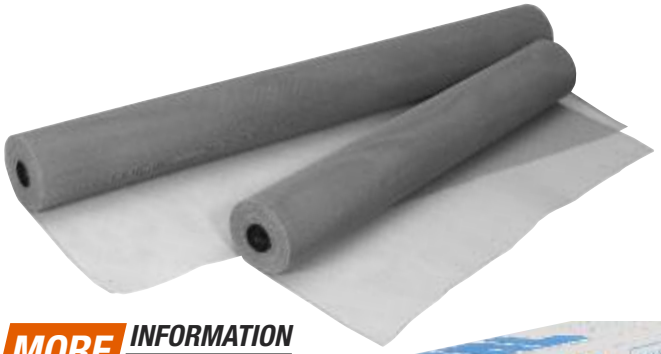
BRONZE SCREEN – 18 X 14 MESH
ROLL LENGTH: 50 FEET (15.2 M)

CAT. NO.	COLOR	ROLL WIDTH	AREA PER ROLL SQUARE FEET/METERS
BRZW24	Bronze	24" (610 mm)	100' (9.3 m)
BRZW30	Bronze	30" (762 mm)	125' (11.6 m)
BRZW36	Bronze	36" (914 mm)	150' (13.9 m)
BRZW48	Bronze	48" (1219 mm)	200' (18.6 m)
BRZW60	Bronze	60" (1524 mm)	250' (23.2 m)

Minimum order: 1 roll. All Screen rolls can be combined for quantity pricing.

CRL Galvanized Steel Screen Wire

- Extra Strength Steel Wire is Stronger Than Aluminum in Every Application
- 18 x 14 Mesh, .009" (.23 mm) Diameter Wire
- Popular 36" and 48" (914 and 1219 mm) Widths



Use our Galvanized Steel Screen Wire when you require extra strength material with good durability. This is a tough .009" (.23 mm) diameter, 18 x 14 mesh electro-galvanized material that is stronger than aluminum or fiberglass screen wire in every application. Rolls of 100 linear feet are individually packaged, and can be shipped via UPS.

MORE INFORMATION crlaurence.com



All CRL Screen Rolls are Individually Boxed for Protection During Shipping and Storage

GALVANIZED STEEL SCREEN – 18 X 14 MESH
ROLL LENGTH: 100 FEET (30.5 M)

CAT. NO.	COLOR	ROLL WIDTH	AREA PER ROLL SQUARE FEET/METERS
GW36	Galvanized	36" (914 mm)	300' (27.9 m)
GW48	Galvanized	48" (1219 mm)	400' (37.2 m)

Minimum order: 1 roll. All Screen rolls can be combined for quantity pricing.

CRL Super Clear Vinyl Film

- Indoor Window Insulator Film
- Available in Two Thicknesses
- Convenient 50 Foot (15 m) Rolls





Many homeowners who have insect screen panels made for their porch also have a matching set of clear vinyl film panels which they can change out from season to season. CRL Super Clear Vinyl Film rolls into screen frame just like insect screen. The solid clear vinyl prevents wind, moisture, and dust from entering, while still offering a clear view outside. Made from double polished clear vinyl, this film will last for years. Super Clear Vinyl Film can be used in conjunction with our Cat. No. WSF17 Heavy Roll Formed Aluminum Screen Frame, which comes in Mill, Gray, Bronze, White, and Beige colors.
See page DW009 for more details.

SUPER CLEAR VINYL FILM
ROLL LENGTH: 50 FEET (15 M)

CAT. NO.	THICKNESS	ROLL WIDTH	AREA PER ROLL SQUARE FEET/METERS
VF1236	.012"	36" (914 mm)	150' (13.9 m)
VF1248	.012"	48" (1219 mm)	200' (18.6 m)
VF1254	.012"	54" (1372 mm)	225' (20.9 m)
VF1636	.016"	36" (914 mm)	150' (13.9 m)
VF1648	.016"	48" (1219 mm)	200' (18.6 m)
VF1654	.016"	54" (1372 mm)	225' (20.9 m)

Minimum order: 1 roll. All Sizes can be combined for quantity pricing.

TOLL FREE Phone: (800) 421-6144
Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL 3/4" x 1/4" Roll Formed Aluminum Screen Frame

- .019" (.48 mm) Wall Thickness
- Four Finishes to Choose From

This CRL 3/4" x 1/4" (19 x 6.3 mm) Screen Frame is made of .019 mil thick roll formed aluminum. It is cambered (slightly bowed) to retain screen tension when installed.

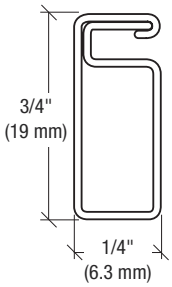
CAT. NO.	FINISH	STOCK LENGTH	QTY/CASE
WSF344M	Mill	12' 2" (3.7 m)	200
WSF344BRZ	Bronze	12' 2" (3.7 m)	200
WSF344W	White	12' 2" (3.7 m)	200
WSF344BGE	Beige	12' 2" (3.7 m)	200

Minimum order: 1 stock length. All Screen Frame can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than 12 stock lengths. Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for U.P.S. A Cutting Charge will apply.

Works With:



WSC104
Mitered Corners
See page DW014







SWSC14
Square Cut Corners
See page DW015

MORE INFORMATION
crlaurence.com



5C140 and **5CBL140**
Retainer Spline
See page DW019

CRL 3/4" x 5/16" Roll Formed Aluminum Screen Frame

- .020" (.51 mm) Wall Thickness
- Five Finishes to Choose From

This CRL 3/4" x 5/16" (19 x 7.9 mm) Screen Frame is made of .020 mil thick roll formed aluminum. It is cambered (slightly bowed) to retain screen tension when installed.

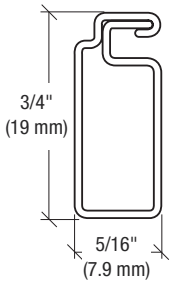
CAT. NO.	FINISH	STOCK LENGTH	QTY/CASE
WSF345M	Mill	12' 2" (3.7 m)	144
WSF345GRY	Gray	12' 2" (3.7 m)	144
WSF345BRZ	Bronze	12' 2" (3.7 m)	144
WSF345W	White	12' 2" (3.7 m)	144
WSF345BGE	Beige	12' 2" (3.7 m)	144

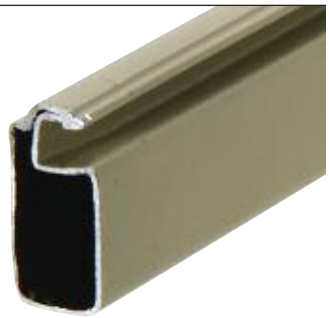
Minimum order: 1 stock length. All Screen Frame can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than 12 stock lengths. Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for U.P.S. A Cutting Charge will apply.

Works With:



WSC105
Mitered Corners
See page DW014







WSPC105
Plastic Mitered Corners
See page DW015



SWSC516
Square Cut Corners
See page DW015



SS150B, SSBL150B, 5C150, and **5CBL150**
Retainer Spline
See page DW019

CRL 3/4" x 3/8" Roll Formed Aluminum Screen Frame

- .020" (.51 mm) Wall Thickness
- Available in Five Finishes

This CRL 3/4" x 3/8" (19 x 9.5 mm) Screen Frame is made of .020 mil thick roll formed aluminum. It is cambered (slightly bowed) to retain screen tension when installed.

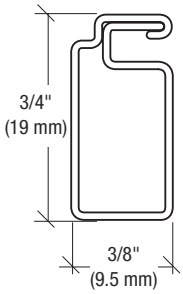
CAT. NO.	FINISH	STOCK LENGTH	QTY/CASE
WSF346M	Mill	12' 2" (3.7 m)	128
WSF346GRY	Gray	12' 2" (3.7 m)	128
WSF346BRZ	Bronze	12' 2" (3.7 m)	128
WSF346W	White	12' 2" (3.7 m)	128
WSF346BGE	Beige	12' 2" (3.7 m)	128

Minimum order: 1 stock length. All Screen Frames can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than 12 stock lengths. Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for U.P.S. A Cutting Charge will apply.

Works With:



WSC106
Mitered Corners
See page DW014







WSPC106
Plastic Mitered Corners
See page DW015



SWSC38
Square Cut Corners
See page DW015



SS150B, SSBL150B, 5C150, and **5CBL150**
Retainer Spline
See page DW019

CRL 3/4" x 7/16" Roll Formed Aluminum Screen Frame

- .020" (.51 mm) Wall Thickness
- Five Finishes to Choose From

This CRL 3/4" x 7/16" (19 x 11.1 mm) Screen Frame is made of .020 mil thick roll formed aluminum. It is cambered (slightly bowed) to retain screen tension when installed.

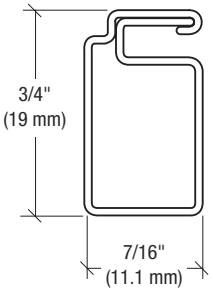
CAT. NO.	FINISH	STOCK LENGTH	QTY/CASE
WSF347M	Mill	12' 2" (3.7 m)	104
WSF347GRY	Gray	12' 2" (3.7 m)	104
WSF347BRZ	Bronze	12' 2" (3.7 m)	104
WSF347W	White	12' 2" (3.7 m)	104
WSF347BGE	Beige	12' 2" (3.7 m)	104

Minimum order: 1 stock length. All Screen Frames can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than 12 stock lengths. Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for U.P.S. A Cutting Charge will apply.

Works With:



WSC107
Mitered Corners
See page DW014







WSPC107
Plastic Mitered Corners
See page DW015



SWSC716
Square Cut Corners
See page DW015



SS165B, SSBL165B, 5C165, and **5CBL165**
Retainer Spline
See page DW019

CRL 1" x 7/16" Roll Formed Aluminum Screen Frame

MORE CHOICES crlaurence.com

- .025" (.63 mm) Wall Thickness
- Five Finishes to Choose From

This CRL 1" x 7/16" (25.4 x 11.1 mm) Screen Frame is made of .025 mil thick roll formed aluminum. It is cambered (slightly bowed) to retain screen tension when installed.

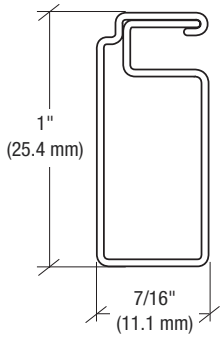
CAT. NO.	FINISH	STOCK LENGTH	QTY/CASE
WSF17M	Mill	12' 2" (3.7 m)	84
WSF17GRY	Gray	12' 2" (3.7 m)	84
WSF17BRZ	Bronze	12' 2" (3.7 m)	84
WSF17W	White	12' 2" (3.7 m)	84
WSF17BGE	Beige	12' 2" (3.7 m)	84

Minimum order: 1 stock length. All Screen Frame can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than 12 stock lengths. Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for U.P.S. A Cutting Charge will apply.

Works With:



WSC108
Mitered Corners
See page DW014







SS170B, SSBL170B, 5C170, and **5CBL170**
Retainer Spline
See page DW019

CRL 1-1/4" x 7/16" Roll Formed Aluminum Screen Frame

- Typical Applications Include Patio Screens, Porch Screens, and Commercial Windows
- .040" (1 mm) Wall Thickness

This CRL 1-1/4" x 7/16" (31.8 x 11.1 mm) Screen Frame is made of .040 mil thick roll formed aluminum. It is cambered (slightly bowed) to retain screen tension when installed.

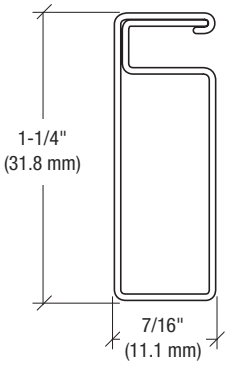
CAT. NO.	FINISH	STOCK LENGTH	QTY/CASE
WSF1257M	Mill	12' 2" (3.7 m)	65
WSF1257BRZ	Bronze	12' 2" (3.7 m)	65

Minimum order: 1 stock length. All Screen Frame can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than 12 stock lengths. Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for U.P.S. A Cutting Charge will apply.

Works With:



WSC114
Mitered Corners
See page DW014







SS185B, SSBL185B, 5C185, and **5CBL185**
Retainer Spline
See page DW019

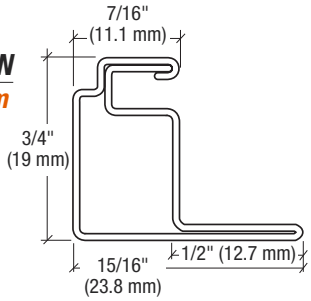
CRL 1/2" Standoff Roll Formed Aluminum Screen Frame

MORE INFORMATION crlaurence.com

- **Use Where You Need Extra Space Between Window and Screen**
- **.025" (.63 mm) Wall Thickness**

3/4" x 7/16" (19 x 11.1 mm) box type Screen Frame with 1/2" (12.7 mm) standoff leg allows screen installation in windows where a screen wicket is used. Frame is cambered (slightly bowed) to retain screen tension when installed.





CAT. NO.	FINISH	STOCK LENGTH	QTY/CASE
WSFS12GRY	Gray	12' 2" (3.7 m)	90
WSFS12BRZ	Bronze	12' 2" (3.7 m)	90
WSFS12W	White	12' 2" (3.7 m)	90

Minimum order: 1 stock length. All Screen Frame can be combined for quanitity pricing. A Packing Charge will be added to orders of fewer than 12 stock lengths. Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for U.P.S. A Cutting Charge will apply.

Works With:



WSC111
Mitered Corners
See page DW014



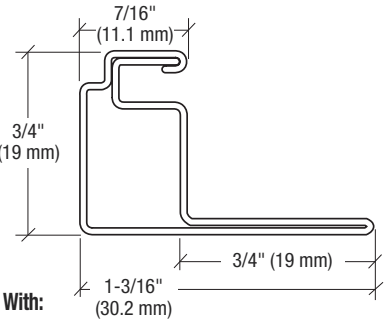
SS185B, SSBL185B, 5C185, and **5CBL185**
Retainer Spline
See page DW019

CRL 3/4" Standoff Roll Formed Aluminum Screen Frame

- **.025" (.63 mm) Wall Thickness**
- **Available in Three Finishes**

3/4" x 7/16" (19 x 11.1 mm) box type Screen Frame with 3/4" (19 mm) standoff leg allows screen installation in windows where a screen wicket is used. **NOTE:** Due to the longer length of the standoff member, this Screen Frame is not cambered (slightly bowed).





CAT. NO.	FINISH	STOCK LENGTH	QTY/CASE
WSFS34GRY	Gray	12' 2" (3.7 m)	90
WSFS34BRZ	Bronze	12' 2" (3.7 m)	90
WSFS34W	White	12' 2" (3.7 m)	90

Minimum order: 1 stock length. All Screen Frame can be combined for quanitity pricing. A Packing Charge will be added to orders of fewer than 12 stock lengths. Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for U.P.S. A Cutting Charge will apply.

Works With:



WSC111
Mitered Corners
See page DW014



SS175B, SSBL175B, 5C175, and **5CBL175**
Retainer Spline
See page DW019

CRL Andersen® 3/4" x 7/16" Roll Formed Aluminum Screen Frame

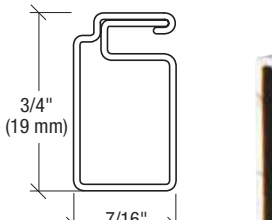
- **Replacement Screen Frame to Match Andersen® Windows**
- **Sandstone, Terratone, and White Finishes**
- **Matching Color Corners Available**
- **.020" (.51 mm) Wall Thickness**

CAT. NO.	FINISH	STOCK LENGTH	QTY/CASE
WSFA1SAN	Sandstone	12' 2" (3.7 m)	40
WSFA1TER	Terratone	12' 2" (3.7 m)	40
WSFA1W	White	12' 2" (3.7 m)	40

Minimum order: 1 stock length. All Screen Frame can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than 12 stock lengths. Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for U.P.S. A Cutting Charge will apply.

Andersen is a registered trademark of Andersen Corporation.





Works With:



PL16263/4/5
Mitered Corners
See page DW016



SS175B, SSBL175B, 5C175, and **5CBL175**
Retainer Spline
See page DW019

CRL 1/2" Lip Roll Formed Aluminum Screen Frame

- Typical Applications Include Inset Flush-Mounting of Screens for Patio or Porch Installations
- .025" (.63 mm) Wall Thickness

3/4" x 7/16" (19 x 11.1 mm) box type Screen Frame has a 1/2" (12.7 mm) lip on the facing side. Lip Frame is usually used when no back-stop is available for a box type frame. Choose from three colors. This frame is cambered (slightly bowed) to retain screen tension when installed.

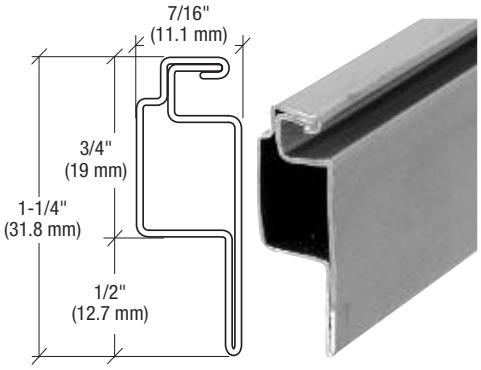
CAT. NO.	FINISH	STOCK LENGTH	QTY/CASE
WSFL1PGRY	Gray	12' 2" (3.7 m)	70
WSFL1PBRZ	Bronze	12' 2" (3.7 m)	70
WSFL1PW	White	12' 2" (3.7 m)	70

Minimum order: 1 stock length. All Screen Frame can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than 12 stock lengths. Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for U.P.S. A Cutting Charge will apply.

Works With:



WSC111
Mitered Corners
See page DW014





SS185B, SSBL185B
5C185, and **5CBL185**
Retainer Spline
See page DW019

CRL 5/16" Reverse Lip Roll Formed Aluminum Screen Frame

- Reversed Spline Pocket
- 020" (.51 mm) Wall Thickness
- Matching Square Cut Plastic Lip Corners Available

MORE INFORMATION crlaurence.com

Our 5/16" (7.9 mm) Reverse Lip Frame allows for inset mounting within the framed opening. Spline pocket is on the inside of the inset portion of the frame, resulting in less exposure to UV for longer spline life. Contoured flat inside edge adds strength.

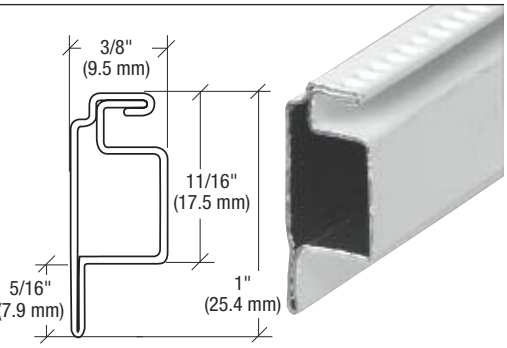
CAT. NO.	FINISH	STOCK LENGTH	QTY/CASE
WSFL8BRZ	Bronze	12' 2" (3.7 m)	120
WSFL8W	White	12' 2" (3.7 m)	120

Minimum order: 1 stock length. All Screen Frame can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than 12 stock lengths. Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for U.P.S. A Cutting Charge will apply.

Works With:



WSC117
Mitered Corners
See page DW015





SWSCL8
Mitered Corners
See page DW016



5C140, and **5CBL140**
Retainer Spline
See page DW019

CRL 5/16" Standard Lip Roll Formed Aluminum Screen Frame

- Typical Applications Include Inset Flush-Mounting of Screens for Patio or Porch Installations
- .020" (.51 mm) Wall Thickness
- Matching Square Cut Plastic Lip Corners Available

Our WSFL7 Standard 5/16" Lip Frame allows for inset mounting within a frame. Spline opening is on the outside of the inset portion of the frame.

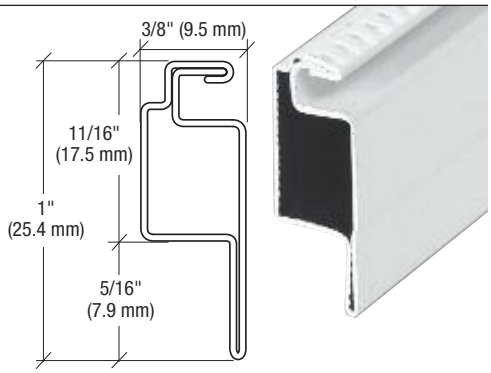
CAT. NO.	FINISH	STOCK LENGTH	QTY/CASE
WSFL7BRZ	Bronze	12' 2" (3.7 m)	120
WSFL7W	White	12' 2" (3.7 m)	120

Minimum order: 1 stock length. All Screen Frame can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than 12 stock lengths. Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for U.P.S. A Cutting Charge will apply.

Works With:



WSC117
Mitered Corners
See page DW015





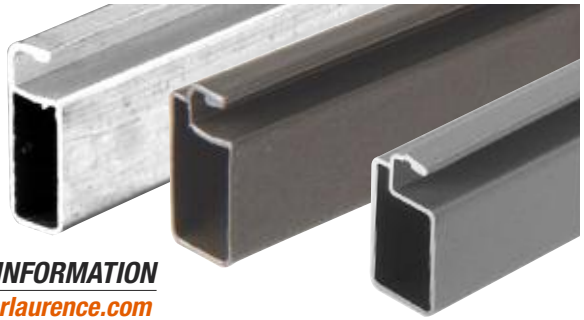
SWSCL7
Mitered Corners
See page DW016



5C140, and **5CBL140**
Retainer Spline
See page DW019

CRL Extruded Aluminum Screen Frame

- Uses the Latest "Thin Wall" Extrusion Technology in Four Sizes, Plus Heavy Wall Type
- Superior Strength and Rigidity
- Durable Powder Coated Finish
- Cambered (Slightly Bowed) for Screen Tension



MORE INFORMATION crlaurence.com

The extra rigidity of CRL Extruded Aluminum Screen Frame is due to the profile's seamless shape. Wall thickness measures .026" (.66 mm), making it 25% thicker than our standard roll-formed screen frames (Heavy Wall WSF17XA has .050" [1.3 mm] thickness). Cutting these extruded frames will give you burr-free cuts for easy assembly. A special process during manufacturing creates the same cambered (slightly bowed) shape (except heavy wall type) as our roll-formed frame to retain screen tension when installed.

This superior quality extends to the finish as well. Rather than using wet baked enamel finishes, our Extruded Aluminum Screen Frames are powder coated to match the colors of our other screen lineals. The result is a finish with improved scratch, abrasive, and chemical resistance. For protection during shipping, each stock length is polywrapped.

CRL 3/4" x 1/4" Extruded Aluminum Screen Frame

- Perfect for Smaller Sliding and Storm Windows
- .026" (.66 mm) Wall Thickness
- Three Finishes to Choose From
- Individually Polywrapped Stock Lengths

Box-type extruded .026 mil (.66 mm) thickness Frame uses our WSC104 Mitered Corner, and our .150" size Spline.

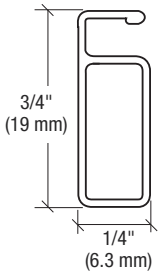
CAT. NO.	FINISH	STOCK LENGTH	QTY/CASE
A344M	Mill	12' (3.66 m)	100
A344BRZ	Bronze	12' (3.66 m)	100
A344W	White	12' (3.66 m)	100

Minimum order: 1 stock length. All Screen Frame can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than 12 stock lengths. Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for U.P.S. A Cutting Charge will apply.

Works With:



WSC104
Mitered Corners
See page DW014







SS150B, SSBL150B 5C150, and **5CBL150**
Retainer Spline
See page DW019

CRL 3/4" x 5/16" Extruded Aluminum Screen Frame

- Built-In Camber for Even Screen Tension
- Durable, Scratch Resistant White, Bronze, and Gray Powder Coat Finishes, Plus Mill
- .026" (.66 mm) Wall Thickness

Box-type extruded .026 mil (.66 mm) thickness Frame uses our WSC105 Mitered Corner, and our .150" size Spline.

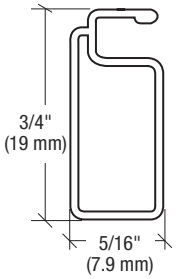
CAT. NO.	FINISH	STOCK LENGTH	QTY/CASE
A345M	Mill	12' (3.66 m)	100
A345GRY	Gray	12' (3.66 m)	100
A345BRZ	Bronze	12' (3.66 m)	100
A345W	White	12' (3.66 m)	100

Minimum order: 1 stock length. All Screen Frame can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than 12 stock lengths. Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for U.P.S. A Cutting Charge will apply.

Works With:



WSC105
Mitered Corners
See page DW014







SS150B, SSBL150B 5C150, and **5CBL150**
Retainer Spline
See page DW019

CRL 3/4" x 3/8" Extruded Aluminum Screen Frame

- Typical Applications Include Sliding, Storm, and Casement Windows
- .026" (.66 mm) Wall Thickness
- Individually Polywrapped Stock Lengths
- Four Finishes to Choose From

Box-type extruded .026 mil thick Frame uses our WSC106 Mitered Corners, and our .150" size Spline.

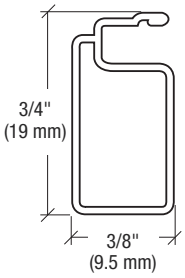
CAT. NO.	FINISH	STOCK LENGTH	QTY/CASE
A346M	Mill	12' (3.66 m)	100
A346GRY	Gray	12' (3.66 m)	100
A346BRZ	Bronze	12' (3.66 m)	100
A346W	White	12' (3.66 m)	100

Minimum order: 1 stock length. All Screen Frame can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than 12 stock lengths. Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for U.P.S. A Cutting Charge will apply.

Works With:



WSC106
Mitered Corners
See page DW014







SS150B, SSBL150B
5C150, and **5CBL150**
Retainer Spline
See page DW019

CRL 3/4" x 7/16" Extruded Aluminum Screen Frame

MORE INFORMATION crlaurence.com

- Great for Double Hung, Casement, and Louver-Jalousie Windows
- .026" (.66 mm) Wall Thickness
- Individually Polywrapped Stock Lengths
- Four Finishes to Choose From

Box-type extruded .026 mil thick Frame uses our WSC107, Mitered Corners, and our .180" size Spline.

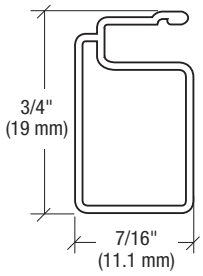
CAT. NO.	FINISH	STOCK LENGTH	QTY/CASE
A347M	Mill	12' (3.66 m)	100
A347GRY	Gray	12' (3.66 m)	100
A347BRZ	Bronze	12' (3.66 m)	100
A347W	White	12' (3.66 m)	100

Minimum order: 1 stock length. All Screen Frame can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than 12 stock lengths. Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for U.P.S. A Cutting Charge will apply.

Works With:



WSC107
Mitered Corners
See page DW014







SS180B, SSBL180B
5C180, and **5CBL180**
Retainer Spline
See page DW019

CRL 29/32" x 7/16" Heavy Wall Extruded Aluminum Screen Frame

- Ideal for Larger Window Openings and Other Commercial Applications
- .050" (1.3 mm) Wall Thickness
- Three Finishes to Choose From

This CRL 29/32" x 7/16" (23 x 11.1 mm) Extruded Screen Frame is made of .050 mil thick extruded aluminum for superior screen strength and rigidity. It will accept .250" size Spline, and our WSC109 Mitered Corners.

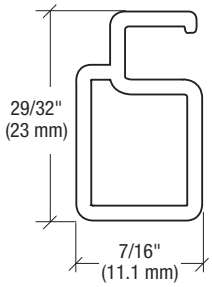
CAT. NO.	FINISH	STOCK LENGTH	QTY/CASE
WSF17XA	Mill	12' (3.66 m)	50
WSF17XBRZ	Bronze	12' (3.66 m)	50
WSF17XW	White	12' (3.66 m)	50

Minimum order: 1 stock length. All Screen Frame can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than 12 stock lengths. Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for U.P.S. A Cutting Charge will apply.

Works With:



WSC109
Mitered Corners
See page DW014







SS250B, and **SSBL250B**
Retainer Spline
See page DW019

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL Aluminum Miter Cut Screen Frame Corners

- Available in Packages of 100 or Cases of 1000

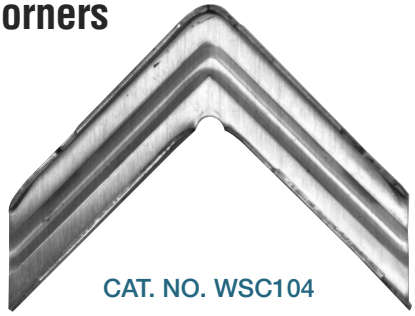
Corners are made to fit specific Screen Frame sections. Available in packages of 100 or cases of 1000. The minimum order quantity and order increments are 100.

MORE INFORMATION crlaurence.com



CRL 1/4" Miter Cut Screen Frame Corners

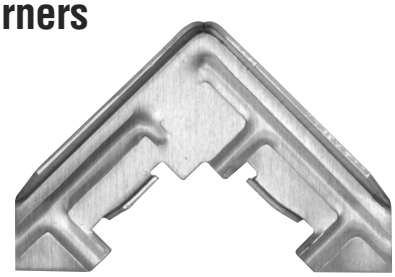
- For 3/4" x 1/4" (19 x 6.3 mm) WSF344 and A344 Screen Frame



CAT. NO. WSC104

CRL 7/16" Miter Cut Screen Frame Corners

- For 1" x 7/16" (25.4 x 11.1 mm) WSF17 Screen Frame



CAT. NO. WSC108

CRL 5/16" Miter Cut Screen Frame Corners

- For 3/4" x 5/16" (19 x 7.9 mm) WSF345 and A345 Screen Frame



CAT. NO. WSC105

CRL 7/16" Miter Cut Heavy Wall Screen Frame Corners

- For 29/32" x 7/16" (23 x 11.1 mm) WSF17X Extruded Screen Frame



CAT. NO. WSC109

CRL 3/8" Miter Cut Screen Frame Corners

- For 3/4" x 3/8" (19 x 9.5 mm) WSF346 Screen Frame



CAT. NO. WSC106

CRL 7/16" Miter Cut Screen Frame Corners

- For 7/16" (11.1 mm) WSFL1P, WSFS12, and WSFS34 Screen Frame



CAT. NO. WSC111

CRL 7/16" Miter Cut Screen Frame Corners

- For 3/4" x 7/16" (19 x 11.1 mm) WSF347 and A347 Screen Frame



CAT. NO. WSC107

CRL 7/16" Miter Cut Screen Frame Corners

- For 1-1/4" x 7/16" (31.8 x 11.1 mm) WSF1257 Screen Frame

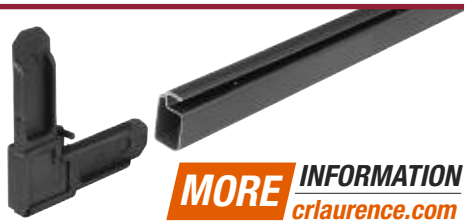


CAT. NO. WSC114

All bulk Screen Corners can be combined for quantity pricing.

CRL Plastic Square Cut and Miter Cut Screen Frame Corners

- Corners are Made to Fit Specific Screen Frame Sections
- Available in Packages of 100 or Cases of 1000



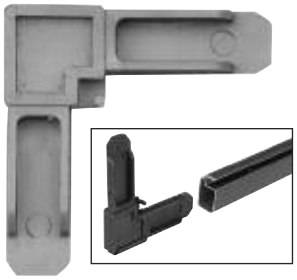
MORE INFORMATION
crlaurence.com

CRL 1/4" Square Cut Screen Frame Corners

- For 3/4" x 1/4" (19 x 6.3 mm) WSF344 Screen Frame

CAT. NO.	COLOR	QTY/PKG
SWSC14BGE	Beige	100
SWSC14BRZ	Bronze	100
SWSC14GRY	Gray	100
SWSC14W	White	100

Minimum order: 100 each. Must be ordered in increments of 100.

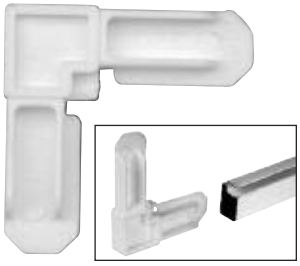


CRL 5/16" Square Cut Screen Frame Corners

- For 3/4" x 5/16" (19 x 7.9 mm) WSF345 Screen Frame

CAT. NO.	COLOR	QTY/PKG
SWSC516BGE	Beige	100
SWSC516BRZ	Bronze	100
SWSC516GRY	Gray	100
SWSC516W	White	100

Minimum order: 100 each. Must be ordered in increments of 100.

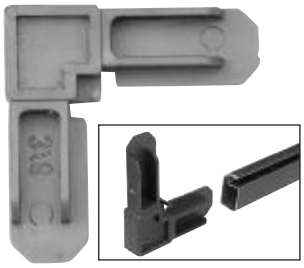


CRL 3/8" Square Cut Screen Frame Corners

- For 3/4" x 3/8" (19 x 9.5 mm) WSF346 Screen Frame

CAT. NO.	COLOR	QTY/PKG
SWSC38BGE	Beige	100
SWSC38BRZ	Bronze	100
SWSC38GRY	Gray	100
SWSC38W	White	100

Minimum order: 100 each. Must be ordered in increments of 100.

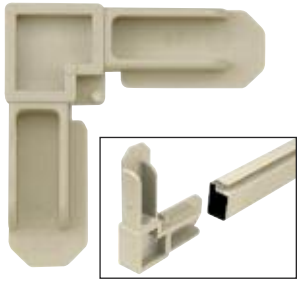


CRL 7/16" Square Cut Screen Frame Corners

- For 3/4" x 7/16" (19 x 11.1 mm) WSF347 Screen Frame

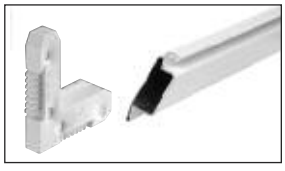
CAT. NO.	COLOR	QTY/PKG
SWSC716BGE	Beige	100
SWSC716BRZ	Bronze	100
SWSC716GRY	Gray	100
SWSC716W	White	100

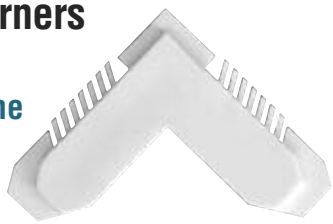
Minimum order: 100 each. Must be ordered in increments of 100.



CRL 5/16" Plastic Miter Cut Screen Lip Frame Corners

- For 5/16" WSFL7 and WSFL8 Screen Lip Frame





CAT. NO. WSC117
Minimum order: 100 each
Must be ordered in increments of 100

CRL 5/16" Plastic Miter Cut Screen Frame Corners

- For 3/4" x 5/16" (19 x 7.9 mm) WSF345 Screen Frame





CAT. NO. WSPC105
Minimum order: 100 each
Must be ordered in increments of 100

CRL 3/8" Plastic Miter Cut Screen Frame Corners

- For 3/4" x 3/8" (19 x 9.5 mm) WSF346 Screen Frame





CAT. NO. WSPC106
Minimum order: 100 each
Must be ordered in increments of 100

CRL 7/16" Plastic Miter Cut Screen Frame Corners

- For 3/4" x 7/16" (19 x 11.1 mm) WSF347 Screen Frame





CAT. NO. WSPC107
Minimum order: 100 each
Must be ordered in increments of 100

All bulk Screen Corners can be combined for quantity pricing.

CRL WSFL7 Lip Frame Screen Corners

- Has Lip to Match WSFL7 Frame

These CRL Square Cut Plastic Screen Frame Corners work with Cat. No. WSFL7 Lip Frame. The screen frame this corner fits is 3/8" (9.5 mm) thick and has a 5/16" (7.9 mm) wide lip to match.



CAT. NO.	COLOR	QTY/PKG
SWSCL7W	White	100
SWSCL7BRZ	Bronze	100

Minimum order: 100 each. Must be ordered in increments of 100.

CRL WSFL8 Lip Frame Screen Corners

- Has Lip to Match WSFL8 Frame

These CRL Square Cut Plastic Screen Frame Corners work with Cat. No. WSFL8 Lip Frame. The screen frame this corner fits is 3/8" (9.5 mm) thick and has a 5/16" (7.9 mm) wide lip to match.

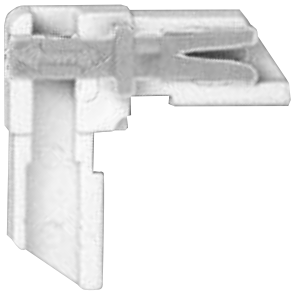


CAT. NO.	COLOR	QTY/PKG
SWSCL8W	White	100
SWSCL8BRZ	Bronze	100

Minimum order: 100 each. Must be ordered in increments of 100.

CRL Screen Frame Corner With Slide Lock

Plastic Square Cut Screen Frame Corner for Better Built Windows. This Corner has a plastic 1/8" (3.2 mm) tall slide lock. For use with 5/16" (7.9 mm) screen frame.



CAT. NO.	COLOR	QTY/PKG
PL16404	White	20

Minimum order: 1 pack. All packs of Screen Corners can be combined for quantity pricing.

CRL Square Cut Mobile Home Screen Frame Corners

These plastic square cut CRL Mobile Home Screen Frame Corners fit 5/8" x 1/4" (15.9 x 6.3 mm) screen frames popular on mobile homes years ago. Unfortunately the frame is no longer available. These Corners are for replacing existing broken corners.



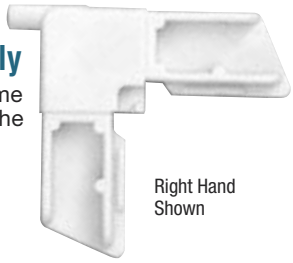
CAT. NO.	COLOR	QTY/PKG
PL14335	Gray	20
PL14336	White	20

Minimum order: 1 pack. All packs of Screen Corners can be combined for quantity pricing.

CRL Top Screen Corners

- Popular Square Cut Corner for Storm Door Screens
- Fits WSF345 Series 5/16" (7.9 mm) Screen Frame Only

Corners have a retainer pin, and come left and right hand, 10 pair per pack. The pin was redesigned to half round to prevent breakage during installation.



Right Hand Shown

CAT. NO.	COLOR	QTY/PKG
PL16156	White	10 Pair
PL16157	Brown	10 Pair

Minimum order: 1 pack. All packs of Screen Corners can be combined for quantity pricing.

CRL Bottom Screen Corners

- Popular Square Cut Corner for Storm Door Screens
- Fits WSF345 Series 5/16" (7.9 mm) Screen Frame Only

MORE CHOICES crlaurence.com

Used with Cat. No. PL16156 or PL16157 Top Corners. Bottom Corners are non-handed.



CAT. NO.	COLOR	QTY/PKG
PL16158	White	20
PL16159	Brown	20

Minimum order: 1 pack. All packs of Screen Corners can be combined for quantity pricing.

CRL Andersen® 15/32" Plastic Screen Frame Corners

- Fit Andersen 1" x 15/32" (25.4 x 11.9 mm) Screen Frame



CAT. NO.	COLOR	QTY/PKG
PL16039	Bronze	20
PL16124	White	20

Minimum order: 1 pack. All packs of Screen Corners can be combined for quantity pricing.

Andersen is a registered trademark of Andersen Corporation.

CRL Andersen® 7/16" Plastic Screen Frame Corners

- Only for 3/4" x 7/16" (19 x 11.1 mm) WSFA1 Screen Frame



CAT. NO.	COLOR	QTY/PKG
PL16263	Sandstone	20
PL16264	Terratone	20
PL16265	White	20

Minimum order: 1 pack. All packs of Screen Corners can be combined for quantity pricing.

CRL Pella 3/4" x 7/16" Plastic Screen Frame Corners

- Fit Pella 3/4" x 7/16" (19 x 11.1 mm) Miter Cut Screen Frame



CAT. NO.	COLOR	QTY/PKG
PL15767	Bronze	20
PL15766	White	20
PL15759	Tan	20

Minimum order: 1 pack. All packs of Screen Corners can be combined for quantity pricing.

CRL 5/8" x 5/16" Roll Formed Aluminum Spreader Bar

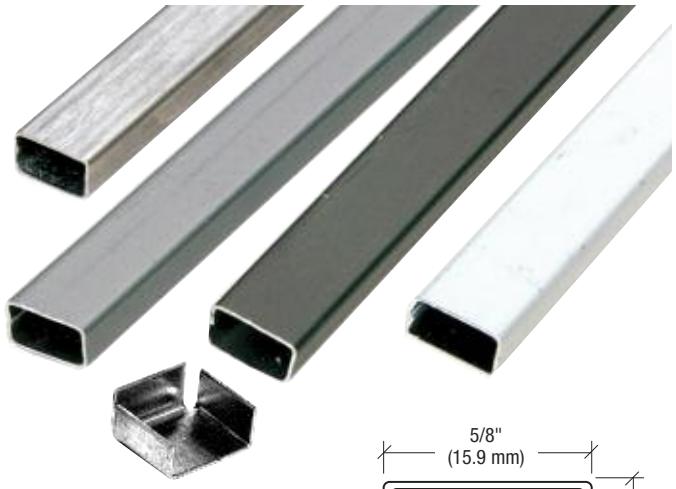
- Adds Rigidity to Larger Screens
- Four Finishes to Choose From

MORE INFORMATION crlaurence.com

5/8" x 5/16" (15.9 x 7.9 mm) box type Spreader Bar made of .025 mil (.64 mm) thickness roll formed aluminum. Adds rigidity and strength to large size screens. Almost always installed across the mid-point of the screen's longest side. Installs with our Cat. No. WSC112 Spreader Bar Clips.

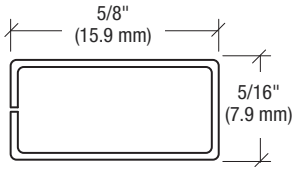
CAT. NO.	FINISH	STOCK LENGTH	QTY/CASE
WSSB58M	Mill	12' 2" (3.7 m)	50
WSSB58GRY	Gray	12' 2" (3.7 m)	50
WSSB58BRZ	Bronze	12' 2" (3.7 m)	50
WSSB58W	White	12' 2" (3.7 m)	50

Minimum order: 1 stock length. A Packing Charge will be added to orders of fewer than 12 stock lengths. Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for U.P.S. A Cutting Charge will apply.



CAT. NO.	FINISH	DESCRIPTION
WSC112	Mill	Spreader Bar Clips

Minimum order: 100 each. Must be ordered in increments of 100.



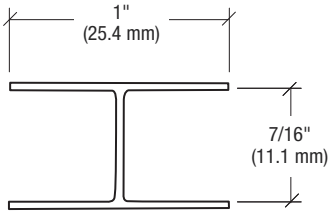
CRL 7/16" Extruded Aluminum Splicing Bar

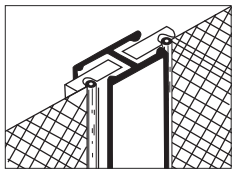
- Accepts All 7/16" (11.1 mm) Box Type Screen Frame
- Three Finishes to Choose From

1" (25.4 mm) face width with 7/16" (11.1 mm) inside channel width "H" shaped screen CRL Splicing Bar made from .045 mil (1.1 mm) thickness extruded aluminum. Used to splice two or more screens together. **NOTE:** Splicing Bar is not cambered.

CAT. NO.	FINISH	STOCK LENGTH	QTY/CASE
WSHB7A	Mill	12' 2" (3.7 m)	50
WSHB7BRZ	Bronze	12' 2" (3.7 m)	50
WSHB7W	White	12' 2" (3.7 m)	50

Minimum order: 1 stock length. A Packing Charge will be added to orders of fewer than 12 stock lengths. Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for U.P.S. A Cutting Charge will apply.





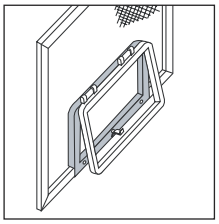


CRL Plastic Wickets for Casement Window Screens

- Plastic Wickets in Finishes Available to Match Screen Frame

CRL Plastic Wickets are 10-1/8" (257 mm) wide by 6-1/8" (155 mm) high. You install your own screen wire into the Wicket to match the rest of the window screen. **NOTE:** We recommend our Cat. No. 5C175 Serrated Retainer Spline. See page DW019.





CAT. NO.	FINISH	QTY/PKG
828M	Gray	1
828W	White	1
828BL	Black	1
828BRZ	Bronze	1

Minimum order: 1 each. All Wickets can be combined for quantity pricing.

CRL Aluminum Wickets for Casement Window Screens

- Available in Pre-Screened or No-Wire Models



CRL Aluminum Wickets feature a heavy-duty aluminum frame that measures 9-5/8" (244 mm) wide by 7" (178 mm) high. Available pre-screened with aluminum or fiberglass screen wire, or without wire. Features a stainless steel locking latch, plastic pull tab, and continuous aluminum hinge.

ALUMINUM SCREEN CAT. NO.	FIBERGLASS * SCREEN CAT. NO.	WITHOUT WIRE CAT. NO.	FINISH	QTY/PKG
AW100MA	AW200MF	AW999M	Mill	1
AW300AA	AW400AF	AW999A	Clear Anodized	1
AW500BA	AW600BF	AW999BRZ	Bronze	1
---	AW800WF	AW999W	White	1

Minimum order: 1 each. All Wickets can be combined for quantity pricing. * Fiberglass Screen is Gray Color.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL Screen Tight™ System

- **Low Maintenance Vinyl Screening System**
- **Accepts Standard Fiberglass and Aluminum Screen Wire and Serrated Retainer Spline**

CRL Screen Tight™ Screen Frame is ideal for screening in porches or sunrooms. First mount the base, then using any common screen rolling tool. Attach the screen wire with serrated screen retainer spline using either a .175" diameter (for fiberglass) or .165" diameter (for aluminum), spline then trim the wire to size. Finish by snapping the top cap into place to complete the installation.





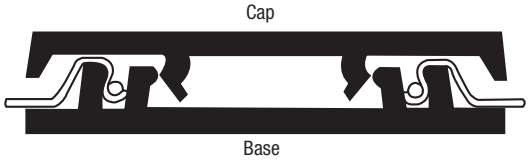


96" (2.4 M) SCREEN TIGHT COMPONENTS **20 LENGTHS PER CASE**

CAT. NO.		DESCRIPTION	COLOR
CAP18BE8		1-1/2" (38 mm) Wide Cap	Beige
CAP18W8		1-1/2" (38 mm) Wide Cap	White
BAS188		1-1/2" (38 mm) Wide Base	Black
CAP38BE8		3-1/2" (89 mm) Wide Cap	Beige
CAP38W8		3-1/2" (89 mm) Wide Cap	White
BAS388		3-1/2" (39 mm) Wide Base	Black

Minimum order is five lengths of one size and color. Colors can be combined for quantity pricing.

MORE INFORMATION crlaurence.com



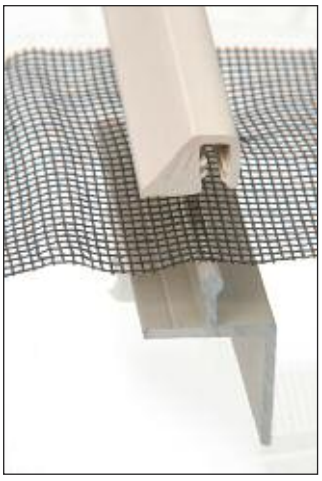
CRL ScreenEze™ Patio Screen System

- **Easy to Install - No Spline or Rolling Tool Required**
- **System Stretches Screen for You**
- **Painted Self-Drilling Screws Included**

The patented CRL ScreenEze™ Patio Screen Frame is easy to use for screening in porches or sunrooms. First mount the aluminum angle on all four sides of your opening. Next lay the screen cloth or clear vinyl across the top angle and snap the vinyl cap onto the angle. Position the cloth straight and then snap the bottom angle into place. There is no need for retainer spline or rolling tools, and the vinyl cap draws the screen wire snug when it is snapped over the angle. **NOTE:** One length of Aluminum Angle Base and Vinyl Cap per set. Screen wire or clear vinyl is not included.

CAT. NO.	FINISH	LENGTH
SEZ96BRZ	Bronze	96" (2.4 m)
SEZ96S	Sand	96" (2.4 m)
SEZ96W	White	96" (2.4 m)

Minimum order: 1 stock length. Colors can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than 10 stock lengths.



1. Position Vinyl Cap over the bead portion of the Aluminum Base.

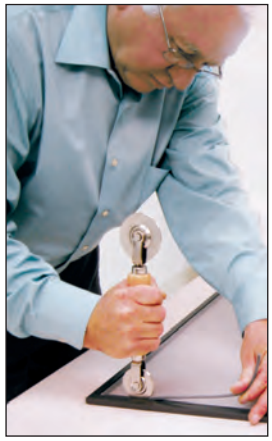


2. Pull wire tight, then snap Vinyl Cap onto the Aluminum Bead so it's fully seated.

CRL Serrated Screen Retainer Spline in Bulk Rolls

- Serrated Surface Holds Screen Securely in Frame
- Economical 15 Pound (6.8 kg) Bulk Rolls
- Gray and Black Colors

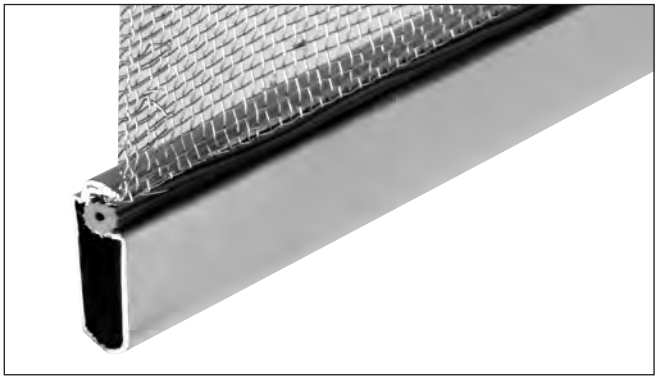




CRL Screen Retainer Spline is a high quality, hollow core vinyl used for repairing, rescreening or fabricating window, door, and patio screens. Bulk rolls are economical to use and easy to handle. Gray Spline blends well with aluminum or gray fiberglass screen wire and mill, gray, or white finish frame. Black Spline blends well with charcoal aluminum or fiberglass screen wire and bronze or beige finish frame.

GRAY CAT. NO.	BLACK CAT. NO.	DIAMETER	ROLL LENGTH
SS125B	SSBL125B	.125" (3.2 mm)	2670' (814 m)
SS135B	SSBL135B	.135" (3.4 mm)	2190' (667 m)
SS150B	SSBL150B	.150" (3.8 mm)	1815' (553 m)
SS165B	SSBL165B	.165" (4.2 mm)	1500' (457 m)
SS170B	SSBL170B	.170" (4.3 mm)	1410' (430 m)
SS175B	SSBL175B	.175" (4.4 mm)	1320' (402 m)
SS180B	SSBL180B	.180" (4.6 mm)	1200' (366 m)
SS185B	SSBL185B	.185" (4.7 mm)	1140' (347 m)
SS190B	SSBL190B	.190" (4.8 mm)	1090' (332 m)
SS200B	SSBL200B	.200" (5.1 mm)	990' (302 m)
SS220B	SSBL220B	.220" (5.6 mm)	810' (247 m)
SS230B	SSBL230B	.230" (5.8 mm)	780' (238 m)
SS235B	SSBL235B	.235" (6.0 mm)	750' (228 m)
SS250B	SSBL250B	.250" (6.4 mm)	650' (198 m)

Minimum order: 1 roll. All Bulk Rolls of Spline can be combined for quantity pricing.



Holds Screen Wire Securely in Screen Frame

CRL Serrated Screen Retainer Spline in 500 Foot Spools

MORE CHOICES crlaurence.com

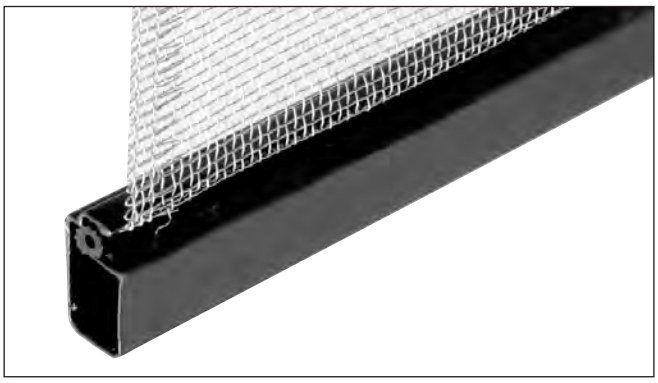
- Gray and Black Colors
- Easy to Handle Spools are Handy for Mobile Screen Fabricators



This CRL Screen Retainer Spline is a high quality, hollow core vinyl used for repairing, rescreening or fabricating window, door, and patio screens. This 500 foot (152 m) durable plastic spool makes it easy to handle. An excellent choice for mobile screen fabricators with limited space.

GRAY CAT. NO.	BLACK CAT. NO.	DIAMETER
5C120	5CBL120	.120" (3.0 mm)
5C125	5CBL125	.125" (3.2 mm)
5C135	5CBL135	.135" (3.4 mm)
5C140	5CBL140	.140" (3.6 mm)
5C145	5CBL145	.145" (3.7 mm)
5C150	5CBL150	.150" (3.8 mm)
5C155	5CBL155	.155" (3.9 mm)
5C160	5CBL160	.160" (4.1 mm)
5C165	5CBL165	.165" (4.2 mm)
5C170	5CBL170	.170" (4.3 mm)
5C175	5CBL175	.175" (4.4 mm)
5C180	5CBL180	.180" (4.6 mm)
5C185	5CBL185	.185" (4.7 mm)
5C190	5CBL190	.190" (4.8 mm)
5C240	5CBL240	.240" (6.1 mm)

Minimum order: 1 roll. Sizes and colors can be combined for quantity pricing.



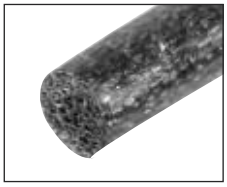
Holds Screen Wire Securely in Screen Frame

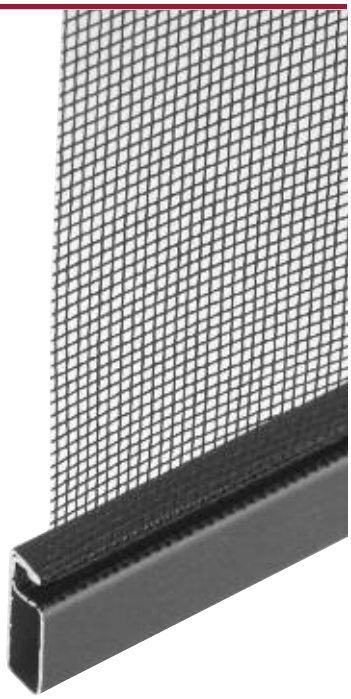
CRL Foam Core Screen Spline

- **More Resilient and Versatile Than Vinyl**
- **500 Foot (152 m) Rolls in 13 Diameters**

CRL Foam Core Screen Spline has more compressibility than Vinyl Spline, and therefore will work in a broader range of spline groove widths. This black color Foam Core Spline is an excellent substitute for metal U-Channel Spline.







CAT. NO.	DIAMETER	ROLL LENGTH
FSS120	.120" (3.0 mm)	500' (152 m)
FSS135	.135" (3.4 mm)	500' (152 m)
FSS145	.145" (3.7 mm)	500' (152 m)
FSS155	.155" (3.9 mm)	500' (152 m)
FSS160	.160" (4.1 mm)	500' (152 m)
FSS170	.170" (4.3 mm)	500' (152 m)
FSS180	.180" (4.6 mm)	500' (152 m)
FSS190	.190" (4.8 mm)	500' (152 m)
FSS200	.200" (5.1 mm)	500' (152 m)
FSS225	.225" (5.7 mm)	500' (152 m)
FSS235	.235" (5.9 mm)	500' (152 m)
FSS250	.250" (6.3 mm)	500' (152 m)
FSS270	.270" (6.9 mm)	500' (152 m)

Minimum order: 1 roll. Spline sizes and colors can be combined for quantity pricing.

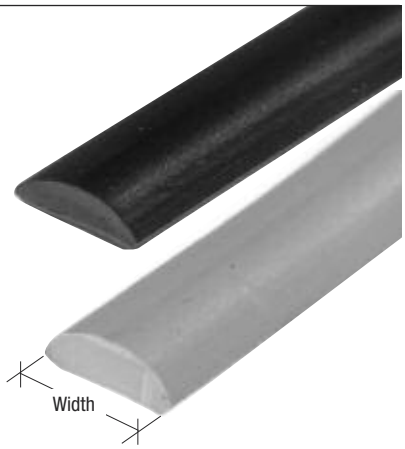
CRL Flat Screen Retainer Spline

- **Available in Gray and Black**
- **Ideal for Patio Enclosures**

CRL Flat Screen Retainer Spline is 1/16" (1.6 mm) thick quality solid core. Flat Spline is perfect for porch screen frames, and comes in gray and black.

MORE CHOICES crlaurence.com





GRAY CAT. NO.	BLACK CAT. NO.	WIDTH	ROLL LENGTH
---	FS315BL	.315" (8.0 mm)	500' (152 m)
---	FS344BL	.344" (8.7 mm)	500' (152 m)
P7839	P7843	.315" (8.0 mm)	100' (30.5 m)

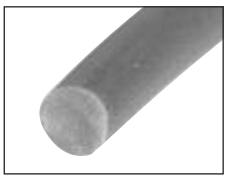
Minimum order: 1 roll. Spline sizes and colors can be combined for quantity pricing.

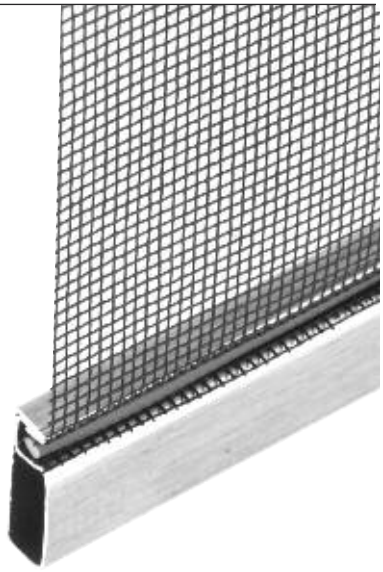
CRL Smooth Surface Spline

- **This Diameter is Suited to Smaller Size Spline Channels**
- **100 and 1000 Foot (30.5 and 305 m) Rolls**

This gray CRL Screen Retainer Spline is a high quality vinyl used for repairing, rescreening or fabricating window, door, and patio screens. The gray spline blends well with aluminum or gray fiberglass screen wire and mill, gray, and white finish screen frame.







CAT. NO.	DIAMETER	ROLL LENGTH
SS090C	.090" (2.3 mm)	100' (30.5 m)
SS090B	.090" (2.3 mm)	1000' (305 m)

Minimum order: 1 roll. Spline sizes and colors can be combined for quantity pricing.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

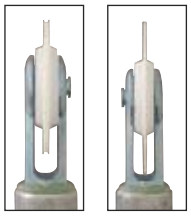
CRL US ALUMINUM

CRL Comfort Grip Nylon Combination Roller Tools

MORE CHOICES crlaurence.com

- For Inserting Screen Cloth and Retainer Spline





Concave Round

The CRL Nylon Combination Roller has a round edge nylon roller on one end for creasing the screen cloth into the spline groove, and a concave edge nylon roller on the opposite end for inserting the spline and screen into the screen frame spline groove. This tool is an excellent choice for rolling fiberglass screen.

CAT. NO.	CONCAVE EDGE ROLLER	ROUND EDGE ROLLER
CGS5NK6N	3/32" x 2" (2.4 x 50.8 mm)	1/16" x 2-1/2" (1.6 x 63.5 mm)
CGS5NK7N	1/8" x 2" (3.2 x 50.8 mm)	1/16" x 2-1/2" (1.6 x 63.5 mm)

Minimum order: 1 each. All Screen Roller Tools can be combined for quantity pricing.

CRL Comfort Grip Steel Combination Roller Tools

- Ball Bearing Rollers for Smooth Operation





Concave Round

The CRL Steel Combination Roller has a round edge steel roller on one end and a concave steel roller on the other. All rollers have ball bearing inner races for smooth operation. This is a 'must have' tool whenever rolling aluminum or any other metal screen.

CAT. NO.	CONCAVE EDGE ROLLER	ROUND EDGE ROLLER
CGS5K6	3/32" x 2" (2.4 x 50.8 mm)	1/16" x 2-1/2" (1.6 x 63.5 mm)
CGS5K7	1/8" x 2" (3.2 x 50.8 mm)	1/16" x 2-1/2" (1.6 x 63.5 mm)

Minimum order: 1 each. All Screen Roller Tools can be combined for quantity pricing.

CRL Combination Spline Roller and Screen Wire Cutters

- Designed for Speed and Efficiency
- Choose From Nylon or Steel Roller Models





Concave

Get two uses out of the CRL Combination Spline Roller and Screen Wire Cutter. Use one end to roll fiberglass screen into the frame, and the other to cut excess screen off as the spline is installed. Available with two roller sizes in either nylon or steel. **NOTE:** Not available in Australia.

CAT. NO.	ROLLER	ROLLER THICKNESS	ROLLER DIAMETER
K6N96	Nylon	3/32" (2.4 mm)	2" (50.8 mm)
K7N96	Nylon	1/8" (3.2 mm)	2" (50.8 mm)
K696	Steel	3/32" (2.4 mm)	2" (50.8 mm)
K796	Steel	1/8" (3.2 mm)	2" (50.8 mm)

Minimum order: 1 each. All Roller Tools can be combined for quantity pricing.

CRL Steel Flat Edge Roller Tool

- 2" (50.8 mm) Wide Roller for Smoothing Flat Spline





Flat

The 2" wide by 2" (50.8 x 50.8 mm) diameter steel ball bearing roller on our Flat Roller Tool is riveted to a steel yoke, and mounted to a contour-grip, finished wood handle. Use it to smooth out flat spline or glazing vinyl prior to insertion in the frame. **NOTE:** Not available in Australia.

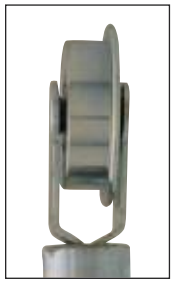
CAT. NO.	ROLLER THICKNESS	ROLLER DIAMETER
27FR5	2" (50.8 mm)	2" (50.8 mm)

Minimum order: 1 each. All Roller Tools can be combined for quantity pricing.

CRL Steel Step Roller Tool

- Two Tools in One
- Hardwood Handle





Step

You get two tools in one with this CRL Step Tool. It combines the uses of a Bevel Roller Tool and a Flat Roller Tool. The steel ball bearing roller is mounted to a contour grip hardwood handle. **NOTE:** Not available in Australia.

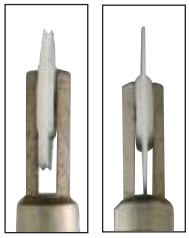
CAT. NO.	ROLLER THICKNESS	ROLLER DIAMETER
27S3	1/16" (1.6 mm)	2" (50.8 mm)

Minimum order: 1 each. All Roller Tools can be combined for quantity pricing.

CRL Heavy-Duty Combination Nylon Wheel Screen and Spline Roller Tool

- Our Most Popular Screening Tool





Concave Round

Get maximum efficiency with one of the most popular and widely used tools in the industry. One round edge and one concave nylon roller with steel ball bearings. The rollers are replaceable when worn. The contoured hardwood handle makes it comfortable to hold. **NOTE:** Not available in Australia.

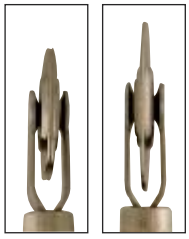
CAT. NO.	CONCAVE EDGE ROLLER (THICKNESS X DIAMETER)	ROUND EDGE ROLLER (THICKNESS X DIAMETER)
S5NK7N	1/8" x 2" (3.2 x 50.8 mm)	1/16" x 2-1/2" (1.6 x 63.5 mm)

Minimum order: 1 each. All Screen Roller Tools can be combined for quantity pricing.

CRL Heavy-Duty Combination Steel Wheel Screen and Spline Roller Tools

- Four Roller Combinations to Choose From
- Steel Ball Bearings on Both Rollers





Concave Round

Take your choice of four different roller size combinations. These rollers all have steel ball bearings, hardened and polished for smooth rolling. A contoured hardwood handle gives a comfortable grip, and the easy rolling rollers alleviate fatigue and facilitate finishing the job. Features one round edge and one concave edge roller. **NOTE:** Not available in Australia.

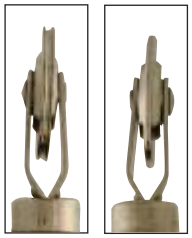
CAT. NO.	CONCAVE EDGE ROLLER (THICKNESS X DIAMETER)	ROUND EDGE ROLLER (THICKNESS X DIAMETER)
S5K7	1/8" x 2" (3.2 x 50.8 mm)	1/16" x 2-1/2" (1.6 x 63.5 mm)
166166RN	1/8" x 3" (3.2 x 76.2 mm)	1/16" x 3" (1.6 x 76.2 mm)
S5K3	5/32" x 1-1/2" (4.0 x 38.1 mm)	1/16" x 2-1/2" (1.6 x 63.5 mm)
S5K8	5/32" x 2" (4.0 x 50.8 mm)	1/16" x 2-1/2" (1.6 x 63.5 mm)

Minimum order: 1 each. All Screen Roller Tools can be combined for quantity pricing.

CRL Standard Combination Steel Wheel Screen and Spline Roller Tool

- Popular Roller Diameters and Thicknesses





Concave Round

The concave edge and round edge steel rollers on this tool are mounted on ball bearings for smooth rolling operation. The contour grip handle is easy to hold, and hardened steel rollers give you long lasting use. **NOTE:** Not available in Australia.

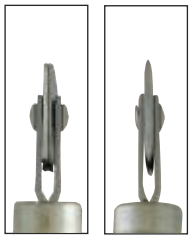
CAT. NO.	CONCAVE EDGE ROLLER (THICKNESS X DIAMETER)	ROUND EDGE ROLLER (THICKNESS X DIAMETER)
PL7508	1/8" x 1-1/2" (3.2 x 38.1 mm)	3/32" x 1-1/2" (2.4 x 38.1 mm)

Minimum order: 1 each. All Screen Roller Tools can be combined for quantity pricing.

CRL Basic Combination Steel Wheel Screen and Spline Roller Tool

- Contoured Wood Handle





Concave Round

Two steel rollers, one round and one concave, are mounted on a contoured wood handle that makes handling easier. Packaged for over the counter sales, it's also a good tool for shop use. **NOTE:** Not available in Australia.

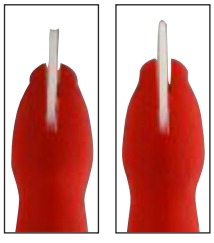
CAT. NO.	CONCAVE EDGE ROLLER (THICKNESS X DIAMETER)	ROUND EDGE ROLLER (THICKNESS X DIAMETER)
PL7505	3/32" x 1-1/4" (2.4 x 31.8 mm)	3/32" x 1-1/4" (2.4 x 31.8 mm)

Minimum order: 1 each. All Screen Roller Tools can be combined for quantity pricing.

CRL Basic Combination Nylon Wheel Screen and Spline Roller Tool

- Lightweight Hollow Handle





Concave Round

MORE CHOICES crlaurence.com

Featuring a round edge and concave edge nylon roller mounted in lightweight plastic handle, the CRL Combination Nylon Wheel Screen and Spline Roller is ideal for shop use or over the counter sales.

CAT. NO.	CONCAVE EDGE ROLLER (THICKNESS X DIAMETER)	ROUND EDGE ROLLER (THICKNESS X DIAMETER)
PL7503	5/32" x 1-5/8" (4.0 x 41.3 mm)	3/32" x 1-5/8" (2.4 x 41.3 mm)

Minimum order: 1 each. All Screen Roller Tools can be combined for quantity pricing.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Comfort Grip Single Concave Edge Roller Tools

- Choice of Nylon or Steel Rollers





Concave

CRL Single Concave Edge Roller Tools are available with either a nylon or steel roller. They have ball bearing inner races to provide smooth operation.

CAT. NO.	ROLLER	ROLLER THICKNESS	ROLLER DIAMETER
CG27K6N	Nylon	3/32" (2.4 mm)	2" (50.8 mm)
CG27K7N	Nylon	1/8" (3.2 mm)	2" (50.8 mm)
CG27K6	Steel	3/32" (2.4 mm)	2" (50.8 mm)
CG27K7	Steel	1/8" (3.2 mm)	2" (50.8 mm)

Minimum order: 1 each. All Screen Roller Tools can be combined for quantity pricing.

CRL Single Concave Edge Nylon Wheel Spline Roller Tools

- Three Models to Accommodate Different Spline Sizes





Concave

Concave Edge Nylon Roller Tools for retainer spline installation. Nylon ball bearing roller riveted to a steel yoke. Finished wood handle has a contoured grip. Choose from three roller thicknesses to accommodate different screen spline sizes. **NOTE:** Not available in Australia.

CAT. NO.	ROLLER THICKNESS	ROLLER DIAMETER
27K6N	3/32" (2.4 mm)	2" (50.8 mm)
27K7N	1/8" (3.2 mm)	2" (50.8 mm)
27K9N	3/16" (4.8 mm)	2" (50.8 mm)

Minimum order: 1 each. All Screen Roller Tools can be combined for quantity pricing.

CRL Single Concave Edge Steel Wheel Spline Roller Tools

- Six Sizes to Choose From
- Finished Wood Handle With Contoured Grip





Concave

Steel Concave Edge Rollers for retainer spline installation. Steel ball bearing roller riveted to a steel yoke. Finished wood handle with contour grip. Different roller thicknesses accommodate varying spline diameters. **NOTE:** Not available in Australia.

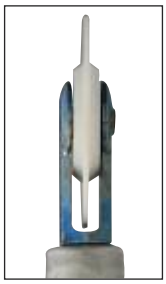
CAT. NO.	ROLLER THICKNESS	ROLLER DIAMETER
27K1	3/32" (2.4 mm)	1-1/2" (38.1 mm)
27K6	3/32" (2.4 mm)	2" (50.8 mm)
27K2	1/8" (3.2 mm)	1-1/2" (38.1 mm)
27K7	1/8" (3.2 mm)	2" (50.8 mm)
27166	1/8" (3.2 mm)	3" (76.2 mm)
27K8	5/32" (4.0 mm)	2" (50.8 mm)

Minimum order: 1 each. All Screen Roller Tools can be combined for quantity pricing.

CRL Single Round Edge Nylon Wheel Screen Roller Tool

- Most Popular for Fiberglass Screen Wire





Round

MORE CHOICES crlaurence.com

Nylon Round Edge Roller for screen wire insertion into screen frame. Nylon ball bearing roller riveted to a steel yoke. Finished wood handle with contour grip. **NOTE:** Not available in Australia.

CAT. NO.	ROLLER THICKNESS	ROLLER DIAMETER
27S5N	1/16" (1.6 mm)	2-1/2" (63.5 mm)

Minimum order: 1 each. All Screen Roller Tools can be combined for quantity pricing.

CRL Single Round Edge Steel Wheel Screen Roller Tools

- Five Size Combinations to Choose From
- Steel Ball Bearing Wheel





Round

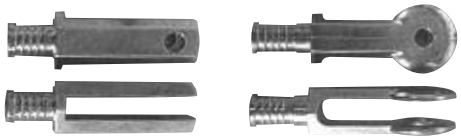
Steel Round Edge Rollers for screen wire insertion into screen frame. Steel ball bearing roller riveted to a steel yoke. Finished wood handle with contour grip. Varying roller thicknesses to accommodate any size screen frame. **NOTE:** Not available in Australia.

CAT. NO.	ROLLER THICKNESS	ROLLER DIAMETER
27S1	1/16" (1.6 mm)	2" (50.8 mm)
27S5	1/16" (1.6 mm)	2-1/2" (63.5 mm)
27166RN	1/16" (1.6 mm)	3" (76.2 mm)
27S6	3/32" (2.4 mm)	2-1/2" (63.5 mm)
27S7	1/8" (3.2 mm)	2-1/2" (63.5 mm)

Minimum order: 1 each. All Screen Roller Tools can be combined for quantity pricing.

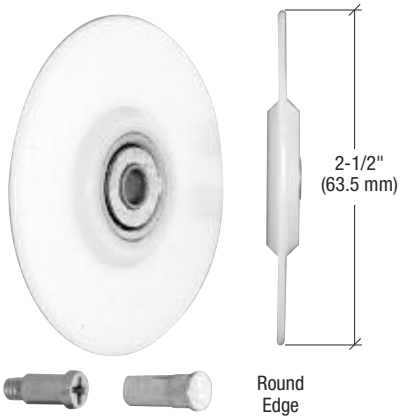
CRL Nylon Replacement Wheels for Spline Roller Tools

- Fully Raced Ball Bearing Inserted Into Nylon Wheel
- Includes Replacement Axle
- Two Hub Thicknesses



Narrow Fork | Wide Fork

Correct replacement wheel identification must be done by matching the wheel fork of your existing tool with the appropriate hub thickness.



NARROW FORK CAT. NO.	WIDE FORK CAT. NO.	WHEEL TYPE	WHEEL THICKNESS	WHEEL DIAMETER
REPS5N	WREPS5N	Round Edge	1/16" (1.6 mm)	2-1/2" (63.5 mm)
REPK6N	WREPK6N	Concave Edge	3/32" (2.4 mm)	2" (50.8 mm)
REPK7N	WREPK7N	Concave Edge	1/8" (3.2 mm)	2" (50.8 mm)
REPK9N	---	Concave Edge	3/16" (4.8 mm)	2" (50.8 mm)

Minimum order: 1 each.

CRL Heavy-Duty Screen Shears



- For Fiberglass and Aluminum Screen Wire
- Comfortable, Balanced Grip

These Heavy-Duty Screen Shears speed the assembly time when fabricating screens. The comfortable grip and 10" (254 mm) blades cut aluminum and fiberglass screen easily. Minimum order is one each.



CAT. NO. P8062

CRL Euro Screen Shears

- For Fiberglass and Aluminum Screen Wire

European-made Shears have tempered stainless steel 10" (254 mm) blades to cut aluminum and fiberglass screen cloth. Non-handed, oversized, rubberized grips for maximum comfort and control. Minimum order is one each.

MORE INFORMATION crlaurence.com



CAT. NO. P8377

CRL Tele-Tape Measuring Sticks

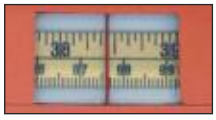
- Three Lengths Offered
- Fractional and Metric Scale

The Tele-Tape Measuring Stick provides precise and reliable measurements whether used up or down, diagonally or flat. The built-in measuring tape and the oversized roll-up device are very tough, and can withstand extreme strain.



CAT. NO.	MINIMUM/MAXIMUM MEASURING LENGTH
TTE118	28" to 118" (711 to 2997 mm)
TTE158	34" to 158" (864 to 4013 mm)
TTE197	42" to 197" (1067 to 5004 mm)

Minimum order: 1 each. Sizes can be combined for quantity pricing.



Analog Display

CRL Accu-Rule Measuring Rods

- Light and Easy to Handle
- Fractional Scale Only



CAT. NO.	MINIMUM/MAXIMUM MEASURING LENGTH
P8066	20" to 32"
P8065	30" to 60"
P8064	60" to 119"

Minimum order: 1 each. Sizes can be combined for quantity pricing. **NOTE:** Imperial measurements only, there are no metric markings.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Screen Table and Table Tower Kits

- Boltless Metal Framing Locks Into Place With the Tap of a Mallet
- Designed for Use With 3/4" Particleboard or Plywood (Not Included)
- Comfortable 36" (194 mm) Working Height
- Adjustable Shelf Height for Storing Screen Supplies
- Table or Tower Kits Ship U.P.S. in One Carton

The CRL Screen Table Kit will provide you with a table surface of 32 square feet (2.97 mtrs. sq.), and 64 square feet (5.95 mtrs. sq.) of storage area. Upon arrival all you have to do is tap the framework together, add 48" x 96" (1.2 x 2.4 m) pieces of particleboard or plywood, which you provide, and you are ready to go.

The Table Tower Kit (sold separately) is a perfect addition to your new Screen Table. The Tower keeps screen wire up to 48" (1.22 m) wide and spline (both sold separately) right at your fingertips.

CAT. NO.	DESCRIPTION
P8060R	Screen Table Kit
P8076R	Table Tower Kit

Minimum order: 1 each.



CRL Screen Table Jig Set

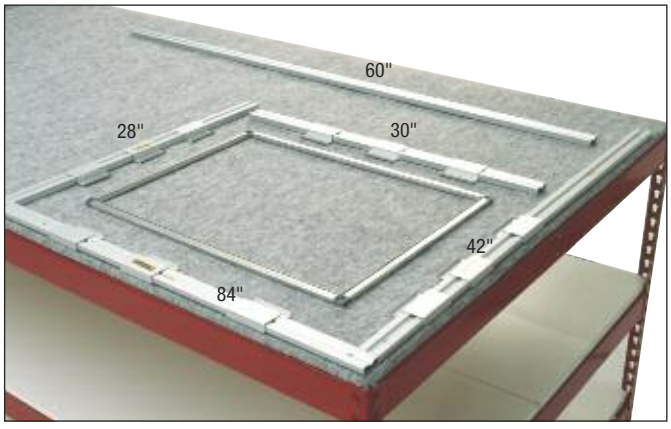
- Allows Screen Frame to be Held Firmly and Squarely in Place While Installing Screen Wire

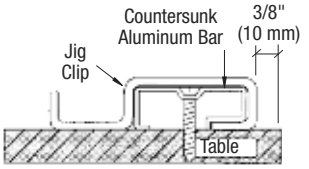
The CRL Screen Table Jig Set makes fabricating window screens easier because it keeps the screen frame square and prevents "Hour Glass" bow-in. The Set has six extruded aluminum Jig Bars. Three Bars are floaters, and three are stationary. One is 42" (1.06 m) for the short end of the table, and two are to be mounted end to end with a steel splice (included) for the 96" (2.44 m) long side of the table. This allows the Jig Set to ship standard U.P.S.

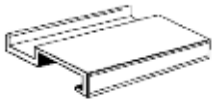
The Kit also includes 12 each 3/4" (19 mm) Jig Clips. Once the two Stationary Bars are mounted to the table, slip three Clips onto each side. The center Clip does the work by holding the frame as straight as the Jig Bar and preventing bow in. Extra Jig Clips are available for either 3/4" (19 mm) or 1" (25 mm) frame.

CAT. NO.	DESCRIPTION
P7924	Screen Table Jig Set
P7932	Set of Four 3/4" (19 mm) Jig Clips
P7933	Set of Four 1" (25 mm) Jig Clips

Minimum order: 1 each.







Additional Jig Clips are available for 3/4" (19 mm) or 1" (25 mm) Screen Frame.

CRL 10" High Speed Saw Blade

- Excellent for Thin-Walled Aluminum Screen Frame
- 200 Teeth to Produce Burr-Free Cuts
- Long Lasting High Speed Steel

This 10" Hollow Ground High Speed Steel Saw Blade is designed for cutting thin-walled aluminum screen frame. The 200 teeth produce clean, burr-free cuts. 5/8" (15.9 mm) arbor. Minimum order is one each.

MORE CHOICES
crlaurence.com



CAT. NO. SHS10X200

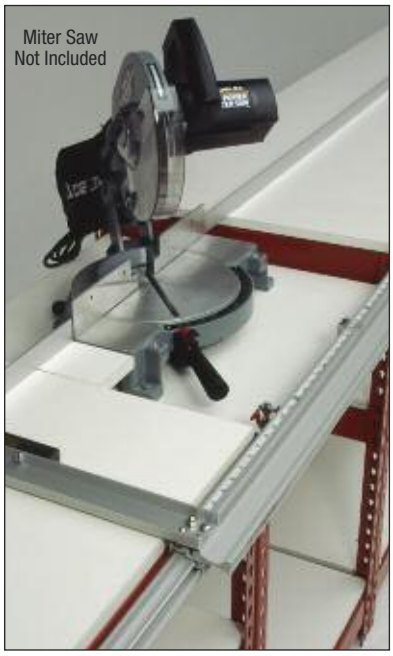
CRL Miter Saw Table Kit

MORE INFORMATION crlaurence.com

- Sturdy Painted Steel Framing Locks Into Place With the Tap of a Mallet – No Bolts Required!
- All You Supply is 1/2" or 3/4" (12 or 19 mm) Plywood or Particleboard and Your Miter Saw
- Work Surface Height is 36" (914 mm), Middle Shelf Height is Adjustable

Here is a quick, easy way to make the cutting area in your shop more efficient. The CRL Miter Saw Table Kit ships to you conveniently via U.P.S. oversized in three cartons. Once assembled the 18' (5.48 m) table can handle just about any cutting need. It has a comfortable 36" (914 mm) work height, and the 24" (610 mm) depth allows you plenty of table surface to work on. The additional cross members let you convert this space into usable storage for your supplies and tools. The only items you need to provide are the pieces of 1/2" or 3/4" (12 or 19 mm) particleboard or plywood and your miter saw. Minimum order is one each.





CAT. NO. P8061R

Shown with E-Z Slide Cut-Off Gauge, which must be ordered separately

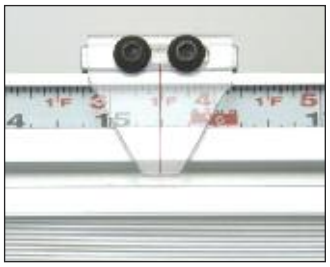
CRL E-Z Slide Cut-Off Gauge

- Fast and Accurate Lineal Measuring
- Measures Stock Lengths From 6" (152 mm) to 108" (2.74 m)
- Easy-to-Read Measurement Indicator
- Made of Extruded Aluminum
- Choose From Left Hand or Right Hand Models

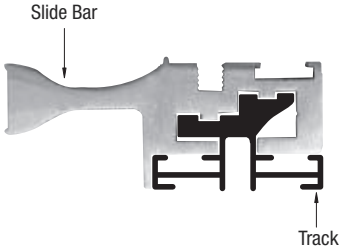
The CRL E-Z Slide Cut-Off Gauge provides accurate lineal cuts with fast length change capability. Simply lift and slide the bar clamp to the appropriate dimension and flip the slide bar clamp to secure the stop.

All measurements are read directly in front of the miter saw for maximum operator efficiency. The stop arm allows you to cut multiple same length pieces with one cut. Stock lengths from 6" (152 mm) to 108" (2.74 m) can be measured.

The CRL E-Z Slide Cut-Off Gauge mounts easily to your existing bench or our Cat. No. P8061R Miter Saw Table Kit shown at the top of this page. Full mounting instructions are included.



Measurement Indicator





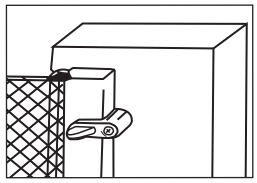
Left Hand E-Z Slide Cut-Off Gauge Cat. No. P7926 Shown

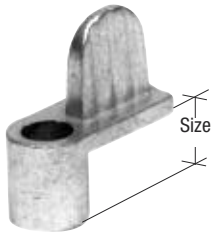
NOTE: Recommended gauge selection if the operator is left-handed, order a Cat. No. P7925 Right Hand Cut-Off Gauge. If the operator is right-handed, order a Cat. No. P7926 Left Hand Cut-Off Gauge.

CAT. NO.	DESCRIPTION
P7925	Right Hand E-Z Slide Cut-Off Gauge
P7926	Left Hand E-Z Slide Cut-Off Gauge
P7927	Right Hand Cut-Off Gauge Replacement Tape
P7928	Left Hand Cut-Off Gauge Replacement Tape

Minimum order: 1 each.

CRL Diecast Wing Clips



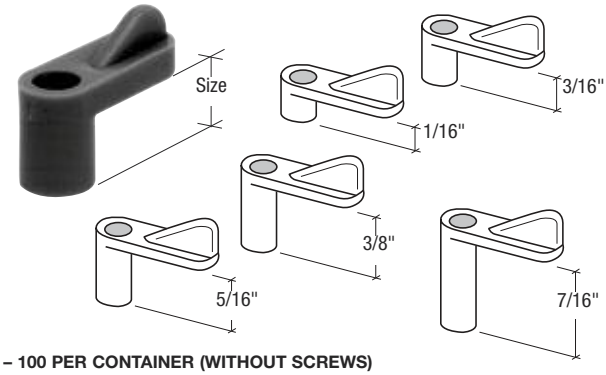


BULK – 100 PER CONTAINER (WITHOUT SCREWS)

ZINC CAT. NO.	BLACK CAT. NO.	WHITE CAT. NO.	SIZE	SCREW CODE
WSC310	WSC310BL	WSC310W	Flush	A
WSC311	WSC311BL	WSC311W	1/16" (1.6 mm)	A
WSC312	WSC312BL	WSC312W	1/8" (3.2 mm)	A
WSC313	WSC313BL	WSC313W	3/16" (4.8 mm)	A, F
WSC314	WSC314BL	WSC314W	1/4" (6.3 mm)	A, F
WSC315	WSC315BL	WSC315W	5/16" (7.9 mm)	A, D, F
WSC316	WSC316BL	WSC316W	3/8" (9.5 mm)	B, D, F
WSC317	WSC317BL	WSC317W	7/16" (11.1 mm)	B, D, G
WSC318	WSC318BL	WSC318W	1-3/16" (30.2 mm)	E, H

Minimum order for bulk hardware: 100 each. Must be ordered in increments of 100.

CRL Plastic Wing Clips



BULK – 100 PER CONTAINER (WITHOUT SCREWS)

GRAY CAT. NO.	BLACK CAT. NO.	WHITE CAT. NO.	SIZE	SCREW CODE
WSC301GRY	---	WSC301W	1/16" (1.6 mm)	A
WSC303GRY	---	---	3/16" (4.8 mm)	A, F
WSC305GRY	WSC305BL	WSC305W	5/16" (7.9 mm)	A, F
WSC306GRY	WSC306BL	WSC306W	3/8" (9.5 mm)	B, F
WSC307GRY	WSC307BL	WSC307W	7/16" (11.1 mm)	B, G

Minimum order for bulk hardware: 100 each. Must be ordered in increments of 100.

CRL Clip Screws for Thin Metal or Wood

Match the screw code to the Screen Clip you select for secure installations.



Pan Head Phillips Sheet Metal Screws

CAT. NO.	SIZE	SCREW CODE
8X58PHPSMS	8 x 5/8"	A
8X34PHPSMS	8 x 3/4"	B
10X34PHPSMS	10 x 3/4"	C
10X1PHPSMS	10 x 1"	D
10X2PHPSMS	10 x 2"	E

Minimum order for bulk hardware: 100 each.
Must be ordered in increments of 100.

CRL Clip Screws for Steel Sash Windows

To mount Screen Clips to steel casement windows.



Pan Head Phillips Self-Tapping Machine Screws

CAT. NO.	SIZE	SCREW CODE
1024X58PHPTS	10-24 x 5/8"	F
1024X34PHPTS	10-24 x 3/4"	G
1024X158PHPTS	10-24 x 1-5/8"	H

Minimum order for bulk hardware: 100 each.
Must be ordered in increments of 100.

CRL Adjustable Screen and Storm Panel Clamps

PACKAGED SETS OF FOUR CLAMPS AND SCREWS

CAT. NO.	COLOR	QTY/PKG
TDK10BRZ	Bronze	4
TDK10W	White	4

Minimum order: 1 pack. Colors can be combined for quantity pricing.

BULK PACKAGED CLAMPS AND SCREWS

CAT. NO.	COLOR	QTY/PKG
TDK1050BRZ	Bronze	200
TDK1050W	White	200

Minimum order: 1 pack. Colors can be combined for quantity pricing.

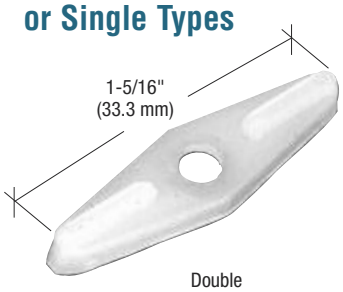


Used when the panel is below or inset from the face of the frame. Maximum extended adjustment is 3/4" (19 mm).

CRL Nylon Flush Clips

- Now in Double or Single Types

MORE CHOICES crlaurence.com



Double



Single

BULK – 100 PER CONTAINER (WITHOUT SCREWS)

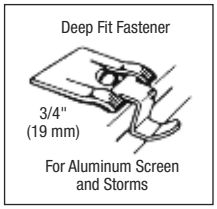
CAT. NO.	TYPE	COLOR
WSC375	Double	White
WSC380	Single	White
WSC380BL	Single	Black

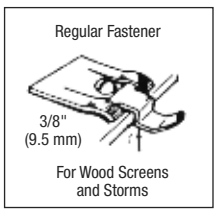
Minimum order for bulk hardware: 100 each. Must be ordered in increments of 100.

CRL Ludwig Snap Fasteners

- For Holding Wood or Aluminum Storm Windows and Screens







CAT. NO.	TYPE	QTY
D435	Deep Fit Fastener	144/Box
F144	Regular Fastener	144/Box
SK25	Regular Fastener	4/Pack

Minimum order: 1 box or 1 pack.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

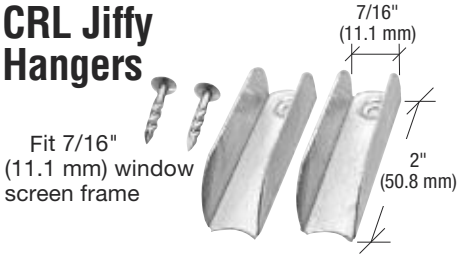
CRL Window Screen Hardware Sets



CAT. NO.	FINISH	QTY/PKG
WSC204M	Mill	100 Sets
WSC204GRY	Gray	100 Sets
WSC204BRZ	Bronze	100 Sets
WSC204W	White	100 Sets

Minimum order: 100 each. All bulk hardware can be combined for quantity pricing.

CRL Jiffy Hangers



CAT. NO.	FINISH	QTY/PKG
WSC201M	Mill	100 Pairs
WSC201GRY	Gray	100 Pairs
WSC201BRZ	Bronze	100 Pairs
WSC201W	White	100 Pairs

Minimum order: 100 each. All bulk hardware can be combined for quantity pricing.

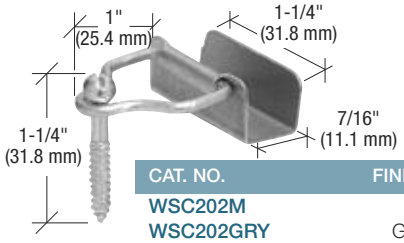
CRL Nail Set for Jiffy Hangers



The handy CRL Nail Set Tool lets you install 7/16" (11.1 mm) Jiffy Hangers for window screens quickly and easily. Minimum order is one each.

CAT. NO. WST910

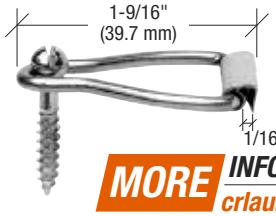
CRL Slip-On Bail Latch With Screw



CAT. NO.	FINISH
WSC202M	Mill
WSC202GRY	Gray
WSC202BRZ	Bronze
WSC202W	White

Minimum order: 100 each. All bulk hardware can be combined for quantity pricing.

CRL Spline Bail Latch With Screw

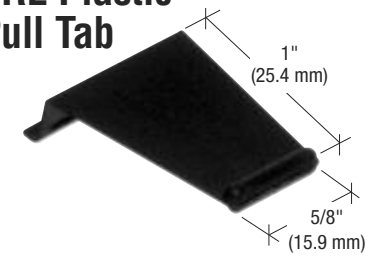


MORE INFORMATION crlaurence.com

CAT. NO.	FINISH	QTY/PKG
WSC203M	Mill	100 Sets
L5554	Mill	4 Sets

Minimum order: 100 each for WSC203M. 1 pack for L5554.

CRL Plastic Pull Tab



CAT. NO.	COLOR	QTY/PKG
WSC420	Natural	100 Bulk
WSC421	Black	100 Bulk

Minimum order: 100 each. All bulk hardware can be combined for quantity pricing.

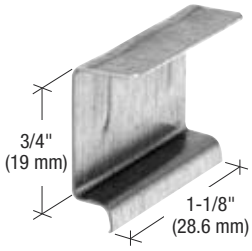
CRL Plastic "Loop" Pull Tab



CAT. NO.	COLOR	QTY/PKG
WSC424N	Natural	100
WSC424B	Black	100

Minimum order: 100 each. All bulk hardware can be combined for quantity pricing.

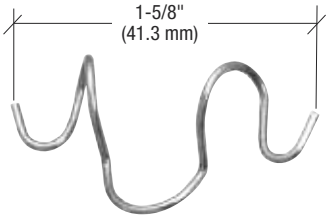
CRL Aluminum Lift Clip



CAT. NO.	FINISH	QTY/PKG
WSC425	Aluminum	100

Minimum order: 100 each. All bulk hardware can be combined for quantity pricing.

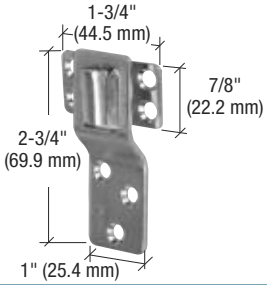
CRL Rams Horn Tension Spring



CAT. NO.	QTY/PKG
PL14853	50

Minimum order: 50 each. All bulk hardware can be combined for quantity pricing

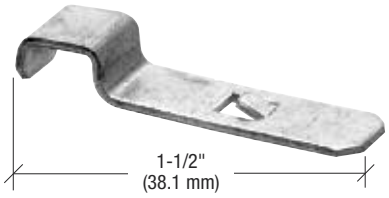
CRL Window Sash Hanger



CAT. NO.	QTY/PKG
L5661	2

Minimum order: 1 pack.

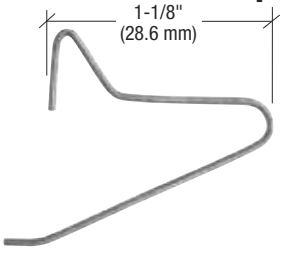
CRL Aluminum Slide Lock



CAT. NO.	FITS FRAME SIZES	FINISH	QTY/PKG
WSC635	3/4"	Aluminum	100

Minimum order: 100 each. All bulk hardware can be combined for quantity pricing.

CRL Wire Tension Spring

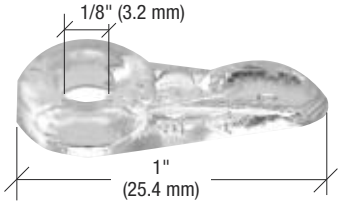


CAT. NO.	QTY/PKG
WSC408	100

Minimum order: 100 each. All bulk hardware can be combined for quantity pricing.

CRL Plastic Panel Clip

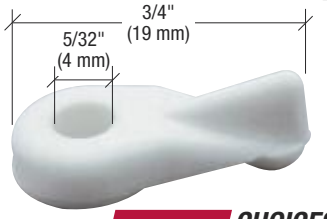
- Can Be Used for Glass or Wood Panels



CAT. NO.	COLOR	QTY/PKG
WSC370	Clear	100

Minimum order: 100 each.

CRL Plastic Panel Clip

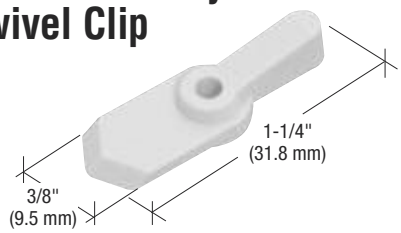


MORE CHOICES crlaurence.com

CAT. NO.	COLOR	QTY/PKG
3463031	White	100

Minimum order: 100 each.

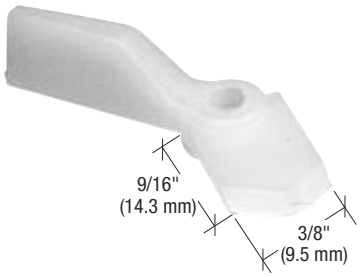
CRL Pointer Style Swivel Clip



CAT. NO.	COLOR	QTY/PKG
L5759	White	12
L5760	Black	12

Minimum order: 1 pack.

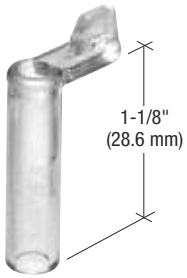
CRL Angled Swivel Clip



CAT. NO.	COLOR	QTY/PKG
L5617	White	12

Minimum order: 1 pack.

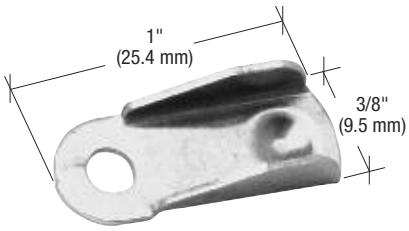
CRL Clear Plastic Wing Clip



CAT. NO.	COLOR	QTY/PKG
V720D	Clear	100

Minimum order: 100 each.

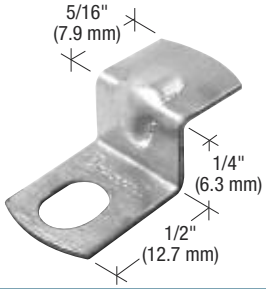
CRL Aluminum Flush Clip



CAT. NO.	FINISH	QTY/PKG
WSC385	Mill	100

Minimum order: 100 each.

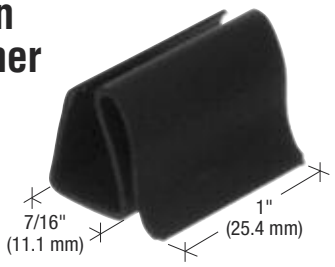
CRL Aluminum Offset Clip



CAT. NO.	FINISH	QTY/PKG
WSC390	Mill	100

Minimum order: 100 each.

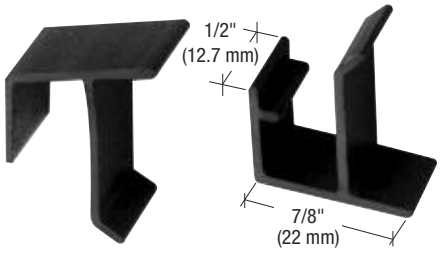
CRL Plastic Screen Retainer Clip



CAT. NO.	COLOR	QTY/PKG
WSC515	Charcoal	100

Minimum order: 100 each.

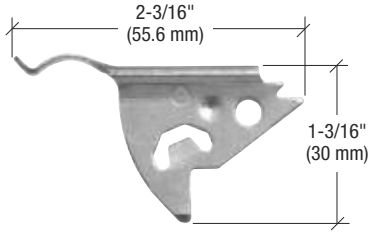
CRL Plastic Screen Clip



CAT. NO.	COLOR	QTY/PKG
WSC445	Black	100 Pair-Top/Bottom (Bulk)
L5563	Black	2 Sets

Minimum order: 100 pair, or 1 pack.

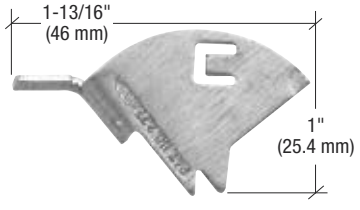
CRL Andersen Knife Latch



CAT. NO.	FINISH	QTY/PKG
SB202	Aluminum	1 Pair

Minimum order: 1 pack.

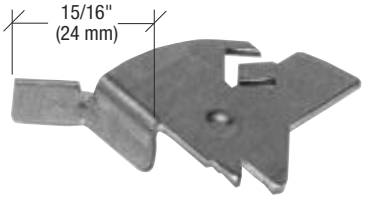
CRL Andersen Knife Latch



CAT. NO.	FINISH	QTY/PKG
SB208	Aluminum	1 Pair

Minimum order: 1 pack.

CRL Inside Blade Knife Latch

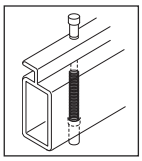


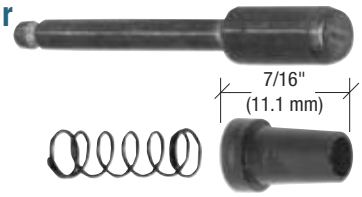
CAT. NO.	FINISH	QTY/PKG
WSC530	Aluminum	50 Pair
L5561	Aluminum	3 Pair

Minimum order: 100 each, or 1 pack.

CRL Diecast Plunger Latch

- Spring-Loaded Plunger





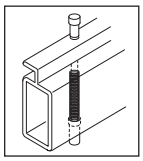
CAT. NO.	FRAME SIZE	QTY/PKG
WSC605	3/4" x 3/8" or 7/16" (19 x 9.5 or 11 mm)	100
WSC610	1" x 7/16" (25 x 11 mm)	100
L5541	3/4" x 3/8" or 7/16" (19 x 9.5 or 11 mm)	6
L5542	1" x 7/16" (25 x 11 mm)	6

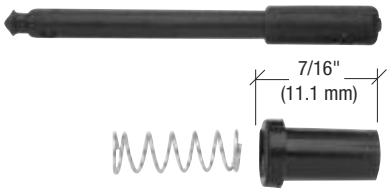
Minimum order: 100 each, or 1 pack.

CRL Nylon Plunger Latch

MORE CHOICES crlaurence.com

- Spring-Loaded Plunger



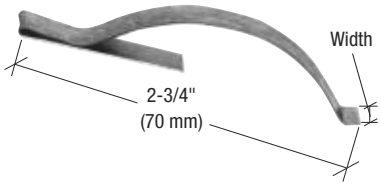


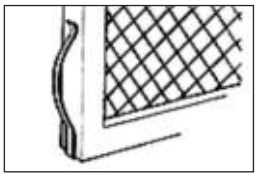
CAT. NO.	FRAME SIZE	QTY/PKG
WSC614	3/4" x 1/4" or 5/16" (19 x 6 or 8 mm)	100
WSC615	3/4" x 3/8" or 7/16" (19 x 9.5 or 11 mm)	100

Minimum order: 100 each.

CRL Screen Corner Tension Spring

- No Tools Required for Installation



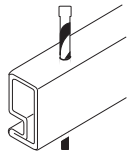


CAT. NO.	FITS FRAME SIZES	WIDTH	QTY/PKG
WSC410N	5/16" to 7/16" (8 to 11 mm)	1/4" (6 mm)	100
WSC411N	1/4" to 7/16" (6 to 11 mm)	3/16" (4.8 mm)	100

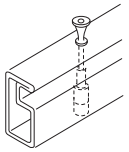
Minimum order: 100 each.

CRL Plunger Latch Step Drill





Drill hole from exterior edge of frame



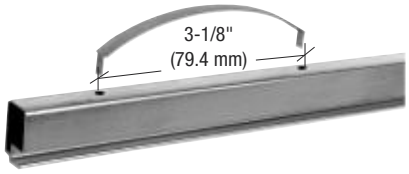
Insert plunger and spring, then bind knob from spline pocket edge of frame

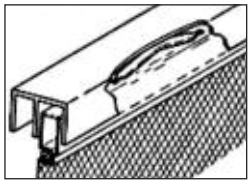
CRL's Plunger Latch Step Drill is used to drill the proper size hole in screen frame for Plunger Latches, all in a single operation. The two-step High Speed Steel Drill Bit has a 7/32" (5.6 mm) shank which "steps" down to 1/8" (3.2 mm). Minimum order is one each.

CAT. NO. WST905

CRL Flat Screen Frame Tension Spring

- Keeps Screen Frame Tight in Window Channel





CAT. NO.	FITS FRAME SIZES	FINISH	QTY/PKG
WSC410	5/16" to 3/8" (8 to 9.5 mm)	Aluminum	100

Minimum order: 100 each.

CRL Screen Frame Punch

- Used for Flat Tension Springs
- Works on 5/16" and 3/8" (8 to 9.5 mm) Frame

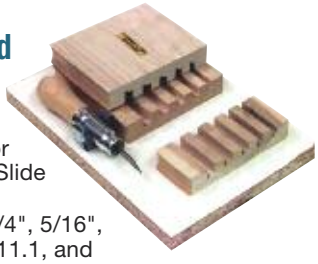




CAT. NO. WST930
Minimum order is one each

CRL Screen Frame Notching Jig and Tool

- For Quick, Easy Notching of Roll Formed Screen Frame
- Not for Use With Extruded Screen Frame



Our Notching Jig and Tool notches roll formed screen frame for the installation of Tension Springs, Slide Locks, and Knife Latches.

The grooved wooden Jig holds 1/4", 5/16", 3/8", 7/16", and 1/2" (6.3, 7.9, 9.5, 11.1, and 12.7 mm) frame securely while you notch it with the Notching Tool, which is included with the Jig or available separately.

CAT. NO.	HOLDS FRAME SIZES	DESCRIPTION
WST900	1/4" to 1/2" (6.3 to 12.7 mm)	Notching Jig and Tool Set
WST901	1/4" to 1/2" (6.3 to 12.7 mm)	Notching Tool Only

Minimum order: 1 each. **NOTE:** Not available in Australia.

CRL Plunger Latch Jig

- Nylon Jig Provides for Quick Installation and Will Not Scratch Frame
- Makes Clean, Straight Holes Every Time



The CRL Plunger Latch Jig ensures that you get a perfect Plunger Latch hole every time. The nylon Jig is designed to accommodate 1/4" to 7/16" (6.3 to 11.1 mm) screen frame. Because it is nylon, it will not scratch the frame. It has a large, comfortable handle, which allows you to hold your frame steady. The accompanying Step Drill has a stop collar, which assures the correct depth for the Plunger Latch. Minimum order is one each.

CAT. NO. WST920

MORE CHOICES crlaurence.com

CRL CM Supreme Steel Sliding Screen Doors

- Adjusts to Fit Opening Heights From 78" to 80-1/2" (1981 to 2045 mm)
- Double Cross Bars for Added Strength
- 1" (25 mm) Vinyl Bug Flap

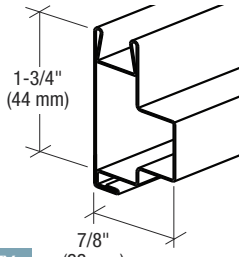
GUARDA COLUMBIA MANUFACTURING CORP. crlaurence.com SECURITY AND SCREEN PRODUCTS





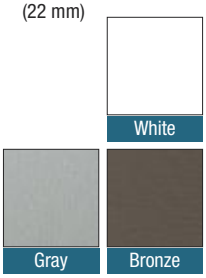
CRL CM Supreme Patio Screen Door Frames are crimp seam formed, corner stitched, and chemically bonded to eliminate gaps. They utilize a patented one-piece roll formed frame construction technique, making it stronger, more durable and at the same time eliminate racking. Doors have spring loaded adjustable hoods with nylon wheels that are held in place with binding posts to eliminate continuous readjusting. Sliders come assembled for consistent quality and performance.

An installation hardware pack includes interior handle, anti-rattlers and J-hook with attaching screws for patio door locking. Only basic tools are required for installation with easy-to-follow instructions.



CAT. NO.	COLOR	WIDTH	HEIGHT RANGE	PACK QTY.
1021101304	White	30" (762 mm)	78" - 80-1/2" (1981 - 2045 mm)	4
1021101404	White	36" (914 mm)	78" - 80-1/2" (1981 - 2045 mm)	4
1021101504	White	48" (1219 mm)	78" - 80-1/2" (1981 - 2045 mm)	4
1021081304	Gray	30" (762 mm)	78" - 80-1/2" (1981 - 2045 mm)	4
1021081404	Gray	36" (914 mm)	78" - 80-1/2" (1981 - 2045 mm)	4
1021081504	Gray	48" (1219 mm)	78" - 80-1/2" (1981 - 2045 mm)	4
1021091404	Bronze	36" (914 mm)	78" - 80-1/2" (1981 - 2045 mm)	4
1021091504	Bronze	48" (1219 mm)	78" - 80-1/2" (1981 - 2045 mm)	4

Minimum order for shipment is four each; fewer than four may be purchased in Will Call at any CRL Service Center.
All CRL Steel Screen Doors can be combined for quantity pricing. Must ship common carrier.



Ready to Install Right Out of the Carton

CRL Architectural Steel Sliding Screen Doors

- Adjusts to Fit Opening Heights from 78-1/4" to 81" (1988 to 2057 mm)
- Charcoal Fiberglass 18 x 16 Mesh
- 1" (25 mm) Vinyl Bug Flap
- Custom Sizes and Extruded Aluminum Models Available on Request

GUARDA COLUMBIA MANUFACTURING CORP. crlaurence.com SECURITY AND SCREEN PRODUCTS

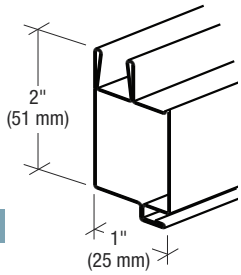


U.S. Patent No. 5,628,114



CRL Architectural Steel Sliding Screen Doors utilize a patented one-piece roll formed frame construction technique, making it stronger, more durable and at the same time eliminates racking. Frames are crimp seam formed, corner stitched, and chemically bonded to eliminate gaps. Doors have spring loaded adjustable hoods with nylon wheels that are held in place with binding posts to eliminate continuous readjusting. Sliders come assembled for consistent quality and performance.

An installation hardware pack, including J-hook with attaching screws for patio door locking, is included. Only basic tools are required for installation with easy-to-follow instructions.



CAT. NO.	COLOR	WIDTH	HEIGHT RANGE	PACK QTY.
1041401304	White	30" (762 mm)	78-1/4" - 81" (1988 - 2057 mm)	4
1041401404	White	36" (914 mm)	78-1/4" - 81" (1988 - 2057 mm)	4
1041401504	White	48" (1219 mm)	78-1/4" - 81" (1988 - 2057 mm)	4
1041491304	Bronze	30" (762 mm)	78-1/4" - 81" (1988 - 2057 mm)	4
1041491404	Bronze	36" (914 mm)	78-1/4" - 81" (1988 - 2057 mm)	4
1041491504	Bronze	48" (1219 mm)	78-1/4" - 81" (1988 - 2057 mm)	4

Minimum order for shipment is four each; fewer than four may be purchased in Will Call at any CRL Service Center.
All CRL Steel Screen Doors can be combined for quantity pricing. Must ship common carrier.



Ready to Install Right Out of the Carton

CRL Replace-All Sliding Screen Doors

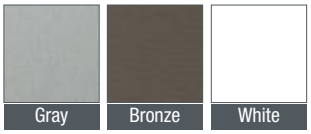
- Three Stock Sizes Cover Over 90% of the Demand for Replacement Doors
- Universal Left or Right Hand Mounting
- Strong Roll Formed Steel Frame
- Full 2" (51 mm) Vertical Expansion

CAT. NO.	FINISH	DOOR WIDTH	HEIGHT RANGE
RA265P	Gray	30" (762 mm)	78"-80" (1981-2032 mm)
RA26BRZ5P	Bronze	30" (762 mm)	78"-80" (1981-2032 mm)
RA26W5P	White	30" (762 mm)	78"-80" (1981-2032 mm)
RA305P	Gray	36" (914 mm)	78"-80" (1981-2032 mm)
RA30BRZ5P	Bronze	36" (914 mm)	78"-80" (1981-2032 mm)
RA30W5P	White	36" (914 mm)	78"-80" (1981-2032 mm)
RA405P	Gray	48" (1219 mm)	78"-80" (1981-2032 mm)
RA40BRZ5P	Bronze	48" (1219 mm)	78"-80" (1981-2032 mm)
RA40W5P	White	48" (1219 mm)	78"-80" (1981-2032 mm)

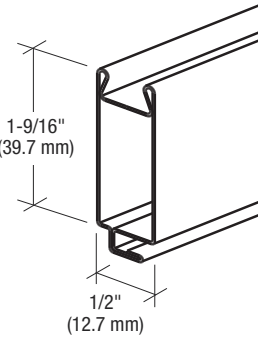
Minimum order: Five doors of the same size and finish (one carton). All Replace-All Doors can be combined for quantity pricing. **NOTE:** Must ship common carrier.

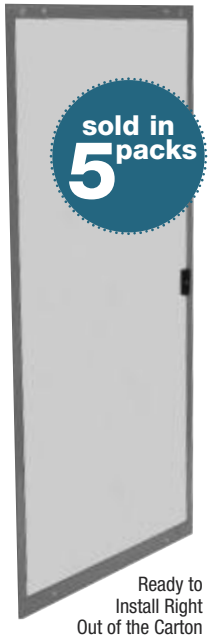
GUARDA COLUMBIA MANUFACTURING CORP. crlaurence.com SECURITY AND SCREEN PRODUCTS

These CRL Replace-All Sliding Screen Doors have a variable height of 78" to 80" (1981 to 2032 mm), with a full 2" (51 mm) vertical expansion adjustment. The Replace-All features a strong roll formed steel frame with baked enamel finish; durable charcoal fiberglass screening.









Ready to Install Right Out of the Carton

CRL K.D. Sliding Screen Door Kits

- Can Be Cut Down to Fit Any Size Opening
- Easy to Assemble and Install

CRL K.D. Screen Door Kits come complete with all component parts; you add just the Screen Wire and Retainer Spline (recommended spline size is .150"). The Nylon Rollers and Latching Handle are pre-installed, so you won't have to do any drilling, notching or fitting of these parts. Three finishes (gray, bronze, and white) are available to fit doors up to 97" (2464 mm) tall.



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81" (2057 MM) HIGH STANDARD DUTY 1-3/4" (44.5 MM) K.D. DOOR KITS

CAT. NO.	FINISH	MAXIMUM WIDTH
KD13430	Gray	31" (787 mm)
KD13436	Gray	37" (940 mm)
KD13448	Gray	49" (1245 mm)
KD13430BRZ	Bronze	31" (787 mm)
KD13436BRZ	Bronze	37" (940 mm)
KD13448BRZ	Bronze	49" (1245 mm)
KD13430W	White	31" (787 mm)
KD13436W	White	37" (940 mm)
KD13448W	White	49" (1245 mm)

Minimum order: 1 each. All K.D. Screen Door Kits can be combined for quantity pricing.

- Each Kit is Individually Packed to Ship U.P.S.

97" (2464 MM) HIGH STANDARD DUTY 1-3/4" (44.5 MM) K.D. DOOR KITS

CAT. NO.	FINISH	MAXIMUM WIDTH
KD13436X96	Gray	37" (940 mm)
KD13448X96	Gray	49" (1245 mm)
KD13436X96BRZ	Bronze	37" (940 mm)
KD13448X96BRZ	Bronze	49" (1245 mm)
KD13436X96W	White	37" (940 mm)
KD13448X96W	White	49" (1245 mm)

Minimum order: 1 each. All K.D. Screen Door Kits can be combined for quantity pricing.

MORE INFORMATION crlaurence.com

Each K.D. Door Kit Includes These Component Parts:


1-3/4" (44.5 mm) Roll Formed Frame Members


Extruded Aluminum Corners


Latching Handle


Strike and Nylon Guides


Nylon Roller Assemblies


Vinyl Bug Strip

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

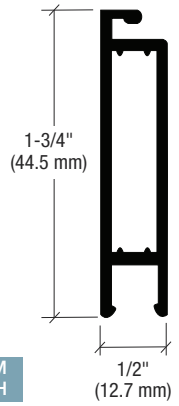
CRL US ALUMINUM

CRL Heavy-Duty Extruded K.D. Sliding Screen Door Kits

MORE INFORMATION crlaurence.com

- Available in 81" and 97" (2057 and 2464 mm) High Kits
- Can Be Cut Down to Fit Any Height

CRL Heavy-Duty K.D. Sliding Screen Door Kits have extruded aluminum frame members that will withstand years of frequent usage. Locking Latches and pre-installed steel ball bearing Roller Assemblies are top quality.
Each individually packaged Kit contains:
1-3/4" (44.5 mm) Extruded Aluminum Frame Members, Extruded Corners, Latching Handle, Top and Bottom Rollers, and Vinyl Bug Strip; everything except the Screen Wire and Retainer Spline.





HEAVY-DUTY 1-3/4" (44.5 MM) DOOR KITS

81" HIGH CAT. NO.	97" HIGH CAT. NO.	FINISH	MAXIMUM WIDTH
KDEX13430	----	Satin Anodized	31" (787 mm)
KDEX13436	KDEX13436X96	Satin Anodized	37" (940 mm)
KDEX13448	KDEX13448X96	Satin Anodized	49" (1245 mm)
KDEX13460	----	Satin Anodized	61" (1549 mm)
KDEX13430BRZ	----	Bronze	31" (787 mm)
KDEX13436BRZ	KDEX13436X96BZ	Bronze	37" (940 mm)
KDEX13448BRZ	KDEX13448X96BZ	Bronze	49" (1245 mm)
KDEX13460BRZ	----	Bronze	61" (1549 mm)
KDEX13430W	----	White	31" (787 mm)
KDEX13436W	KDEX13436X96W	White	37" (940 mm)
KDEX13448W	KDEX13448X96W	White	49" (1245 mm)
KDEX13460W	----	White	61" (1549 mm)

Minimum order: 1 each. All K.D. Screen Door Kits can be combined for quantity pricing.



- Each Kit is Individually Packed to Ship U.P.S.

CRL Champion Series K.D. Sliding Screen Door Kits

- Our Sturdiest Extruded Aluminum Frame Doors in Three Durable Finishes
- Extra Tough for Years of Frequent, Trouble-Free Use

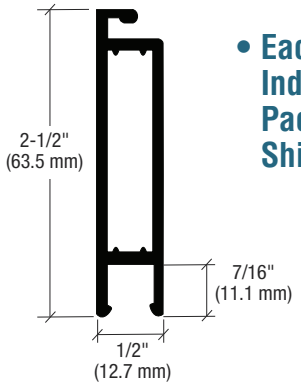
The CRL Champion Series K.D. Door Kits feature 2-1/2" (63.5 mm) extruded frame members and corners, steel ball bearing rollers, heavy-duty pull handle and latch, a bug strip, and full instructions. It's everything you need (except the screen wire and retainer spline) to fabricate a long-lasting, trouble-free screen door.



CHAMPION SERIES 2-1/2" (63.5 MM) DOOR KITS

CAT. NO.	FINISH	SIZE (W X H)
KDEX21230	Satin Anodized	32" x 82" (812 x 2082 mm)
KDEX21236	Satin Anodized	38" x 82" (965 x 2082 mm)
KDEX21248	Satin Anodized	50" x 82" (1270 x 2082 mm)
KDEX21260	Satin Anodized	62" x 82" (1574 x 2082 mm)
KDEX21236X96	Satin Anodized	38" x 97" (965 x 2464 mm)
KDEX21248X96	Satin Anodized	50" x 97" (1270 x 2464 mm)
KDEX21230W	White Powder Coat	32" x 82" (812 x 2082 mm)
KDEX21236W	White Powder Coat	38" x 82" (965 x 2082 mm)
KDEX21248W	White Powder Coat	50" x 82" (1270 x 2082 mm)
KDEX21260W	White Powder Coat	62" x 82" (1574 x 2082 mm)
KDEX21236X96W	White Powder Coat	38" x 97" (965 x 2464 mm)
KDEX21248X96W	White Powder Coat	50" x 97" (1270 x 2464 mm)
KDEX21230BRZ	Bronze Powder Coat	32" x 82" (812 x 2082 mm)
KDEX21236BRZ	Bronze Powder Coat	38" x 82" (965 x 2082 mm)
KDEX21248BRZ	Bronze Powder Coat	50" x 82" (1270 x 2082 mm)
KDEX21260BRZ	Bronze Powder Coat	62" x 82" (1574 x 2082 mm)
KDEX21236X96BZ	Bronze Powder Coat	38" x 97" (965 x 2464 mm)
KDEX21248X96BZ	Bronze Powder Coat	50" x 97" (1270 x 2464 mm)

Minimum order: 1 each. All K.D. Screen Door Kits can be combined for quantity pricing.

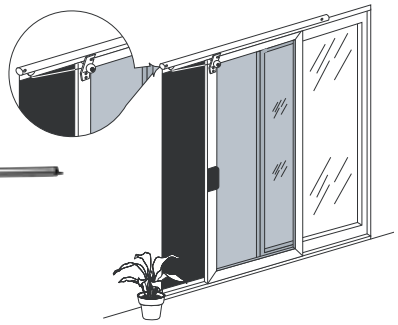


- Each Kit is Individually Packed to Ship U.P.S.

CRL Automatic Screen Door Closers

- Fits Doors Up to 60" (1524 mm) Wide
- Adjustable Closing Speed





Our Automatic Closer's 1" (25 mm) diameter tube is 61" (1549 mm) long to fit doors up to 60" (1524 mm) wide. It mounts above the screen door with two screws into the wall, and includes a bracket that attaches to the screen door. End cap has an air relief screw to adjust closing speed. **NOTE:** New original equipment rollers may need to be installed to make the door roll properly. Recommended for residential sliding screen door applications only.

CAT. NO.	FINISH	QTY/PKG
PL15535	Satin Aluminum	1
PL15536	Bronze Powder Coat	1
PL15537	White Powder Coat	1

Minimum order: 1 pack. Finishes can be combined for quantity pricing.

CRL Screen Door Closers

- Maximum Opening Width of 48" (1.22 m)



CAT. NO.	FINISH	QTY/PKG
B757	White	1
B784	Dark Bronze	1

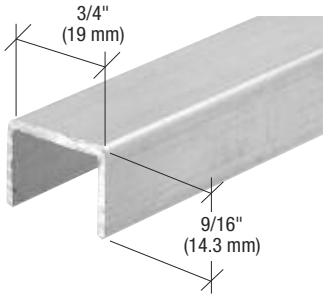
Minimum order: 1 pack. Finishes can be combined for quantity pricing.

CRL Aluminum Extrusions for Sliding Screen Doors

MORE CHOICES crlaurence.com

CRL Side Jamb Channel

CRL Extruded Aluminum Channel is used as a side jamb for sliding screen doors.

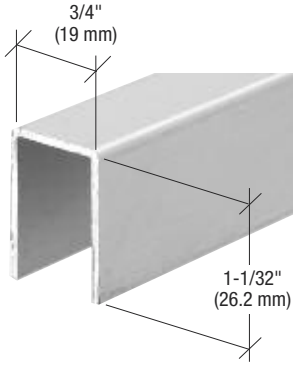


CAT. NO.	FINISH	LENGTH
3601A	Satin Anodized	144" (3.6 m)
3601BRZ	Bronze	144" (3.6 m)
3601W	White	144" (3.6 m)

Minimum order: 1 stock length. All Screen Extrusions can be combined for quantity pricing. A packing charge will be added to orders of fewer than 12 stock lengths of these extrusions (combined).

CRL Upper Jamb Channel

CRL Extruded Aluminum Jamb Channel is used as a top guide channel for sliding screen doors.

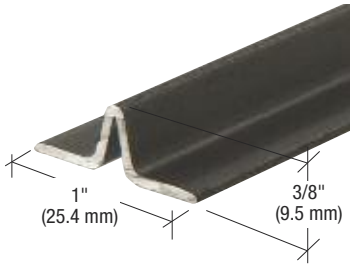


CAT. NO.	FINISH	LENGTH
3602A	Satin Anodized	144" (3.6 m)
3602BRZ	Bronze	144" (3.6 m)
3602W	White	144" (3.6 m)

Minimum order: 1 stock length. All Screen Extrusions can be combined for quantity pricing. A packing charge will be added to orders of fewer than 12 stock lengths of these extrusions (combined).

CRL Lower Track

CRL Extruded Aluminum Lower Track is used for sliding screen doors.

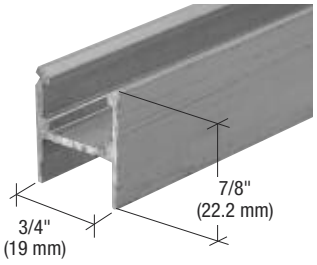


CAT. NO.	FINISH	LENGTH
3606A	Satin Anodized	144" (3.6 m)
3606BRZ	Bronze	144" (3.6 m)
3606W	White	144" (3.6 m)

Minimum order: 1 stock length. All Screen Extrusions can be combined for quantity pricing. A packing charge will be added to orders of fewer than 12 stock lengths of these extrusions (combined).

CRL Meeting Rail

CRL Extruded Aluminum Meeting Rail is used on double doors meeting in the center.



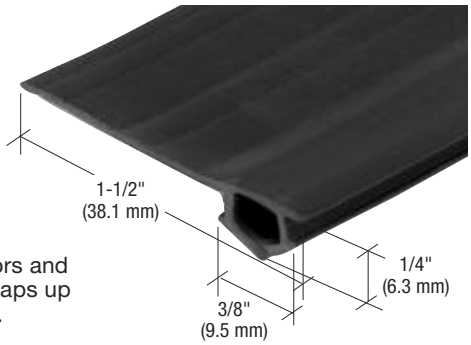
CAT. NO.	FINISH	LENGTH
3608A	Satin Anodized	108" (2.7 m)
3608BRZ	Bronze	108" (2.7 m)
3608W	White	108" (2.7 m)

Minimum order: 1 stock length. All Screen Extrusions can be combined for quantity pricing. A packing charge will be added to orders of fewer than 12 stock lengths of these extrusions (combined).

CRL Screen Door Bug Strip

- **Cut to Length Bulk Rolls**

CRL's most popular flexible vinyl Bug Strip has tear strips to easily size the strip to the correct gap width. Available in two colors and roll lengths. Seals gaps up to 15/16" (23.8 mm).



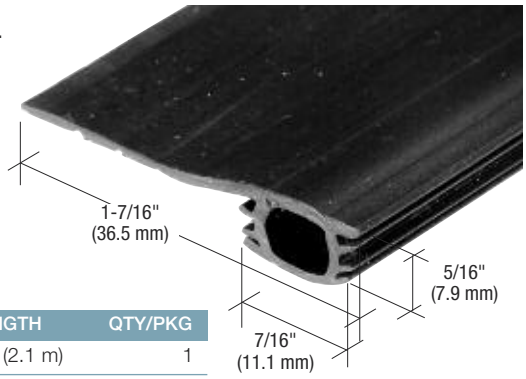
GRAY CAT. NO.	BLACK CAT. NO.	ROLL LENGTH
BS3109C	BS3109BLC	100' (30.5 m)
BS3109M	BS3109BLM	1000' (305 m)

Minimum order: 1 roll.

CRL Screen Door Bug Strip

MORE CHOICES crlaurence.com

Black vinyl flap has tear strips to adjust width from 7/8" to 1-7/16" (22 to 36.5 mm); flexible; seals against insects.

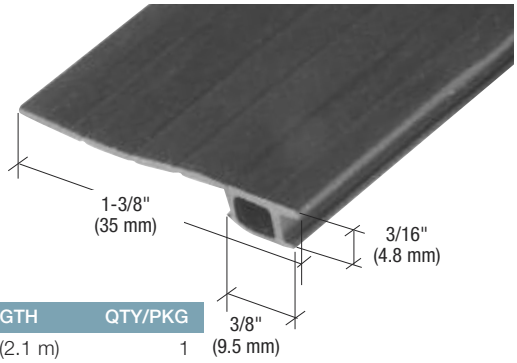


CAT. NO.	LENGTH	QTY/PKG
B716	84" (2.1 m)	1

Minimum order: 1 pack.

CRL Screen Door Bug Strip

Black vinyl flap has tear strips to adjust width from 7/8" to 1-3/8" (22 to 35 mm); flexible; seals against insects.

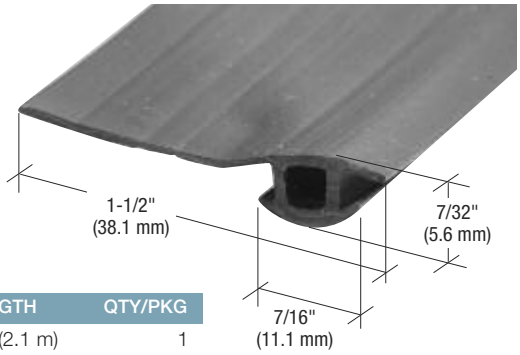


CAT. NO.	LENGTH	QTY/PKG
B660	84" (2.1 m)	1

Minimum order: 1 pack.

CRL Screen Door Bug Strip

Black vinyl flap has tear strips to adjust width from 7/8" to 1-1/2" (22 to 38 mm); flexible; seals against insects.

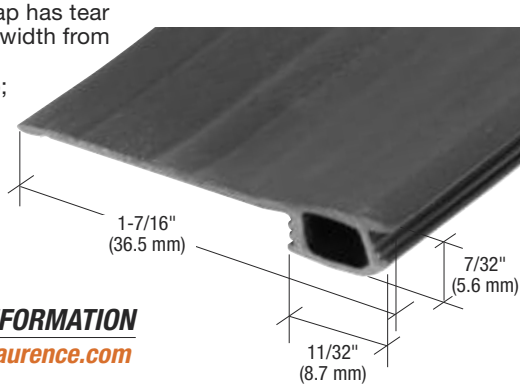


CAT. NO.	LENGTH	QTY/PKG
B621	84" (2.1 m)	1

Minimum order: 1 pack.

CRL Screen Door Bug Strip

Black vinyl flap has tear strips to adjust width from 3/4" to 1-7/16" (19 to 36.5 mm); flexible; seals against insects.



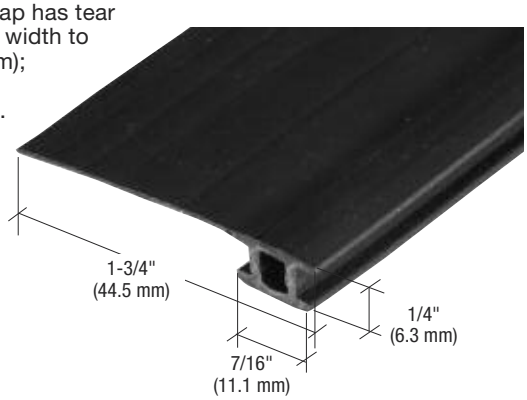
MORE INFORMATION crlaurence.com

CAT. NO.	LENGTH	QTY/PKG
B705	84" (2.1 m)	1

Minimum order: 1 pack.

CRL Screen Door Bug Strip

Black vinyl flap has tear strips to adjust width to 1-3/4" (44.5 mm); flexible; seals against insects.



CAT. NO.	LENGTH	QTY/PKG
B791	84" (2.1 m)	1

Minimum order: 1 pack.

All packs of Screen Door Bug Strip can be combined for quantity pricing.

CRL Euro Retractable Screen Door Kits for Single and Double Doors

- **Cut and Assemble on the Job Site for Fast, Easy Installation on In-Swing and Out-Swing Doors**
- **Two Standard Heights: 84" and 96" (2.1 and 2.4 m)**
- **Choice of White, Almond, and Bronze Finishes**

CRL Euro Retractable Screen Doors utilize unique design features and versatility to fit most applications. The top and bottom rails, plus the jamb and screen pocket, are made from extruded aluminum. The vinyl end caps and handle have a UV additive for long life. Each door has easy-to-see-through charcoal fiberglass screen wire.

All CRL Euro Retractable Screen Doors feature a unique, comfortable, and easy-to-use positive lift-to-latch handle that keeps the door firmly closed, even in windy areas. There's no need to break a magnetic field to release the door from the latch, which is an important advantage, especially for the elderly.

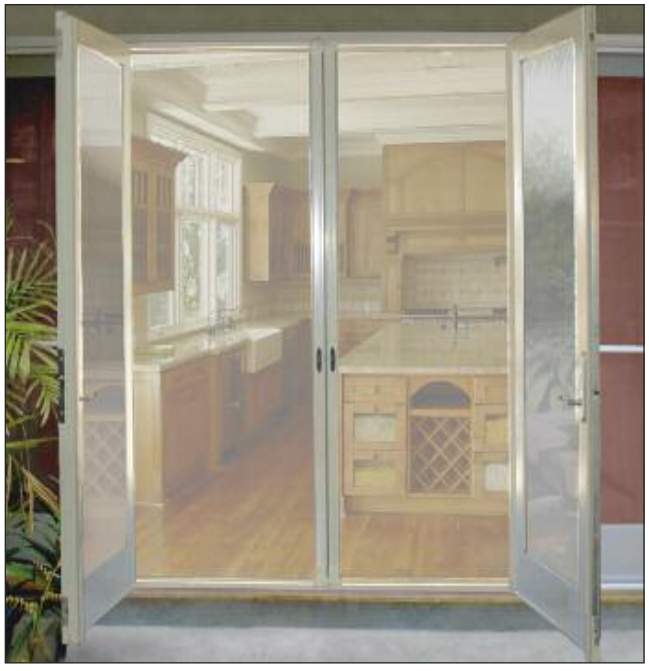
Kits are non-handed, so they're easily field reversible for left or right openings. They can be surface mounted on the outside of the door frame for in-swinging doors, or mounted inside of the door frame for out-swinging doors. Simple cuts with your chop saw sizes the door to the opening.



Single Door Installation

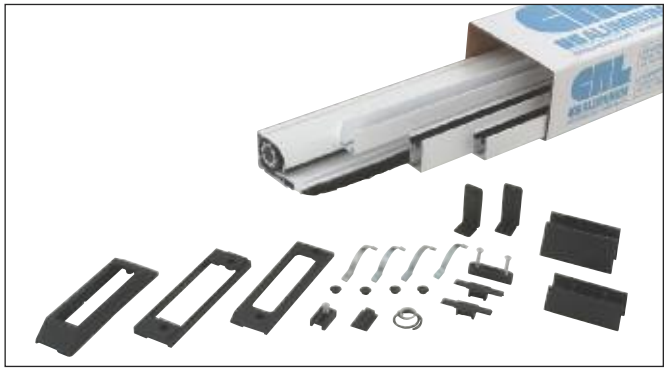
MORE INFORMATION crlaurence.com

Double Door Mounting Method



Double Door Installation

Since all CRL Euro Retractable Screen Door Kits have universal application mounting hardware, just bring two of our single door Kits to the job site and you're ready to go. Clear, easy-to-follow instructions show where to take cutting measurements. Double door installations require only that you trim the weatherstrip to keep the double door latches in position. Typical installation time is approximately 60 minutes. Go to **crlaurence.com/retractable-screens** for complete installation instructions.



- **Euro Screen Door Kits Come Complete in a Carefully Packed Carton That Can Ship Via U.P.S.**
- **Three Decorative Powder Coated Colors**

WHITE	ALMOND	BRONZE

WHITE CAT. NO.	ALMOND CAT. NO.	BRONZE CAT. NO.	MAXIMUM DOOR HEIGHT
RDS84W	RDS84ALM	RDS84BRZ	84" (2.1 m)
RDS96W	RDS96ALM	RDS96BRZ	96" (2.4 m)

Minimum order: 1 each. Sizes and colors can be combined for quantity pricing.

CRL Euro Retractable Window Screen Kits

MORE INFORMATION crlaurence.com

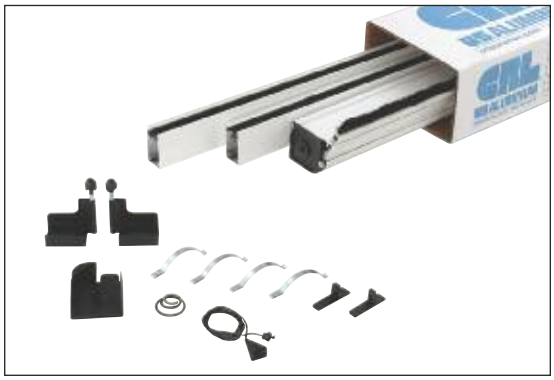
- **Euro Screen Kits Come Complete in a Carefully Packed Carton That Can Ship Via U.P.S.**
- **Complete With Easy-to-Follow Instructions**

All CRL Euro Retractable Window Screen Kits have a big maximum inside window height of 66" (1.68 m). Each Kit includes: powder coated extruded aluminum lineals, durable 18 x 16 mesh charcoal fiberglass screen wire, quality mounting hardware, and easy-to-follow instructions.

Screens are inside jamb mounted, and can be left in place all year, eliminating the need for seasonal removal and installation.

You can choose from four maximum opening widths in three beautiful finishes, creating a profitable addition to your screening services.





• Three Decorative Powder Coated Finishes

WHITE	ALMOND	BRONZE

CAT. NO.	FINISH	FITS MAXIMUM INSIDE JAMB OPENING
RWS31W	White	31" (787 mm)
RWS31ALM	Almond	31" (787 mm)
RWS31BRZ	Bronze	31" (787 mm)
RWS39W	White	39" (990 mm)
RWS39ALM	Almond	39" (990 mm)
RWS39BRZ	Bronze	39" (990 mm)
RWS47W	White	47" (1194 mm)
RWS47ALM	Almond	47" (1194 mm)
RWS47BRZ	Bronze	47" (1194 mm)
RWS55W	White	55" (1397 mm)
RWS55ALM	Almond	55" (1397 mm)
RWS55BRZ	Bronze	55" (1397 mm)

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.

CRL Dealer Sales Tools for Euro Retractable Screen Doors and Windows

• Increase Your Retractable Screen Sales With Demonstration Models and Specialized Literature



CAT. NO. ESWD2
Euro Retractable Single Door and Window Display





CAT. NO. RSD1F
Three Fold Sales Flyer

Spread the word that you offer high quality retractable window and door screens. Three fold Sales Flyers in full color explain the features, show finished installations, and have an area for you to add your company information. Quantity per package is 50. Minimum order is one pack.

Use the Dealer Demonstration Display in your showroom or bring it to your sales calls to effectively demonstrate the benefits of Retractable Screen products. Display has one CRL Euro Retractable Window Screen and one CRL Euro Retractable Screen Door. Also included are 50 each Cat. No. RSD1F Retractable Screen Sales Flyers. Minimum order is one each.

CRL Spring Tension Screen Door Rollers

MORE CHOICES crlaurence.com

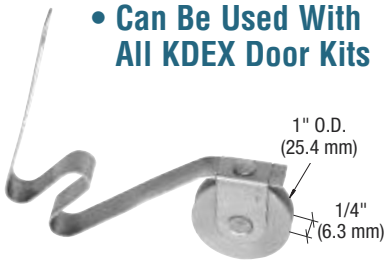
• Can Be Used With All KDEX Door Kits



CAT. NO.	ROLLER	QTY/PKG
B512	Nylon	2
B512B	Nylon	50
B640	Nylon B.B.	2

Minimum order: 1 pack.

• Can Be Used With All KDEX Door Kits



CAT. NO.	ROLLER	QTY/PKG
B513	Steel B.B.	2
B513B	Steel B.B.	50
B770	Stainless Steel B.B.	2

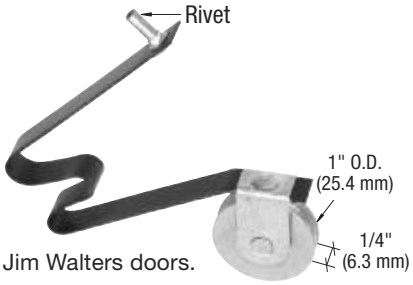
Minimum order: 1 pack.

• Stainless Steel Spring



CAT. NO.	ROLLER	QTY/PKG
B747	Nylon	2
B746	Stainless Steel B.B.	2

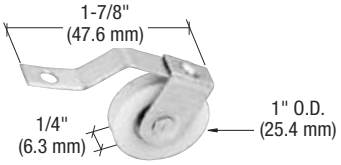
Minimum order: 1 pack.



Fits Jim Walters doors.

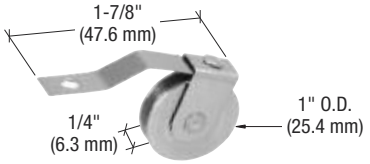
CAT. NO.	ROLLER	QTY/PKG
B643	Nylon	2
B644	Steel B.B.	2

Minimum order: 1 pack.



CAT. NO.	ROLLER	QTY/PKG
B638	Nylon	2
B638B	Nylon	50
B687	Nylon B.B.	2

Minimum order: 1 pack.



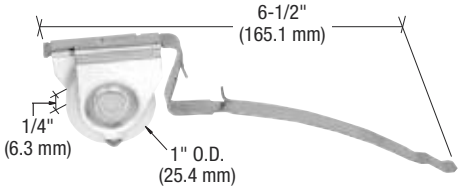
CAT. NO.	ROLLER	QTY/PKG
B639	Steel B.B.	2
B639B	Steel B.B.	30

Minimum order: 1 pack.



CAT. NO.	ROLLER	QTY/PKG
B570	Nylon	2
B570B	Nylon	50
B571	Steel B.B.	2
B571B	Steel B.B.	50
B688N	Nylon B.B.	2

Minimum order: 1 pack.

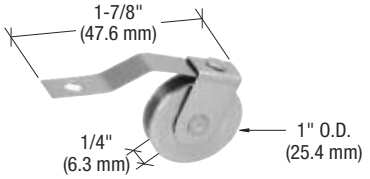


Fits Andersen doors.

CAT. NO.	ROLLER	QTY/PKG
B745	Nylon	1

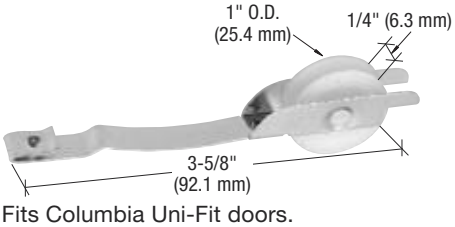
Minimum order: 1 pack.

• All Stainless Steel



CAT. NO.	ROLLER	QTY/PKG
B756	Stainless Steel B.B.	2

Minimum order: 1 pack.



Fits Columbia Uni-Fit doors.

CAT. NO.	ROLLER	QTY/PKG
B649	Nylon	2
B704	Steel B.B.	2
B649B	Nylon	50
B723	Nylon B.B.	2

Minimum order: 1 pack.

• Extruded Housing

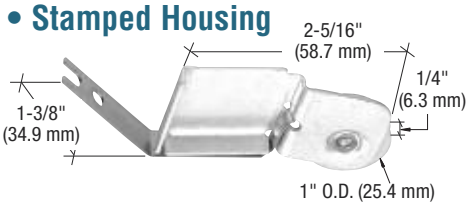


Fits International Series 900, 925, and 950 doors.

CAT. NO.	ROLLER	QTY/PKG
B517	Nylon	2
B689	Steel B.B.	2

Minimum order: 1 pack.

• Stamped Housing



Fits International Series 900, 925, and 950 doors.

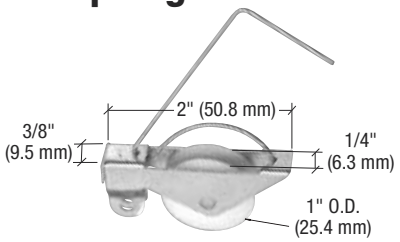
CAT. NO.	ROLLER	QTY/PKG
B634	Nylon	2
B690	Steel B.B.	2

Minimum order: 1 pack.

All packs of Screen Door Rollers can be combined for quantity pricing.

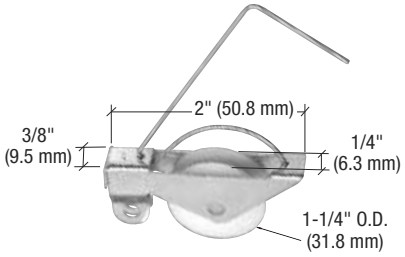
CRL Spring Tension Screen Door Rollers

MORE CHOICES crlaurence.com



CAT. NO.	ROLLER	QTY/PKG
B541	Nylon	2
B541B	Nylon	50
B610	Steel B.B.	2
B610B	Steel B.B.	50

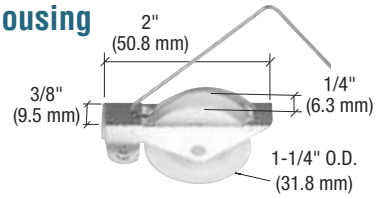
Minimum order: 1 pack.



CAT. NO.	ROLLER	QTY/PKG
B515	Nylon	2
B515B	Nylon	50
B714	Steel B.B.	2

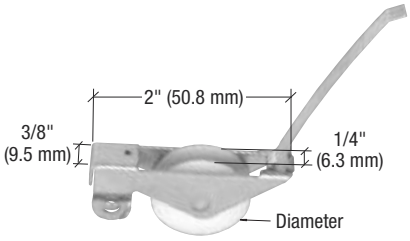
Minimum order: 1 pack.

• Stainless Steel Housing



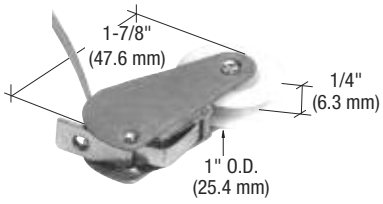
CAT. NO.	ROLLER	QTY/PKG
B736	Nylon	2

Minimum order: 1 pack.



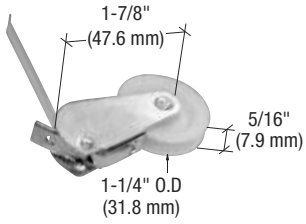
CAT. NO.	ROLLER	DIAMETER	QTY/PKG
B514	Nylon	1" (25.4 mm)	2
B636	Nylon	1-1/4" (31.8 mm)	2

Minimum order: 1 pack.



CAT. NO.	ROLLER	QTY/PKG
B518	Nylon	2
B518B	Nylon	50
B608	Steel B.B.	2

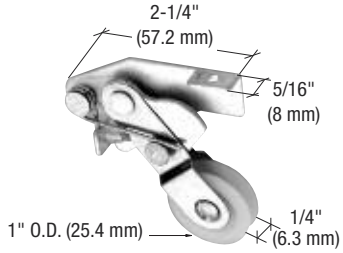
Minimum order: 1 pack.



CAT. NO.	ROLLER	QTY/PKG
B654	Nylon	2
B654B	Nylon	30

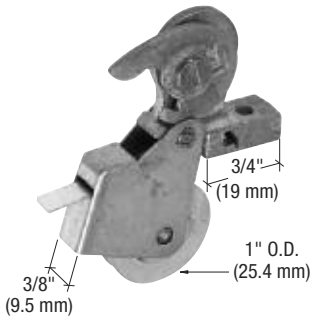
Minimum order: 1 pack.

CRL Screen Door Roller Assemblies



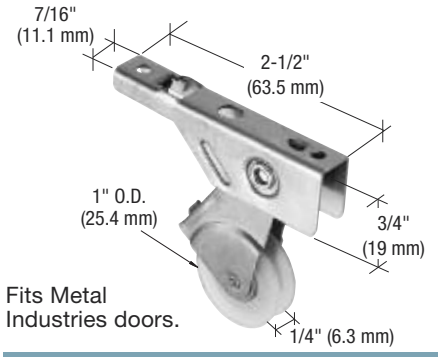
CAT. NO.	ROLLER	QTY/PKG
B641	Nylon	1
B641B	Nylon	15
B679	Steel B.B.	1
B720	Nylon B.B.	1

Minimum order: 1 pack.



CAT. NO.	ROLLER	QTY/PKG
B663	Steel B.B.	2

Minimum order: 1 pack.

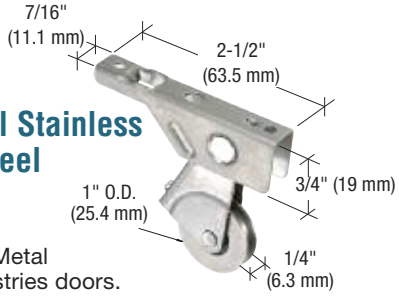


Fits Metal Industries doors.

CAT. NO.	ROLLER	QTY/PKG
B664	Nylon	2

Minimum order: 1 pack.

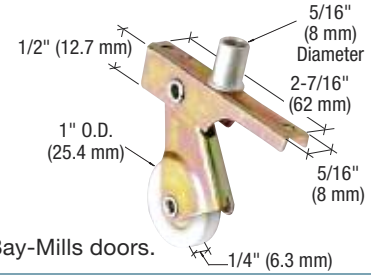
• All Stainless Steel



Fits Metal Industries doors.

CAT. NO.	ROLLER	QTY/PKG
B665	Stainless Steel B.B.	2

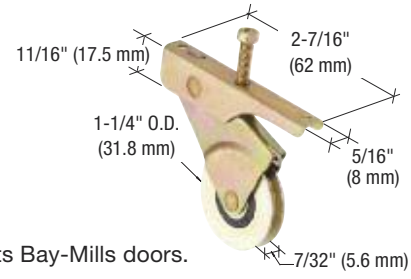
Minimum order: 1 pack.



Fits Bay-Mills doors.

CAT. NO.	ROLLER	QTY/PKG
B701	Nylon	2
B702	Steel B.B.	2

Minimum order: 1 pack.



Fits Bay-Mills doors.

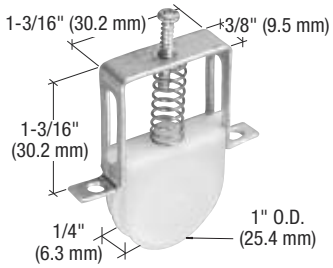
CAT. NO.	ROLLER	QTY/PKG
B740	Steel	2
B741	Stainless Steel	2

Minimum order: 1 pack.

All packs of Screen Door Rollers can be combined for quantity pricing.

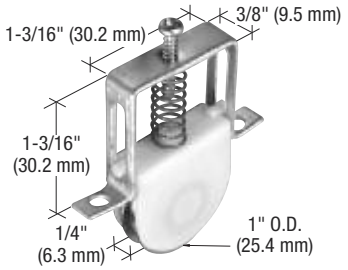
CRL Screen Door Roller Assemblies

MORE CHOICES crlaurence.com



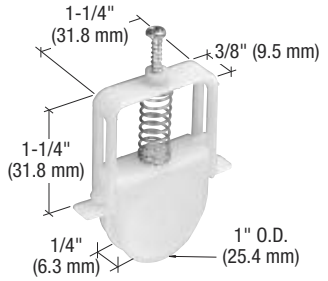
CAT. NO.	ROLLER	QTY/PKG
B530	Nylon	2
B530B	Nylon	50

Minimum order: 1 pack.



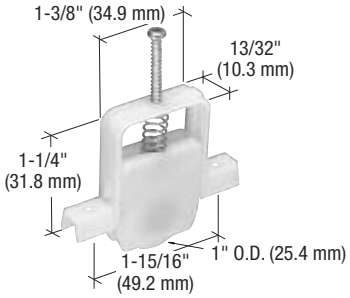
CAT. NO.	ROLLER	QTY/PKG
B617	Steel B.B.	2
B617B	Steel B.B.	30

Minimum order: 1 pack.



CAT. NO.	ROLLER	QTY/PKG
B575	Nylon	2
B575B	Nylon	50

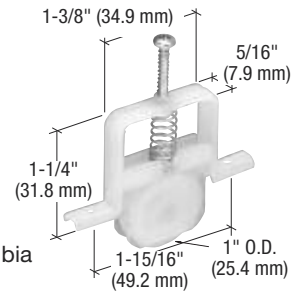
Minimum order: 1 pack.



CAT. NO.	ROLLER	QTY/PKG
B646	Nylon B.B.	2
B737	Steel B.B.	2

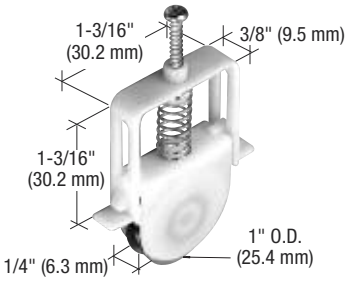
Minimum order: 1 pack.

Fits Columbia doors.



CAT. NO.	ROLLER	QTY/PKG
B691	Nylon	2
B695	Steel B.B.	2

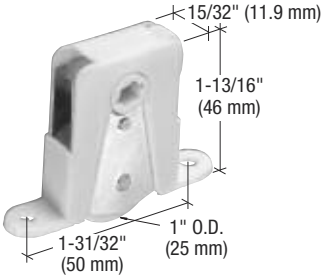
Minimum order: 1 pack.



CAT. NO.	ROLLER	QTY/PKG
B631	Steel B.B.	2
B631B	Steel B.B.	30

Minimum order: 1 pack.

Fits Andersen doors.

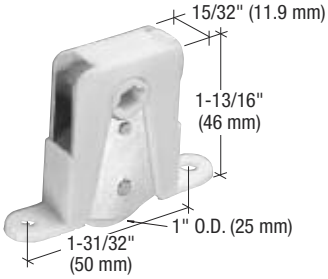


CAT. NO.	ROLLER	QTY/PKG
B684	Nylon	2
B684B	Nylon	15

Minimum order: 1 pack.

• Stainless Steel Roller

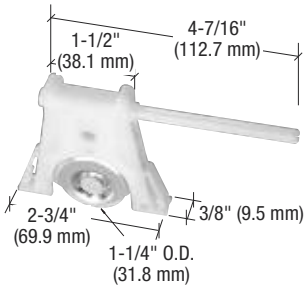
Fits Andersen doors.



CAT. NO.	ROLLER	QTY/PKG
B751	Stainless Steel B.B.	2

Minimum order: 1 pack.

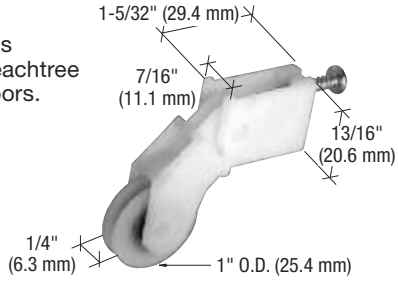
Fits Andersen doors.



CAT. NO.	ROLLER	QTY/PKG
B715	Nylon	1

Minimum order: 1 pack.

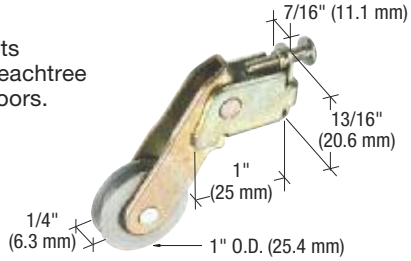
Fits Peachtree doors.



CAT. NO.	ROLLER	QTY/PKG
B645	Nylon B.B.	2
B645B	Nylon B.B.	30

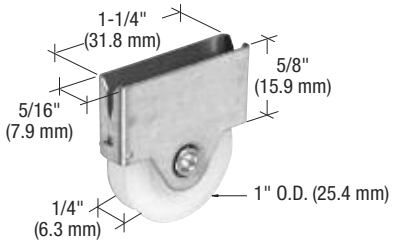
Minimum order: 1 pack.

Fits Peachtree doors.



CAT. NO.	ROLLER	QTY/PKG
B656	Steel B.B.	2
B656B	Steel B.B.	15
B721	Nylon B.B.	2

Minimum order: 1 pack.



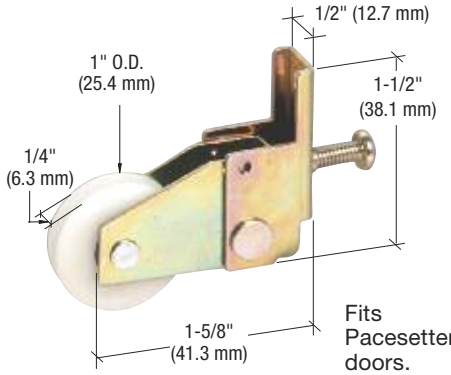
CAT. NO.	ROLLER	QTY/PKG
B652	Nylon	2
B696	Steel B.B.	2

Minimum order: 1 pack.

All packs of Screen Door Rollers can be combined for quantity pricing.

CRL Screen Roller Assemblies

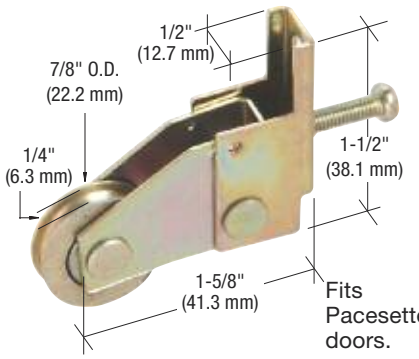
MORE CHOICES crlaurence.com



Fits Pacesetter doors.

CAT. NO.	ROLLER	QTY/PKG
B605	Nylon B.B.	2

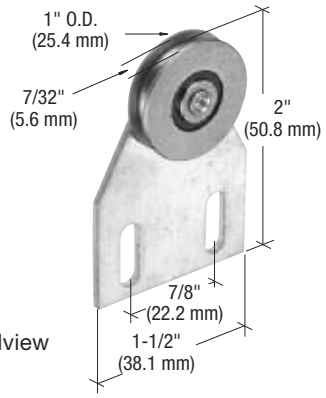
Minimum order: 1 pack.



Fits Pacesetter doors.

CAT. NO.	ROLLER	QTY/PKG
B669	Steel B.B.	2

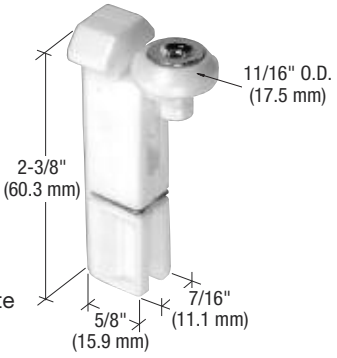
Minimum order: 1 pack.



Fits Fullview doors.

CAT. NO.	ROLLER	QTY/PKG
B537	Steel B.B.	2

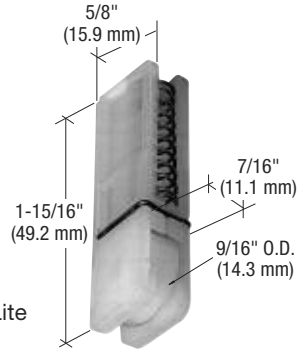
Minimum order: 1 pack.



Fits Ador/Hi Lite doors.

CAT. NO.	ROLLER	QTY/PKG
B543	Nylon	2
B543B	Nylon	50

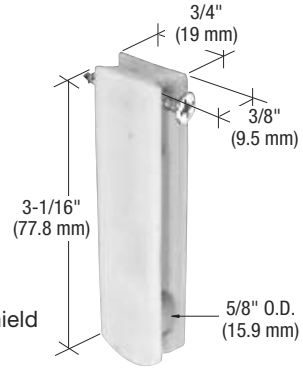
Minimum order: 1 pack.



Fits Ador/Hi Lite doors.

CAT. NO.	ROLLER	QTY/PKG
B544	Nylon	2
B544B	Nylon	50

Minimum order: 1 pack.



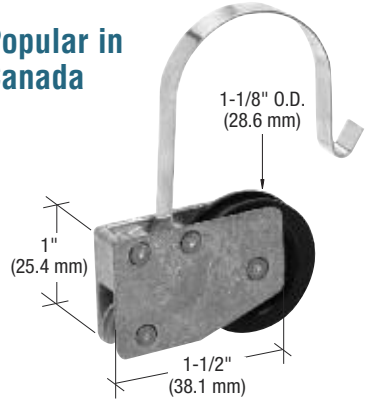
Fits Weathershield doors.

CAT. NO.	ROLLER	QTY/PKG
B668	Nylon	2

Minimum order: 1 pack.

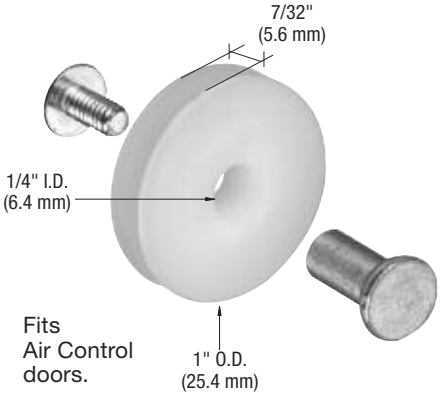
CRL Screen Rollers

- **Popular in Canada**



CAT. NO.	ROLLER	QTY/PKG
B713	Nylon	2

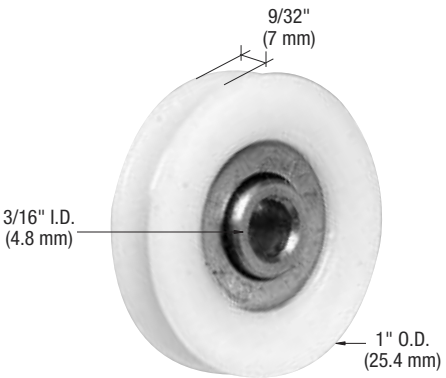
Minimum order: 1 pack.



Fits Air Control doors.

CAT. NO.	ROLLER	QTY/PKG
B551	Nylon	2

Minimum order: 1 pack.

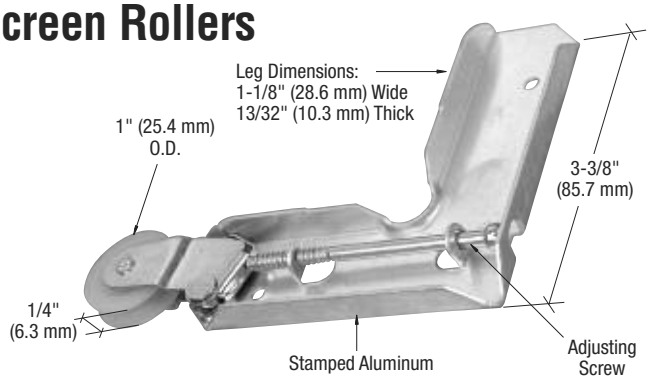


CAT. NO.	ROLLER	QTY/PKG
B707	Nylon B.B.	2

Minimum order: 1 pack.

All packs of Screen Door Rollers can be combined for quantity pricing.

CRL Corner Inserts With Screen Rollers

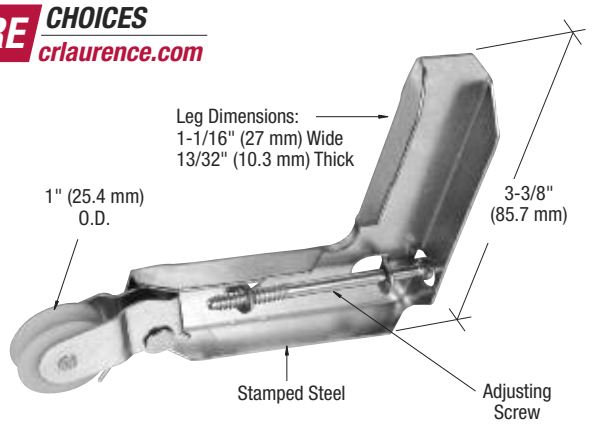


CAT. NO.	ROLLER	QTY/PKG
B604	Nylon	1
B604B	Nylon	20
B724	Nylon B.B.	1
B725	Steel B.B.	1
B748	Stainless Steel B.B.	1

Minimum order: 1 pack.

Fits Jim Walters doors.

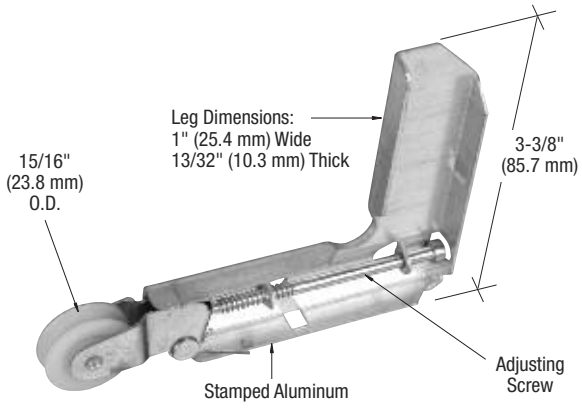
MORE CHOICES crlaurence.com



CAT. NO.	ROLLER	QTY/PKG
B607	Nylon	1
B607B	Nylon	20
B726	Nylon B.B.	1
B727	Steel B.B.	1
B749	Stainless Steel B.B.	1

Minimum order: 1 pack.

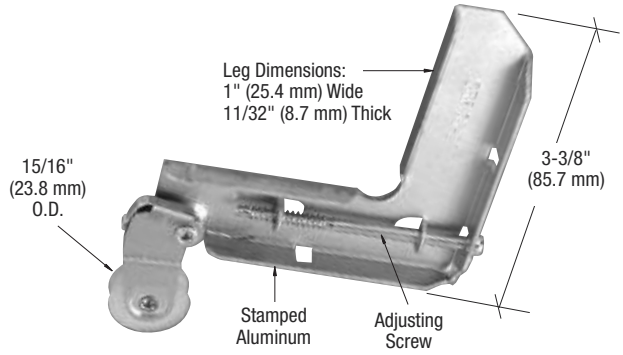
Fits Metal Industries doors.



CAT. NO.	ROLLER	QTY/PKG
B693	Nylon	1

Minimum order: 1 pack.

Fits Acorn Industries doors.



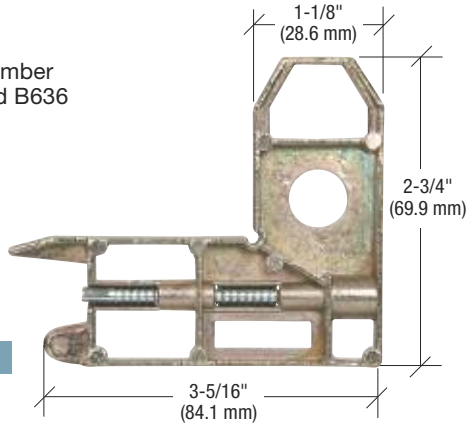
CAT. NO.	ROLLER	QTY/PKG
B773	Nylon	1

Minimum order: 1 pack.

Fits Jim Walters doors.

CRL Corner Inserts

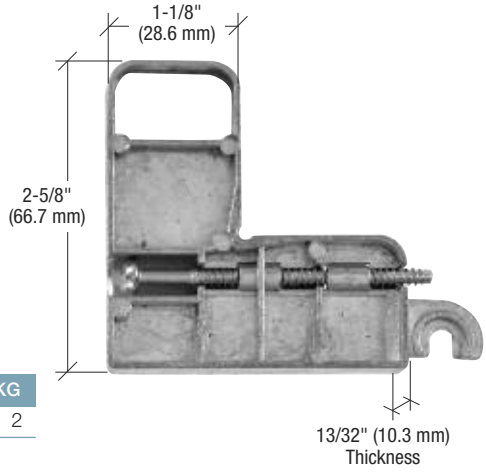
Used with Catalog Number B514, B515, B610 and B636 type Rollers.



CAT. NO.	QTY/PKG
B569	2
B569B	20

Minimum order: 1 pack.

- **Popular in Canada**



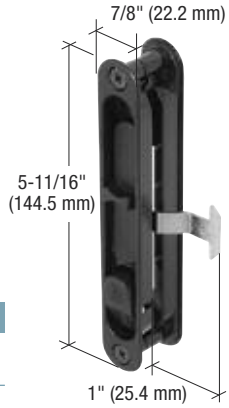
CAT. NO.	QTY/PKG
B712	2

Minimum order: 1 pack.

All packs of Screen Door Rollers can be combined for quantity pricing.

CRL Diecast Latch and Pull

Non-handed Diecast Screen Door Latch is designed to be mortised into the screen door frame. Includes one steel latch hook to fit a variety of door frames.



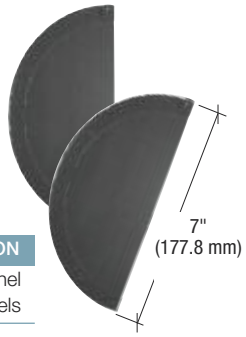
CAT. NO.	FINISH	QTY/PKG
A202	Black	1
A222	White	1

Minimum order: 1 pack.

CRL Screen Shield

MORE INFORMATION crlaurence.com

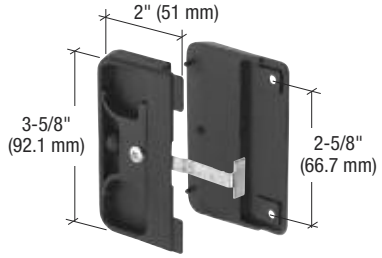
This easy to install CRL Screen Shield protects a screen door where it gets the most use. Prevents sagging and bagging of the screen around the handle, and extends the life of the door. For use on both sliding and swinging screen doors.



CAT. NO.	FINISH	DESCRIPTION
A141	Black	1 Inside and 1 Outside Panel
A141B	Black	10 Inside and 10 Outside Panels

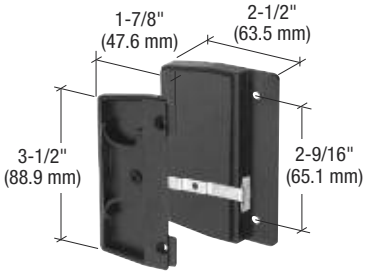
Minimum order: 1 pack.

CRL Latches and Pulls



CAT. NO.	FINISH	QTY/PKG
A142	Black	1

Minimum order: 1 pack.



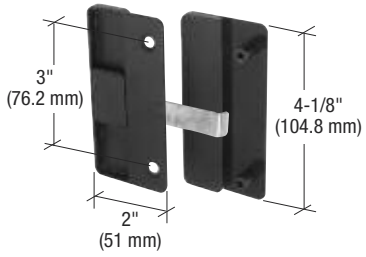
CAT. NO.	FINISH	QTY/PKG
A145	Black	1

Minimum order: 1 pack.



CAT. NO.	FINISH	QTY/PKG
A186	Black	1
A186B	Black	10

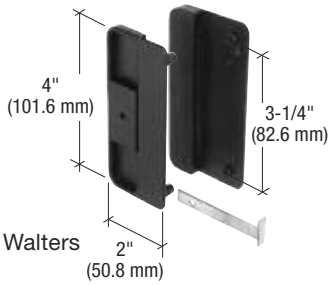
Minimum order: 1 pack.



Fits Columbia-Matic doors.

CAT. NO.	FINISH	QTY/PKG
A177	Black	1
A177B	Black	10

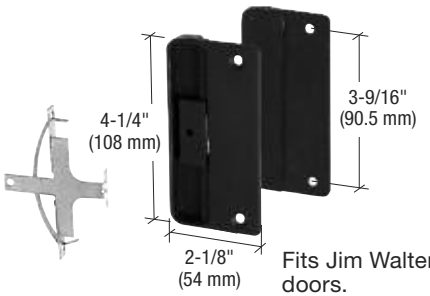
Minimum order: 1 pack.



Fits Jim Walters doors.

CAT. NO.	FINISH	QTY/PKG
A150	Black	1
A150B	Black	10

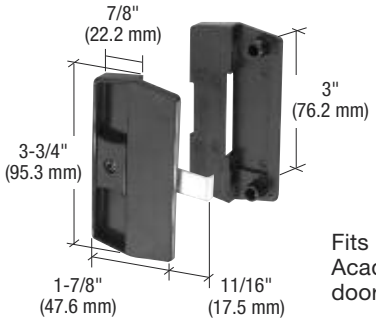
Minimum order: 1 pack.



Fits Jim Walters doors.

CAT. NO.	FINISH	QTY/PKG
A151	Black	1
A151B	Black	10

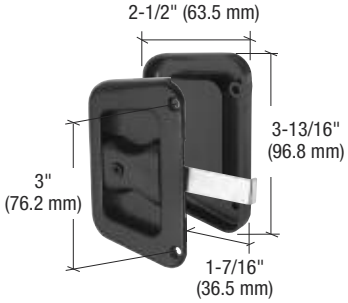
Minimum order: 1 pack.



Fits Academy doors.

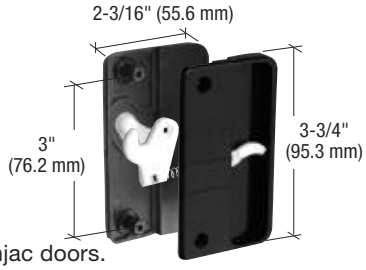
CAT. NO.	FINISH	QTY/PKG
A180	Black	1

Minimum order: 1 pack.



CAT. NO.	FINISH	QTY/PKG
A187	Black	1
A228	White	1

Minimum order: 1 pack.



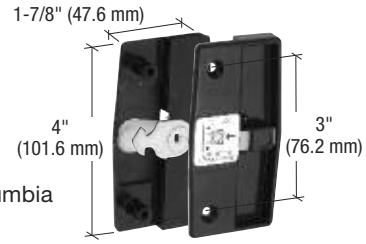
Fits Anjac doors.

CAT. NO.	FINISH	HOOK	QTY/PKG
A108	Black	Short	1
A108B	Black	Short	10
A192	Black	Long	1

Minimum order: 1 pack

All packs of Screen Door Latches and Pulls can be combined for quantity pricing.

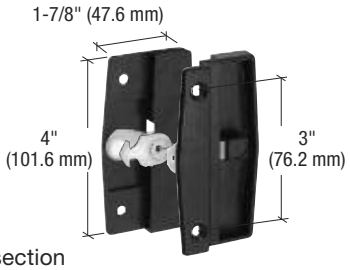
CRL Latches and Pulls



Fits Columbia doors.

CAT. NO.	FINISH	QTY/PKG
A165	Black	1
A165B	Black	10

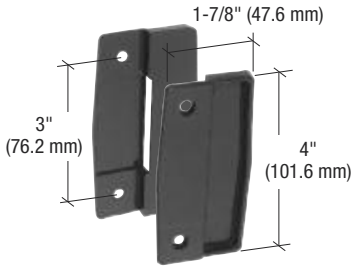
Minimum order: 1 pack.



Fits hat section Bayform doors.

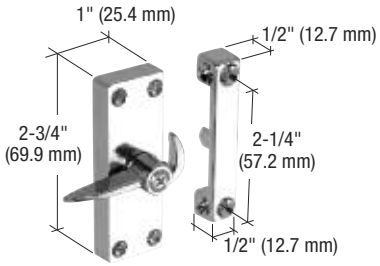
CAT. NO.	FINISH	QTY/PKG
A172	Black	1

Minimum order: 1 pack.



CAT. NO.	FINISH	QTY/PKG
A111	Black	1
A111B	Black	10

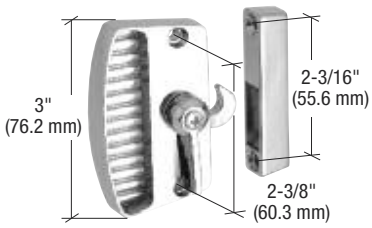
Minimum order: 1 pack.



Right Handed Only

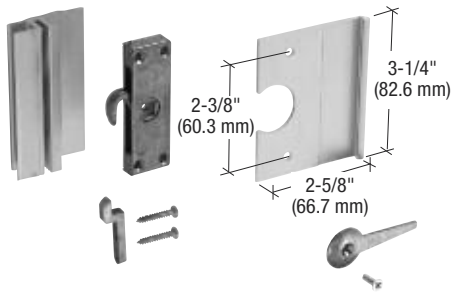
CAT. NO.	FINISH	QTY/PKG
A103	Chrome	1
A104	Black	1

Minimum order: 1 pack.



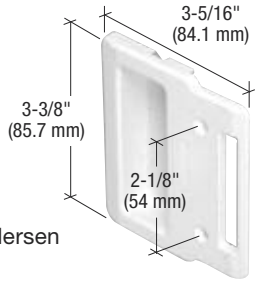
CAT. NO.	FINISH	QTY/PKG
A105	Chrome	1
A155	Black	1
A199	White	1

Minimum order: 1 pack.



CAT. NO.	FINISH	QTY/PKG
A152	Aluminum	1

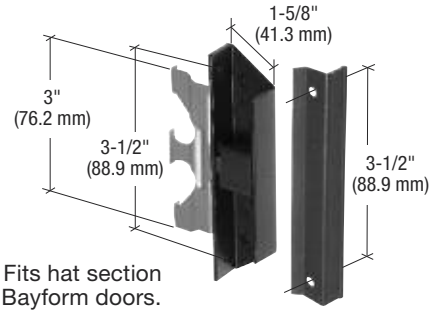
Minimum order: 1 pack.



Fits Andersen doors.

CAT. NO.	FINISH	QTY/PKG
A208	White	1
A209	Stone	1

Minimum order: 1 pack.

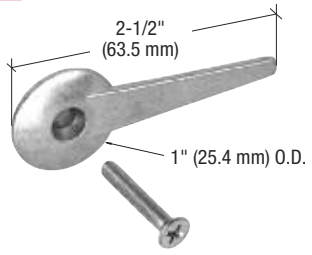


Fits hat section Bayform doors.

CAT. NO.	FINISH	QTY/PKG
A220	Black	1

Minimum order: 1 pack.

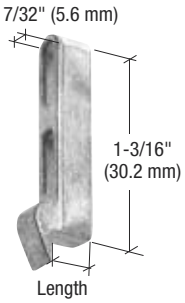
MORE CHOICES
crlaurence.com



CAT. NO.	FINISH	QTY/PKG
A130	Zinc	1

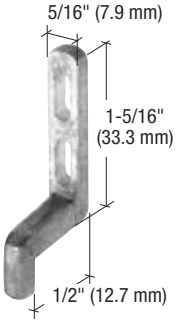
Minimum order: 1 pack.

CRL Latch Strikes



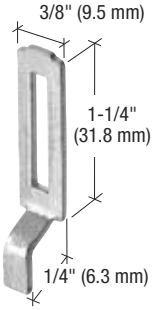
CAT. NO.	FINISH	LENGTH	QTY/PKG
A126	Zinc	3/16" (4.8 mm)	2
A162	Zinc	1/4" (6.4 mm)	2
A128	Zinc	5/16" (7.9 mm)	2

Minimum order: 1 pack



CAT. NO.	FINISH	QTY/PKG
A203	Zinc	2

Minimum order: 1 pack.



CAT. NO.	FINISH	QTY/PKG
A148	Zinc	2

Minimum order: 1 pack.

All packs of Screen Door Latches and Pulls can be combined for quantity pricing.

CRL Sliding Screen Door Grilles

- Protects Screen Cloth From Small Children and Pets
- Constructed From Heavy-Duty Steel
- Very Attractive and Easy to Install
- Available in Gray, Bronze, and White





These attractive CRL Sliding Screen Door Grilles are 33" (838 mm) tall, and have mounting tabs that extend 2" (50.8 mm) on either side of the grille to fit a range of door widths. They are made from heavy-duty steel with rattle-free interlock construction (no screws or rivets to work loose). The grille's Florentine pattern will not mar the view or the airflow. Three sizes are available to fit any sliding screen door from 29" to 49" (737 to 1245 mm) wide. Available in three long-life finishes. Takes only minutes to install.

CAT. NO.	FINISH	WIDTH RANGE	QTY/CTN
PG26	Gray	29" to 31" (737 to 787 mm)	6
PG26BRZ	Bronze	29" to 31" (737 to 787 mm)	6
PG26W	White	29" to 31" (737 to 787 mm)	6
PG30	Gray	35" to 37" (889 to 940 mm)	6
PG30BRZ	Bronze	35" to 37" (889 to 940 mm)	6
PG30W	White	35" to 37" (889 to 940 mm)	6
PG40	Gray	47" to 49" (1194 to 1245 mm)	6
PG40BRZ	Bronze	47" to 49" (1194 to 1245 mm)	6
PG40W	White	47" to 49" (1194 to 1245 mm)	6

Minimum order for shipment is six each; fewer than six may be purchased in Will Call at any CRL Service Center.
Sizes and finishes can be combined for quantity pricing.

CRL Deluxe Pet Doors



MORE INFORMATION crlaurence.com

- Can Be Used in Doors or Walls
- Flexible Rubber Flap Opens and Closes Quietly

Give pets the convenience of easy entry and exit with CRL Deluxe Pet Doors. They are available in three sizes to accommodate all pets – from small kittens to large dogs. All feature a tough, flexible rubber flap with permanent magnets to keep them closed when not in use. The sturdy extruded aluminum frame has an anodized finish to resist corrosion. A rigid hardboard security panel slips into guides inside or outside to keep pets from using the door. Pet Doors can be installed in walls or doors with a minimum thickness of 1/4" (6.3 mm), and are supplied with all necessary fasteners.

CAT. NO.	FLAP SIZE	OVERALL SIZE
SD300	4-3/4" x 7-1/8" (120 x 181 mm)	9-1/8" x 10" (232 x 254 mm)
MD400	8-1/2" x 12-1/2" (216 x 317 mm)	12-3/4" x 15-1/4" (324 x 387 mm)
LD500	11-1/2" x 16-7/8" (292 x 429 mm)	15-3/8" x 19-3/4" (391 X 502 mm)

Minimum order: 1 each.

CRL Pet Door Screen Adapters



- Can Be Installed in Any 1/2" (12.7 mm) Thick Sliding Screen Door Frame
- Three Sizes to Fit Any Deluxe Pet Door

These completely reversible CRL Pet Door Adapter Frames can be mounted in either the left or right hand corner of a sliding screen door. They protect screens from pet damage, and save endless trips to let pets in or out. Easily and quickly installed, they are effective – pets catch on in minutes. Pet Door must be ordered separately (see left).

CAT. NO.	HOLDS PET DOOR CAT. NO.	OVERALL SIZE
A300	SD300	10-5/8" x 12-3/4" (270 x 324 mm)
A400	MD400	14-1/8" x 18" (359 x 457 mm)
A500	LD500	17-1/8" x 22-1/16" (435 x 560 mm)

Minimum order: 1 each.

CRL Bravo Hinged Steel Screen Doors

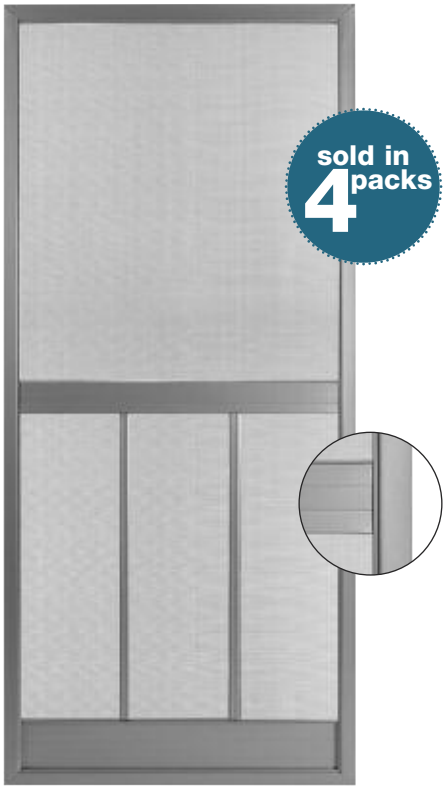
MORE CHOICES
crlaurence.com

- Patented 5/8" (15.9 mm) One-Piece Unitized Roll Formed Frame Construction Technique
- Mechanically Secured Corners
- Charcoal Fiberglass 18 x 16 Mesh
- Pneumatic Door Closer and Installation Hardware Included
- Custom Sizes Available on Request



U.S. Patent No. 5,628,114

GUARDA
COLUMBIA MANUFACTURING CORP.
crlaurence.com
SECURITY AND SCREEN PRODUCTS



CRL Hinged Steel Screen Doors feature scratch resistant polyester painted finishes over hot-dipped galvanized steel, allowing our finish to last a lifetime with no need to ever paint. They also have a separate hinge-bar for easy handing choices, and like the bottom expanders, allow for the perfect fit every time.

CAT. NO.	COLOR	WIDTH	HEIGHT	PACK QTY.
2011003204	White	36" (914 mm)	80" (2032 mm)	4
2011004104	Gray	32" (813 mm)	80" (2032 mm)	4
2011004204	Gray	36" (914 mm)	80" (2032 mm)	4
2011005104	Bronze	32" (813 mm)	80" (2032 mm)	4
2011005204	Bronze	36" (914 mm)	80" (2032 mm)	4

Minimum order for shipment is four each; fewer than four may be purchased in Will Call at any CRL Service Center. Sizes and finishes can be combined for quantity pricing. All CRL Steel Screen Doors can be combined for quantity pricing. Must ship via common carrier.



CRL Pioneer KBS Hinged Steel Screen Doors

- Patented 5/8" (15.9 mm) One-Piece Unitized Roll Formed Frame Construction Technique
- Mechanically Secured Corners
- Charcoal Fiberglass 18 x 16 Mesh
- Pneumatic Door Closer and Installation Hardware Included



U.S. Patent No. 5,628,114



CRL Hinged Steel Screen Doors feature scratch resistant polyester painted finishes over hot-dipped galvanized steel, allowing our finish to last a lifetime with no need to ever paint. They also have a separate hinge-bar for easy handing choices, and like the bottom expanders, allow for the perfect fit every time.

CAT. NO.	COLOR	WIDTH	HEIGHT	PACK QTY.
2012060104	White	32" (813 mm)	80" (2032 mm)	4
2012060204	White	36" (914 mm)	80" (2032 mm)	4
2012042104	Gray	32" (813 mm)	80" (2032 mm)	4
2012042204	Gray	36" (914 mm)	80" (2032 mm)	4
2012050104	Bronze	32" (813 mm)	80" (2032 mm)	4
2012050204	Bronze	36" (914 mm)	80" (2032 mm)	4

Minimum order for shipment is four each; fewer than four may be purchased in Will Call at any CRL Service Center. Sizes and finishes can be combined for quantity pricing. All CRL Steel Screen Doors can be combined for quantity pricing. Must ship via common carrier.



CRL Steelbreeze Hinged Steel Screen Doors

MORE CHOICES crlaurence.com

- Patented 5/8" (15.9 mm) One-Piece Unitized Roll Formed Frame Construction Technique
- Mechanically Secured Corners
- Charcoal Fiberglass 18 x 16 Mesh
- Pneumatic Door Closer and Installation Hardware Included
- Custom Sizes Available on Request



U.S. Patent No. 5,628,114

GUARDA COLUMBIA MANUFACTURING CORP. crlaurence.com SECURITY AND SCREEN PRODUCTS



CRL Hinged Steel Screen Doors feature scratch resistant polyester painted finishes over hot-dipped galvanized steel, allowing our finish to last a lifetime with no need to ever paint. They also have a separate hinge-bar for easy handing choices. The bottom expanders allow for a perfect fit every time.

CAT. NO.	COLOR	WIDTH	HEIGHT	PACK QTY.
2013109104	White	32" (813 mm)	80" (2032 mm)	4
2013109204	White	36" (914 mm)	80" (2032 mm)	4
2013108104	Bronze	32" (813 mm)	80" (2032 mm)	4
2013108204	Bronze	36" (914 mm)	80" (2032 mm)	4

Minimum order for shipment is four each; fewer than four may be purchased in Will Call at any CRL Service Center. Sizes and finishes can be combined for quantity pricing. All CRL Steel Screen Doors can be combined for quantity pricing. Must ship via common carrier.

White

Bronze

CRL Oakhurst Hinged Steel Screen Doors

- Patented 5/8" (15.9 mm) One-Piece Unitized Roll Formed Frame Construction Technique
- Mechanically Secured Corners
- Charcoal Fiberglass 18 x 16 Mesh
- Pneumatic Door Closer and Installation Hardware Included



U.S. Patent No. 5,628,114

GUARDA COLUMBIA MANUFACTURING CORP. crlaurence.com SECURITY AND SCREEN PRODUCTS



CRL Hinged Steel Screen Doors feature scratch resistant polyester painted finishes over hot-dipped galvanized steel, allowing our finish to last a lifetime with no need to ever paint. They also have a separate hinge-bar for easy handing choices. The bottom expanders allow for a perfect fit every time.

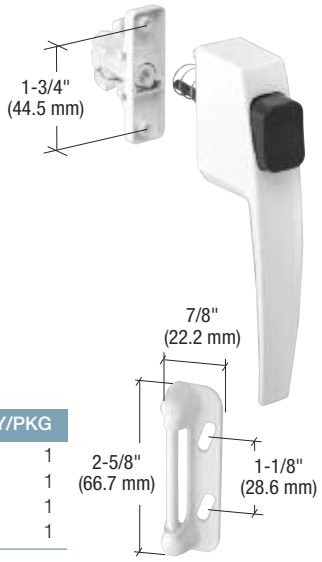
CAT. NO.	COLOR	WIDTH	HEIGHT	PACK QTY.
2013559204	Bronze	36" (914 mm)	80" (2032 mm)	4

Minimum order for shipment is four each; fewer than four may be purchased in Will Call at any CRL Service Center. Sizes and finishes can be combined for quantity pricing. All CRL Steel Screen Doors can be combined for quantity pricing. Must ship via common carrier.

Bronze

CRL Screen and Storm Door Push Button Latch

For out swinging wood or metal doors; fits doors 5/8" to 1-1/4" (16 to 32 mm) thick; requires 1-3/4" (45 mm) mounting hole centers. Installs in three 5/16" (8 mm) diameter holes; 7/8" (22 mm) apart. Works with a resilient door strike. Convert to key operable with optional Push Button Cat. No. K5024.

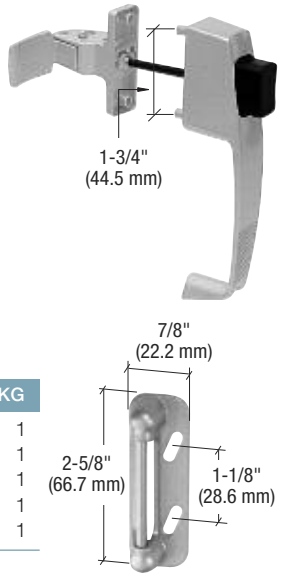


CAT. NO.	FINISH	KEYED	QTY/PKG
K5006	Aluminum	No	1
K5007	Black	No	1
K5008	Gold	No	1
K5145	White	No	1

Minimum order: 1 pack.

CRL Screen and Storm Door Push Button Latch

For out swinging wood or metal doors; fits doors 5/8" to 1-1/4" (16 to 32 mm) thick; 1-3/4" (45 mm) mounting hole centers, required 7/8" (22 mm) apart. Works with a resilient door strike.

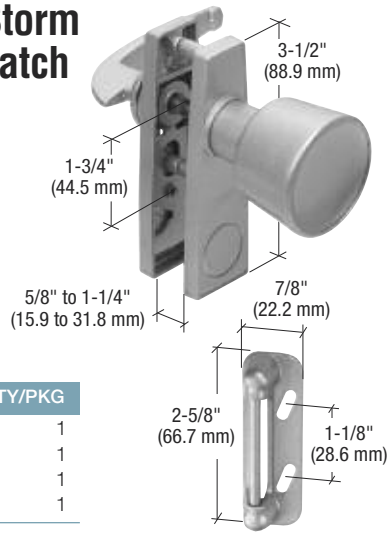


CAT. NO.	FINISH	KEYED	QTY/PKG
K5070	Aluminum	No	1
K5071	Black	No	1
K5090	Black	Yes	1
K5116	White	No	1
K5171	Chocolate Brown	No	1

Minimum order: 1 pack.

CRL Screen and Storm Door Tulip Knob Latch

For out swinging wood or metal doors; fits 5/8" to 1-1/4" (16 to 32 mm) thick doors; requires three mounting holes 7/8" (22 mm) apart. Complete with resilient door strike and mounting shims.

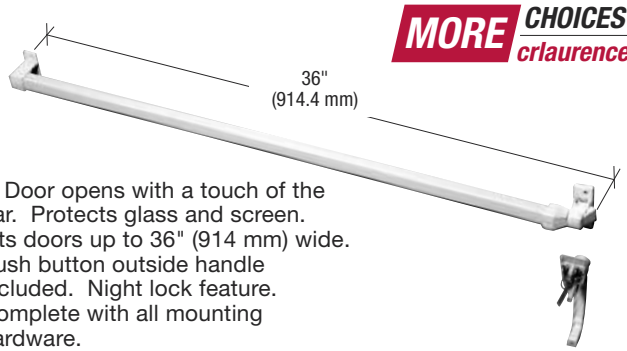


CAT. NO.	FINISH	QTY/PKG
K5000	Aluminum	1
K5001	Black	1
K5121	White	1
K5170	Chocolate Brown	1

Minimum order: 1 pack.

CRL Screen and Storm Door Touch Bar Latch

MORE CHOICES crlaurence.com



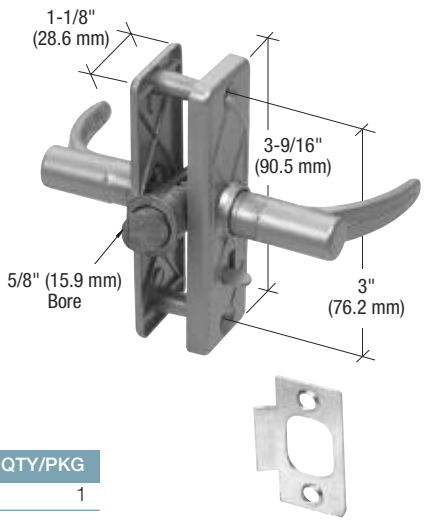
Door opens with a touch of the bar. Protects glass and screen. Fits doors up to 36" (914 mm) wide. Push button outside handle included. Night lock feature. Complete with all mounting hardware.

CAT. NO.	FINISH	QTY/PKG
SK4390W	White	1

Minimum order: 1 each.

CRL Screen and Storm Door Mortise Latch

Designed to fit most combination screen and storm doors; fits 7/8" to 1-1/4" (22 to 32 mm) thick doors; 3" (76 mm) mounting hole centers required 1-1/2" (38 mm) apart.

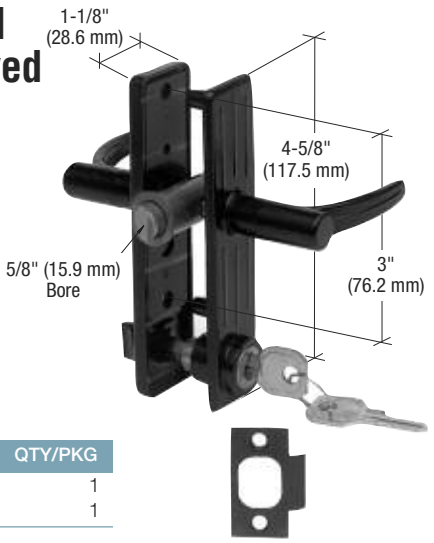


CAT. NO.	FINISH	QTY/PKG
K5052	Aluminum	1

Minimum order: 1 pack.

CRL Screen and Storm Door Keyed Mortise Latch

Designed to fit most combination screen and storm doors; fits 7/8" to 1-1/4" (22 to 32 mm) thick doors; 3" (76 mm) mounting hole centers required 1-1/2" (38 mm) apart. Key operable from the outside.



CAT. NO.	FINISH	QTY/PKG
K5053	Aluminum	1
K5102	Black	1

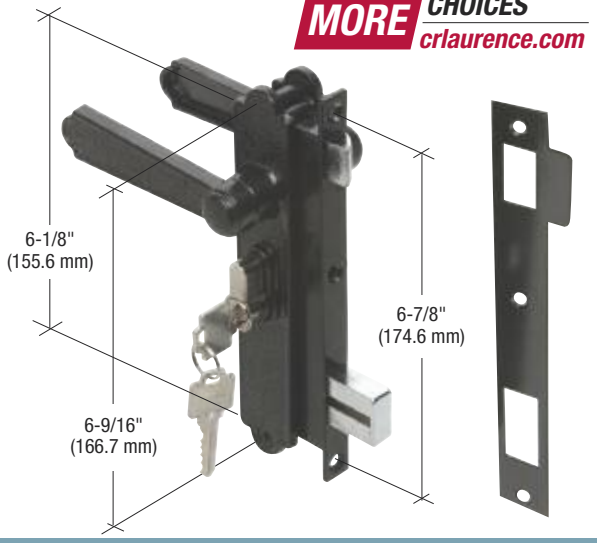
Minimum order: 1 pack.

All packs of Screen Door Hardware can be combined for quantity pricing.

CRL Security Door Mortise Lock

Heavy-duty diecast mortise lock, escutcheon plates, lever handles, stamped steel strike plate, thumb-turn/single key cylinder, and two keys. Spring latch is reversible for left to right handing.

MORE CHOICES crlaurence.com

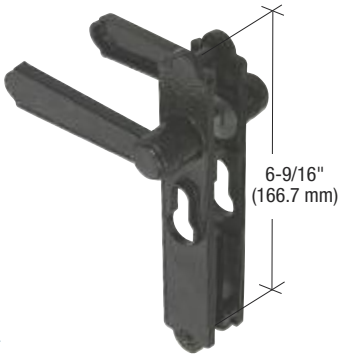


CAT. NO.	FINISH	QTY/PKG
K5092	Black	1

Minimum order: 1 pack.

CRL Mortise Lock Levers

Black diecast escutcheon plates with lever handles. Repair/replacement part for Cat. No. K5092 shown to the left.

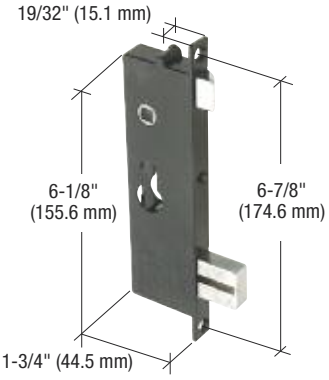


CAT. NO.	FINISH	QTY/PKG
K5063	Black	1

Minimum order: 1 pack.

CRL Mortise Lock Insert

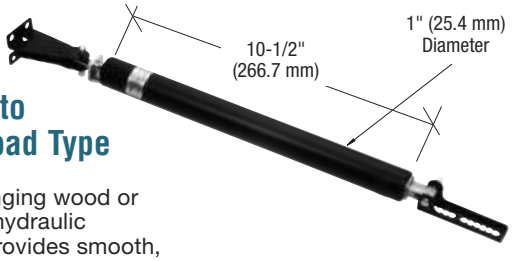
Diecast mortise lock insert with steel latch and deadbolt. Non-handed, latch easily reversible. Repair/replacement part for Cat. No. K5092 shown to the left.



CAT. NO.	QTY/PKG
K5064	1

Minimum order: 1 pack.

CRL Hydraulic Closer



• Medium to Heavy Load Type

For outswinging wood or metal doors; hydraulic mechanism provides smooth, constant action; full 90 degree opening; two hole end cap for adjustable latching power in summer or winter; adjustable closing speed.

CAT. NO.	FINISH	QTY/PKG
K5058	Aluminum	1
K5059	Black	1

Minimum order: 1 pack.

CRL Pneumatic Closer



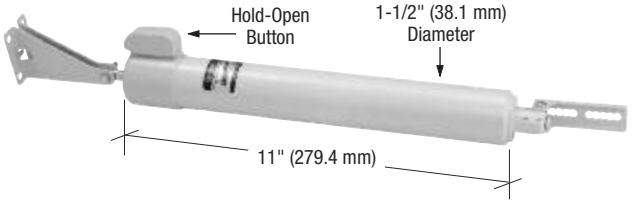
• Medium Load Type

For out swinging wood or metal doors; fits 5/8" to 1-1/4" (16 to 32 mm) thick doors; full 90 degree opening; adjustable closing speed; aluminum tube - will not rust; factory lubricated; sure-close latch feature.

CAT. NO.	FINISH	QTY/PKG
K5067	Aluminum	1
K5073	Black	1
K5119	White	1
K5173	Chocolate Brown	1

Minimum order: 1 pack.

CRL Touch and Hold Screen Door Closer



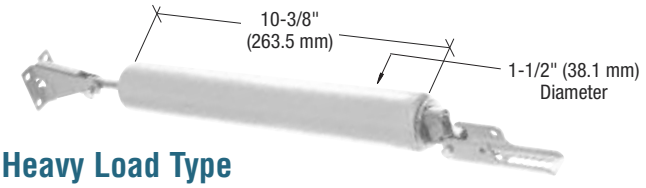
The CRL Touch and Hold Screen Door Closer is ideal for light to medium weight doors. Open the door to any desired position and tap the stay pad on the barrel. The door remains open until bumped to close.

• Hold-Open Feature

CAT. NO.	FINISH	QTY/PKG
1102AHW	White	1
1102AHBL	Black	1

Minimum order: 1 pack.

CRL Pneumatic Closer



• Heavy Load Type

For outswinging wood or metal doors; full 90 degree opening; adjustable closing speed; aluminum tube - will not rust; factory lubricated; sure-close latch feature.

CAT. NO.	FINISH	QTY/PKG
K5108	Aluminum	1
K5109	Black	1
K5120	White	1
K5174	Chocolate Brown	1

Minimum order: 1 pack.

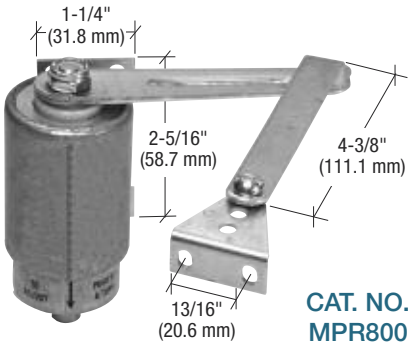
All packs of Screen Door Hardware can be combined for quantity pricing.

CRL Rotary Hydraulic Door Closer

MORE INFORMATION crlaurence.com

- For Use on Lightweight Interior Screen or Storm Doors - Maximum Weight 35 lbs. (16 kg)
- Adjustable Closing Speed
- Aluminum in Color

This CRL Rotary Hydraulic Door Closer is designed specifically for lightweight screen or storm doors. It is only 3-3/4" (95 mm) high, 1-3/4" (45 mm) wide, and 2-1/4" (57 mm) deep. The narrow base holds securely to flush panel doors with the narrowest of stiles. This closer permits a full 180 degree door opening. It has adjustable closing power and life-time lubrication. Minimum order is one each.



CAT. NO. MPR800

CRL Door Chain



Extra heavy-duty metal chain with a vinyl cover to protect the door's surface. Designed for full size exterior doors, with rugged compression springs and steel chain, diecast mounting brackets, and mounting screws.

- For Use on Outswinging Doors

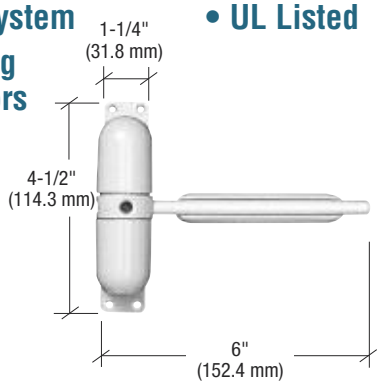
CAT. NO.	LENGTH	FINISH
15850	30-1/2" (775 mm)	Chrome
15855	25" (635 mm)	Chrome
WC1631	25" (635 mm)	Bronze

Minimum order: 1 each.

CRL GIB Spring Door Closer

- Adjustable Closing System
- For Use on Inswinging and Outswinging Doors
- UL Listed

The CRL Surface Mounted GIB Spring Door Closer is a Non-Handed Spring Closer that will close doors up to 150 lbs. (68 kg).

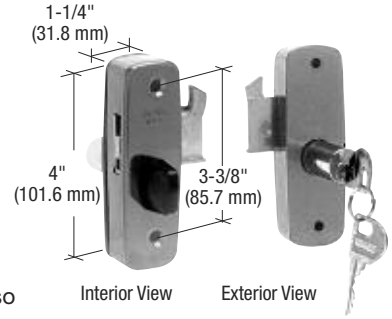


CAT. NO.	FINISH
KC11US	White
KC18US	Brown
KC61US	Satin Chrome

Minimum order: 1 each.

CRL Keyed Patio Door Lock

This CRL Keyed Door Lock has a thumbturn inside, a key cylinder outside, and is non-handed. Lock requires a 3/4" (19 mm) diameter hole to be drilled through door stile. Cylinder will accommodate a stile thickness up to 1-1/4" (32 mm). Exterior trim ring also included. Keeper is double slotted for either surface or face mount applications. **NOTE:** The blank key for this lock is Cat. No. FG403KB.

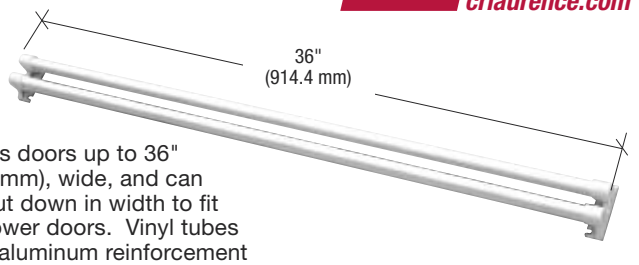


CAT. NO.	FINISH
NDS32D	Aluminum
NDS10B	Dark Bronze

Minimum order: 1 each.

CRL Push Bar

MORE CHOICES crlaurence.com



Fits doors up to 36" (914 mm), wide, and can be cut down in width to fit narrower doors. Vinyl tubes with aluminum reinforcement insert resists corrosion. Low profile design protrudes less then 1" (25 mm) from face of door and mounts with plastic end caps.

CAT. NO.	FINISH
K5166	Gray
K5167	White

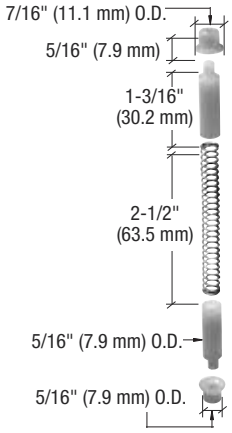
Minimum order: 1 pack.

CRL Hinge Pins and Bushings

Six white nylon hinge pins and bushings with three steel springs. Will fit and repair three storm door hinges used by several door manufacturers.

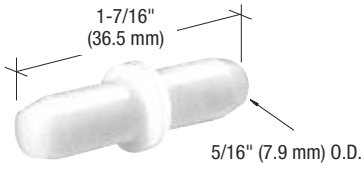
CAT. NO.	QTY/PKG
K5131	3 Sets

Minimum order: 1 pack.



CRL Hinge Pins and Bushings

Six white nylon Hinge Pins with Bushings; used in hinges on Croft storm doors.



Assembled



Unassembled

CAT. NO.	QTY/PKG
K5132	6

Minimum order: 1 pack.

All packs of Screen Door Hardware can be combined for quantity pricing.

CRL Magnum Steel Security Screen Doors

- Durable Powder Coat Paint Finish
- Reversible for Left or Right Handed Openings
- Three Tamper Proof Security Butt Hinges
- Decorative Scroll Work Design
- Deadbolts and Locksets Sold Separately (See Page DW053)

CRL Magnum Security Screen Doors are engineered to the toughest standards with commercial grade all steel construction. They provide some of the most durable security doors available, with several designs to choose from. Each door features 24 gauge expanded mesh, double hole security lock boxes with extended plates and full length flystraps that do not impede the door's security.

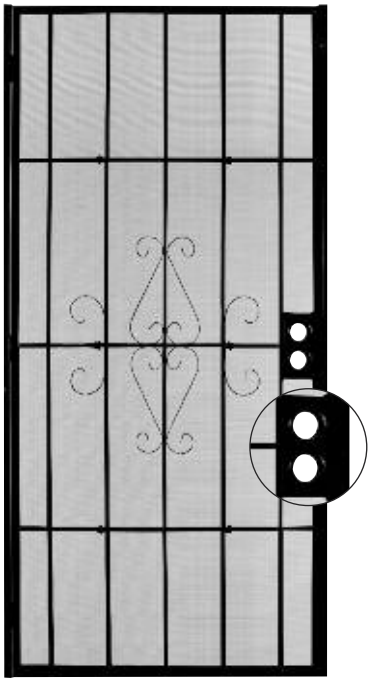


Frame Size
3/4" (19 mm) x 3/4" (19 mm)

MORE CHOICES crlaurence.com



GUARDA COLUMBIA MANUFACTURING CORP. crlaurence.com SECURITY AND SCREEN PRODUCTS



CAT. NO.	COLOR	WIDTH	HEIGHT	PACK QTY.
25160200	White	30" (762 mm)	80" (2032 mm)	1
25160201	White	32" (813 mm)	80" (2032 mm)	1
25160202	White	36" (914 mm)	80" (2032 mm)	1
25160220	Navajo	30" (762 mm)	80" (2032 mm)	1
25160221	Navajo	32" (813 mm)	80" (2032 mm)	1
25160222	Navajo	36" (914 mm)	80" (2032 mm)	1
25160210	Black	30" (762 mm)	80" (2032 mm)	1
25160211	Black	32" (813 mm)	80" (2032 mm)	1
25160212	Black	36" (914 mm)	80" (2032 mm)	1

Minimum order: 1 each. All CRL Steel Security Screen Doors can be combined for quantity pricing.
Must ship via common carrier.

CRL Gibraltar Steel Security Screen Doors

- High End Decorative Design
- Durable Powder Coat Paint Finish
- Double Hole Security Lock Box With Extended Plate
- Deadbolts and Locksets Sold Separately (See Page DW053)

The CRL Gibraltar Security Screen Door features two new mottled specialty finishes: Silverado and Bronze. These doors also include 24 gauge expanded mesh, double hole security lock boxes with extended plates, and full length fly straps that do not impede the door's security.



Frame Size
1" (25 mm) x 2" (51 mm)



GUARDA COLUMBIA MANUFACTURING CORP. crlaurence.com SECURITY AND SCREEN PRODUCTS



CAT. NO.	COLOR	WIDTH	HEIGHT	PACK QTY.
28180301	White	32" (813 mm)	80" (2032 mm)	1
28180302	White	36" (914 mm)	80" (2032 mm)	1
28180311	Black	32" (813 mm)	80" (2032 mm)	1
28180312	Black	36" (914 mm)	80" (2032 mm)	1
28180361	Navajo	32" (813 mm)	80" (2032 mm)	1
28180362	Navajo	36" (914 mm)	80" (2032 mm)	1
28180341	Silverado	32" (813 mm)	80" (2032 mm)	1
28180342	Silverado	36" (914 mm)	80" (2032 mm)	1
28180351	Bronze	32" (813 mm)	80" (2032 mm)	1
28180352	Bronze	36" (914 mm)	80" (2032 mm)	1

Minimum order: 1 each. All CRL Steel Security Doors can be combined for quantity pricing.
Must ship via common carrier.

CRL Sunset Steel Security Screen Doors

- Decorative Design
- Three Tamper Proof Security Butt Hinges
- Durable Powder Coat Paint Finish
- Custom Sizes Available on Request
- Deadbolts and Locksets Sold Separately (See Page DW053)

CRL Sunset Security Screen Doors are engineered to the toughest standards with commercial grade all-steel construction. CRL Sunset provides some of the most durable security doors available. Each door features 24 gauge perforated mesh, double hole security lock boxes with extended plates, and full length fly straps that do not impede the door's security.

CAT. NO.	COLOR	WIDTH	HEIGHT	PACK QTY.
25163201	White	32" (813 mm)	80" (2032 mm)	1
25163202	White	36" (914 mm)	80" (2032 mm)	1
25163211	Black	32" (813 mm)	80" (2032 mm)	1
25163212	Black	36" (914 mm)	80" (2032 mm)	1
25163221	Navajo	32" (813 mm)	80" (2032 mm)	1
25163222	Navajo	36" (914 mm)	80" (2032 mm)	1

Minimum order: 1 each. All CRL Steel Security Screen Doors can be combined for quantity pricing.
Must ship via common carrier.



Frame Size
1" (25 mm) x 2" (51 mm)

MORE CHOICES crlaurence.com



GUARDA COLUMBIA MANUFACTURING CORP. crlaurence.com SECURITY AND SCREEN PRODUCTS



CRL Belvedere Steel Security Screen Doors

- Diecast Scroll Design Feature
- Durable Powder Coat Paint Finish
- Reversible for Left or Right Handed Openings
- Three Tamper Proof Security Butt Hinges
- Custom Sizes Available on Request
- Deadbolts and Locksets Sold Separately (See Page DW053)

CRL Belvedere Security Screen Doors are engineered to the toughest standards with commercial grade all-steel construction. CRL Belvedere provides some of the most durable security doors available. Each door features 24 gauge perforated mesh, double hole security lock boxes with extended plates, and full length fly straps that do not impede the door's security.

CAT. NO.	COLOR	WIDTH	HEIGHT	PACK QTY.
25162201	White	32" (813 mm)	80" (2032 mm)	1
25162202	White	36" (914 mm)	80" (2032 mm)	1
25162211	Black	32" (813 mm)	80" (2032 mm)	1
25162212	Black	36" (914 mm)	80" (2032 mm)	1
25162221	Navajo	32" (813 mm)	80" (2032 mm)	1
25162222	Navajo	36" (914 mm)	80" (2032 mm)	1

Minimum order: 1 each. All CRL Security Screen Doors can be combined for quantity pricing.
Must ship via common carrier.



Frame Size
1" (25 mm) x 1" (25 mm)



GUARDA COLUMBIA MANUFACTURING CORP. crlaurence.com SECURITY AND SCREEN PRODUCTS



TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Steel Security Door Combination Lock Sets

- For Use On All CRL Steel Security Screen Doors
- Three Finishes From Which to Choose

MORE INFORMATION crlaurence.com

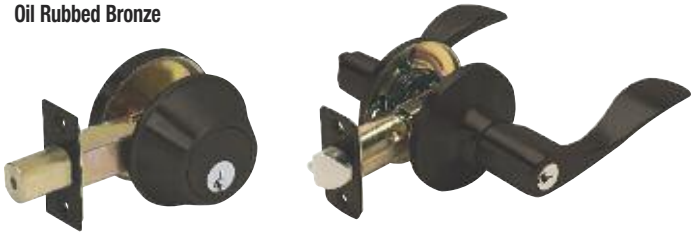
CRL Niagara Deadbolt and Lever Sets

Satin Nickel



CAT. NO. CLL2SN

Oil Rubbed Bronze



CAT. NO. CLL20RB

Polished Brass



CAT. NO. CLL2BR

Deadbolt Features:

Door Range: 1-3/8" (34.9 mm) to 1-3/4" (44.5 mm)
Back Set: Adjustable 2-3/8" (60.3 mm) or 2-3/4" (69.9 mm)
Deadbolt: 1" (25.4 mm) x 2-1/4" (57.2 mm), square corner faceplate, 7/8" (22.2 mm) housing diameter, 1" (25.4 mm) throw with anti-saw roller bar for added security
Strike: 1" (25.4 mm) x 2-1/4" (57.2 mm) square corner
Key Cylinder: Schlage (SCC) keyway
Keys: Two nickel silver cut keys per lock

Lever Features:

Door Range: 1-3/8" (34.9 mm) to 1-3/4" (44.5 mm)
Back Set: Adjustable 2-3/8" (60.3 mm) or 2-3/4" (69.9 mm)
Latch: 1" (25.4 mm) x 2-1/4" (57.2 mm), square corner and radius faceplate, 7/8" (22.2 mm) housing diameter, 1/2" (12.7 mm) throw
Strike: 1-5/8" (41.3 mm) x 2-1/4" (57.2 mm) square corner, full lip
Key Cylinder: Schlage (SCC) keyway
Keys: Two nickel silver cut keys per lock
Certification Meets ANSI 156.2, Series 4000, Grade 3

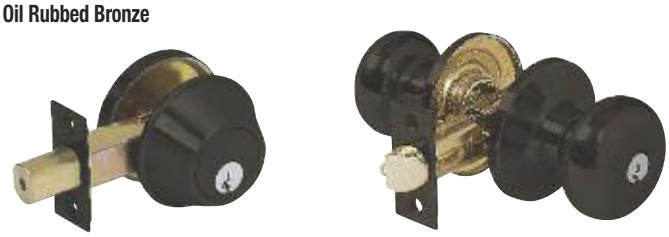
CRL Parkland Deadbolt and Knob Sets

Satin Nickel



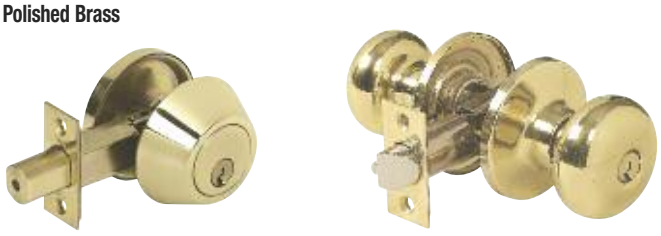
CAT. NO. CLK2SN

Oil Rubbed Bronze



CAT. NO. CLK20RB

Polished Brass



CAT. NO. CLK2BR

Deadbolt Features:

Door Range: 1-3/8" (34.9 mm) to 1-3/4" (44.5 mm)
Back Set: Adjustable 2-3/8" (60.3 mm) or 2-3/4" (69.9 mm)
Deadbolt: 1" (25.4 mm) x 2-1/4" (57.2 mm), square corner faceplate, 7/8" (22.2 mm) housing diameter, 1" (25.4 mm) throw with anti-saw roller bar for added security
Strike: 1" (25.4 mm) x 2-1/4" (57.2 mm) square corner
Key Cylinder: Schlage (SCC) keyway
Keys: Two nickel silver cut keys per lock

Knob Features:

Door Range: 1-3/8" (34.9 mm) to 1-3/4" (44.5 mm)
Back Set: Adjustable 2-3/8" (60.3 mm) or 2-3/4" (69.9 mm)
Latch: 1" (25.4 mm) x 2-1/4" (57.2 mm), square corner and radius faceplate, 7/8" (22.2 mm) housing diameter, 1/2" (12.7 mm) throw
Strike: 1-5/8" (41.3 mm) x 2-1/4" (57.2 mm) square corner, full lip
Key Cylinder: Schlage (SCC) keyway
Keys: Two nickel silver cut keys per lock

Minimum order: 1 set. All Deadbolt Sets can be combined for quantity pricing.

CRL Guarda™ Security Screens

- **High Resistance to Forced Entry**
- **Innovative Patented Design Exceeds International Security Standards**
- **Exclusively Made With Certified 316 Marine Grade High-Tensile Stainless Steel Black Powder Coated Security Mesh**

VIDEO

CRL offers two levels of Guarda™ protection in standard and custom sizes to meet your security needs:

CRL Premium Security Screens feature our maximum strength frames that take protection "to the max" and are perfect for residential properties, military installations, prisons, commercial properties, and other structures that require the ultimate in security. The heavy extruded aluminum (Grade 6063-T5) frame size is 1-1/8" (28.6 mm) x 3-1/2" (88.9 mm). Sliding and swinging screen doors come with heavy-duty three-point latching systems, delivering the ultimate in protection against forced entry.

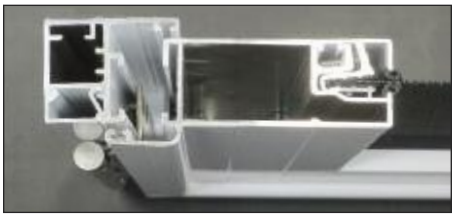
CRL Slimline Security Screens are designed to be aesthetically pleasing for both residential and commercial applications. When used by businesses in commercial applications, Slimline Frames help ensure protection of property and inventory in the same manner they would protect your home and belongings. The extruded aluminum frame size is 13/16" (20.6 mm) x 3-1/4" (82.6 mm). As with the Premium Security Screens, all Slimline Screens feature a three-point latching system to provide increased protection against forced entry. The Slimline Door Series comes complete with hinged side adjustment channel and bottom adjustment channel.

Visit **crlaurence.com/guarda** to learn more about Guarda™. To speak with a CRL Guarda™ Security Systems Technician please call (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7520.









Guarda™ Premium Security Screen Door Cross Section



Guarda™ Slimline Security Screen Door Cross Section



Guarda™ Fixed Window Cross Section

CRL Guarda™ Security Screen Door Applications

VIDEO

CRL US ALUMINUM MANUFACTURED IN THE USA

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CRL Guarda™ Double/Single Sliding Doors

CRL Guarda™ Double/Single Sliding Security Patio Doors can protect either the single sliding glass patio door or both glass panels. Double Security Patio Doors protect the sliding glass door and the stationary glass door panel from intruders. Double and Single Security Doors have a three point locking system with one simple locking action.

CRL Guarda™ Security Patio Doors filter out 60% of the sun's harmful U.V. rays. Both the Single and Double Security Doors are available in an aluminum frame surround system that reduces installation time.

CRL Guarda™ Hinged Security Doors

CRL Guarda™ Hinged Security Doors are often the first line of defense to protect you and your property. CRL Guarda™ Hinged Security Doors are available to accommodate a wide range of swinging door applications, either in an interior or exterior mount configuration. All CRL Guarda™ Security Screen Doors are manufactured with 316 marine grade black powder coated stainless steel mesh. CRL Guarda™ Security Doors are architecturally designed to easily incorporate into aluminum, vinyl, or wood framed openings, for both new and existing structures.



CRL Guarda™ French Security Doors

CRL Guarda™ French Security Doors provide security with elegance and air flow for swinging door applications. CRL Guarda™ French Security Door Systems have two operating doors with no center post when both doors are open, providing an unobstructed view. CRL Guarda™ French Doors can be designed for a left or right active operating door with the security of the inactive door locked in place. The specially designed multi-locking point doors are made strong and durable to provide years of trouble-free use.



CRL Guarda™ Security Screen Door Applications

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VIDEO

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CRL Guarda™ Bi-Fold Security Doors



CRL Guarda™ Bi-Fold Security Doors are a perfect solution to panoramic view door applications while providing a security barrier to unlawful entry to your property. CRL Guarda™ Bi-Fold Security Doors can be configured to almost any opening size. All CRL Guarda™ Bi-Fold Security Doors are an interior mount system and can be recessed with only 5/8" (15.9 mm) of trim above the floor. CRL Guarda™ Bi-Fold Security Doors offer the flexibility of a pivoting door mounted to either the jamb or onto a folding door panel.

Visit our web site at **crlaurence.com/guarda** to learn more about Guarda™. To speak with a CRL Guarda™ Security Systems Technician please call (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7520.

CRL Guarda™ Stacker Security Doors



CRL Guarda™ Stacker Security Doors offer an excellent solution for large panoramic openings, without taking up any interior or exterior space.

CRL Guarda™ Stacker Security Doors are secured in place with a three-point locking system with one simple locking action. CRL Guarda™ Stacker Security Doors can be configured for multiple doors using multiple tracks, and can be justified to the right or left. CRL Guarda™ Stacker Security Door frames are available in White, Black, Bronze, Almond, Brown, Sahara Brown, and Gray.

CRL Guarda™ Casement Security Screens



CRL Guarda™ Security Casement Window Screens can be installed on the interior or exterior, and opened either from the left or right to protect an operable glass window. CRL Guarda™ Security Casement Window Screens feature a multi-point locking system to ensure protection from forced entry. Typical applications include schools, day care centers, government buildings, military facilities, and residential houses. CRL Guarda™ Security Casement Window Screens offer flexibility for mounting on new and existing structures with either a left or right hinge mount.

CRL Guarda™ Security Window Screen Applications

VIDEO

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CRL Guarda™ Fixed Window Security Screens

CRL Guarda™ Fixed Window Security Screens are the ideal solution to cover and protect non-opening windows. CRL Guarda™ Fixed Window Security Screens can be installed on the interior or exterior and feature a concealed fastening system. The slim frame of the CRL Guarda™ Fixed Window Security Screen allows the screen to blend with any architecture. Applications include: schools, day care centers, psychiatric and rehabilitation centers, government buildings, military facilities, adult care housing, and residential houses. CRL Guarda™ Fixed Window Security Screens offer flexibility for mounting on new and existing structures.

Visit **crlaurence.com/guarda** to learn more about Guarda™. To speak with a CRL Guarda™ Security Systems Technician please call (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7520.



CRL Guarda™ Patio Enclosure Security Screens

CRL Guarda™ Patio Enclosure Security Screens allow you to secure an exterior area, making it insect proof, with floor to ceiling screens. CRL Guarda™ Security Screens also block an average of 60% of the sun's harmful U.V. rays. You will have peace of mind with CRL Guarda™ Security Screens providing a security barrier to unlawful entry to your home, and discouraging intruders while providing an unobtrusive view.

Visit **crlaurence.com/guarda** to learn more about Guarda™. To speak with a CRL Guarda™ Security Systems Technician please call (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7520.



CRL Guarda™ Quick Escape Window Screens

CRL Guarda™ Quick Escape Window Screens have an easy release push mechanism that also acts as a secure, tamper resistant device locking the screen closed for peace of mind. Quick Escape Window Screens are designed to be an inside mount or surface mount system. Every CRL Guarda™ Quick Escape Window Screen features a certified, internationally patented framing system and passes international testing for knife shear, dynamic impact, and salt spray.

Visit **crlaurence.com/guarda** to learn more about Guarda™. To speak with a CRL Guarda™ Security Systems Technician please call (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7520.



CRL Guarda™ Curtain Wall Security Screens

- Designed to Protect and Enhance a Building's Architectural Appeal
- New Keyed Locking System Allows Easy Access to Clean Windows
- Fixed Panel System

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VIDEO

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Architects and designers who are familiar with the qualities found in our U.S. Aluminum curtain wall systems know that they can specify them with confidence to their clients. When high security is additionally required, you can count on Guarda™ to provide an aesthetically pleasing look while it does its job to protect against unlawful entry.

CRL Guarda™ Security Screens for curtain wall applications feature high tensile 316 marine grade stainless steel wire mesh. The mesh is powder coated in a black finish and provides a clear unobstructed view while blocking 60 percent of harmful U.V. rays.

CRL Guarda™ Storefront Security Screens

CRL US ALUMINUM MANUFACTURED IN THE USA

- Passes Dynamic Impact Test AS 5041-2003
- 316 Stainless Steel Marine Grade High Tensile Mesh
- 10 Year Powder Coating Color Warranty
- New Keyed Locking System Allows Easy Access to Clean Windows



Add protection to your new storefront plans or your pre-existing projects with CRL Guarda™ Storefront Security Screens. CRL Guarda™ Security Screens feature a certified, internationally patented framing system and passes international testing standards for knife shear, dynamic impact, and salt spray.

Hinged keyed locking panels are available to allow easy access for glass cleaning when required. Typical applications include schools, day care centers, psychiatric and rehabilitation centers, government and military buildings, and adult care facilities.

CRL Guarda™ Entrance Security Screens

CRL US ALUMINUM MANUFACTURED IN THE USA

- Performs High Level Protection While Maintaining the Architectural Integrity of the Entrance
- Resists Unlawful Entry by Heavy Impact Tools, Even Knives
- Framed in High Quality 6063-T5 Aluminum With Durable Powder Coating



CRL Guarda™ Entrance Security Screens offer flexibility for mounting on new and existing structures. Our security screens can be found on commercial and municipal buildings of all types. The peace of mind experienced for structures protected by CRL Guarda™ Security Screens will benefit your clients in a way no other window and door security protection system can.

Fabricated in our own manufacturing facility, you can be assured that the very finest workmanship will be built into every CRL Guarda™ product produced.

Visit our web site at **crlaurence.com/guarda** to learn more about Guarda™. To speak with a CRL Guarda™ Security Systems Technician please call (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7520.

CRL Guarda™ Security Screen Fencing and Gate Systems

- Black Powder Coated 316 Marine Grade High Tensile Stainless Steel Woven Wire Mesh
- Patented Fixing System Makes Panels Nearly Indestructible

MORE INFORMATION crlaurence.com

VIDEO



Gates are an integral part of most commercial, multi-family, and residential projects. The CRL Guarda™ Security Gate and Fencing System provides an attractive alternative to protect residential and commercial properties. The black powder coated 316 marine grade high tensile stainless steel mesh is virtually maintenance free and offers a 60 percent solar block. Choice of gate designs range from the basic swing gate to the most customized automatic or manual gate.

Visit our web sites at **crlaurence.com/guarda** to learn more about Guarda™. To speak with a CRL Guarda™ Security Systems Technician please call (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7520.

CRL Guarda™ Security Screen Wind Reduction Systems

- Security and Privacy With a View
- Attractive System to Complement Any Architectural Design
- Exclusively Made With 316 Marine Grade High Tensile Stainless Steel Mesh



Unlike other wind reduction systems, the CRL Guarda™ Security Screen System provides a security screen that is maintenance free, filters out 60 percent of U.V. sun rays, and offers a buffer to the wind. The heavy extruded aluminum grade 6063-T5 components are powder coated to prevent corrosion, and carry a 10 year warranty. CRL has the ability to design, engineer and fabricate a custom system that will satisfy not only safety and security needs, but also artistic tastes.

CRL Guarda™ Security Screens for Fences and Balcony Railings

- Designed to be Mounted to Almost Any Substrate
- Five Standard Powder Coated Finishes
- Special Coating for Resistance to Salt Water Corrosion



CRL's high quality commercial or residential Aluminum Railing or Fence Systems are manufactured from extruded aluminum framing members utilizing a CRL Guarda™ Protective Security Screen infill. Every Guarda™ Screen features 316 marine grade high tensile stainless steel woven wire that is pre-treated with chromate and powder coated in a black finish. Utilizing our state-of–the-art manufacturing facility we can produce almost any desired design to meet your project specifications.

CRL Patio Door Rollers

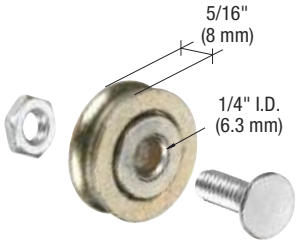
MORE CHOICES crlaurence.com

How to Select a Roller

We offer a vast selection of replacement Patio Door Rollers with different diameters. Popular Rollers and Roller Assemblies are even stocked in bulk packaging to provide you with cost savings.

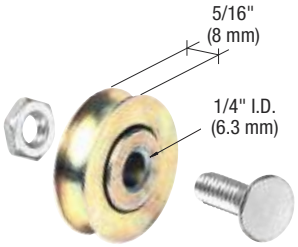
Please visit **crlaurence.com**, and enter the catalog number of the Roller Assembly you are interested in. Once the page appears, click on the "How to Select a Roller" icon to assist you with selecting the correct Roller Assembly.

If you are unable to locate the Roller Assembly you want, please call our Technical Sales Department at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7520. For larger projects you can always call and ask for a bulk quote based on your specific quantity requirements.



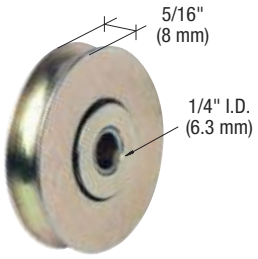
CAT. NO.	ROLLER	DIAMETER	QTY/PKG
D1500	Steel B.B.	1" (25 mm)	2
D1501	Steel B.B.	1-1/8" (29 mm)	2

Minimum order: 1 pack.



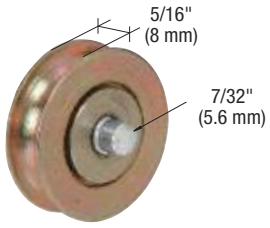
CAT. NO.	ROLLER	DIAMETER	QTY/PKG
D1502	Steel B.B.	1-1/4" (32 mm)	2
D1502B	Steel B.B.	1-1/4" (32 mm)	30

Minimum order: 1 pack.



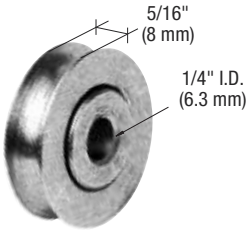
CAT. NO.	ROLLER	DIAMETER	QTY/PKG
D1503	Steel B.B.	1-1/2" (38 mm)	2
D1503B	Steel B.B.	1-1/2" (38 mm)	30

Minimum order: 1 pack.



CAT. NO.	ROLLER	DIAMETER	QTY/PKG
D1854	Steel B.B.	1-1/8" (29 mm)	2
D1765	Steel B.B.	1-1/4" (32 mm)	2
D1766	Steel B.B.	1-1/2" (38 mm)	2

Minimum order: 1 pack.



• Stainless Steel

CAT. NO.	ROLLER	DIAMETER	QTY/PKG
D1692	S. Steel B.B.	1-1/8" (29 mm)	2
D1692B	S. Steel B.B.	1-1/8" (29 mm)	10
D1693	S. Steel B.B.	1-1/4" (32 mm)	2
D1694	S. Steel B.B.	1-1/2" (38 mm)	2

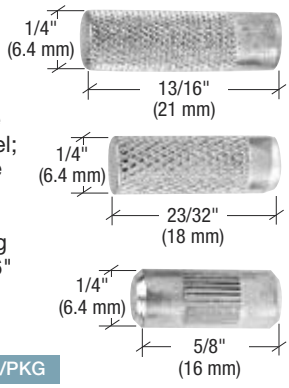
Minimum order: 1 pack.



CAT. NO.	ROLLER	DIAMETER	QTY/PKG
D1504	Nylon B.B.	1-1/4" (32 mm)	2

Minimum order: 1 pack.

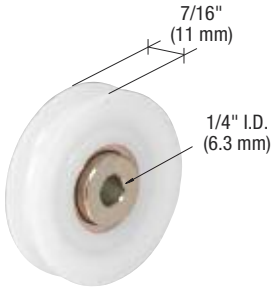
CRL Axle Pins



Axle pins are zinc plated steel; knurled surface for tight fit; two 5/8" long pins; two 23/32" long pins; two 13/16" long pins.

CAT. NO.	QTY/PKG
D1642	3 Pairs

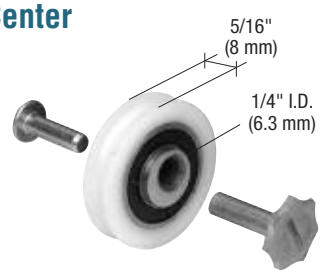
Minimum order: 1 pack.



CAT. NO.	ROLLER	DIAMETER	QTY/PKG
D1716	Nylon B.B.	1-11/16" (43 mm)	2

Minimum order: 1 pack.

• Off-Center Hole



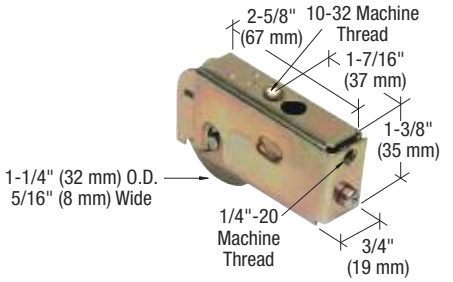
CAT. NO.	ROLLER	DIAMETER	QTY/PKG
D1505	Nylon B.B.	1-7/16" (37 mm)	2
D1505B	Nylon B.B.	1-7/16" (37 mm)	10

Minimum order: 1 pack.

All packs of Patio Door Rollers can be combined for quantity pricing.

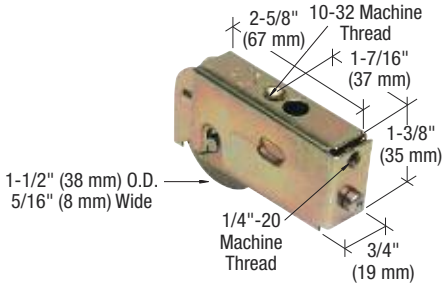
CRL Patio Door Roller Assemblies

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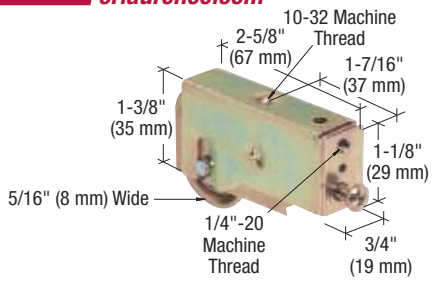
CAT. NO.	ROLLER	QTY/PKG
D1723	Steel B.B.	1
D1723B	Steel B.B.	10

Minimum order: 1 pack.



CAT. NO.	ROLLER	QTY/PKG
D1563	Steel B.B.	1
D1563B	Steel B.B.	10

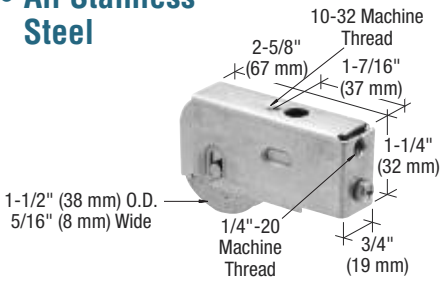
Minimum order: 1 pack.



CAT. NO.	ROLLER	DIAMETER	QTY/PKG
D1832	Steel B.B.	1-1/4" (32 mm)	1
D1831	Steel B.B.	1-1/2" (38 mm)	1

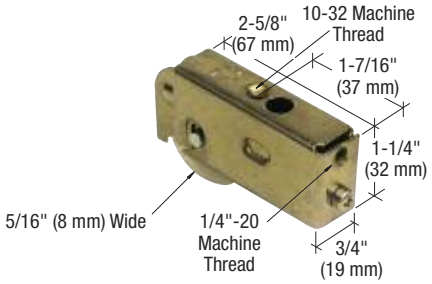
Minimum order: 1 pack.

• All Stainless Steel



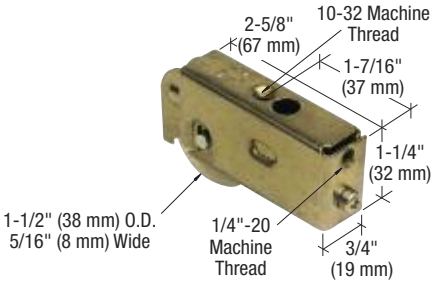
CAT. NO.	ROLLER	QTY/PKG
D1903	Stainless Steel B.B.	1

Minimum order: 1 pack.



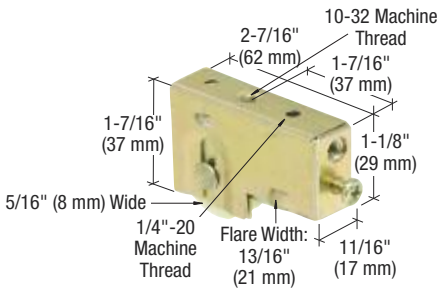
CAT. NO.	ROLLER	DIAMETER	QTY/PKG
D1597	Nylon B.B.	1-1/2" (32 mm)	1
D1896	Steel B.B.	1-1/4" (38 mm)	1

Minimum order: 1 pack.



CAT. NO.	ROLLER	QTY/PKG
D1594	Steel B.B.	1
D1594B	Steel B.B.	10

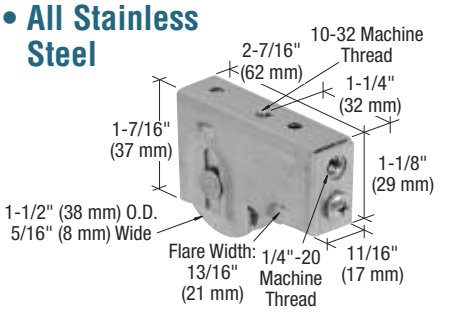
Minimum order: 1 pack.



CAT. NO.	ROLLER	DIAMETER	QTY/PKG
D1747	Steel B.B.	1-1/4" (32 mm)	1
D1537	Steel B.B.	1-1/2" (38 mm)	1

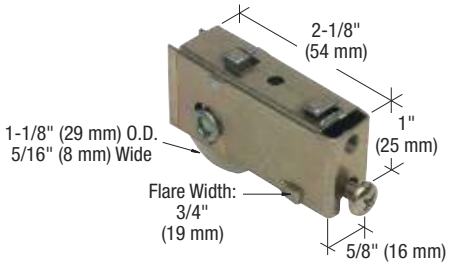
Minimum order: 1 pack.

• All Stainless Steel



CAT. NO.	ROLLER	QTY/PKG
D1948	Stainless Steel B.B.	1

Minimum order: 1 pack.



CAT. NO.	ROLLER	QTY/PKG
D1848	Steel B.B.	1

Minimum order: 1 pack.

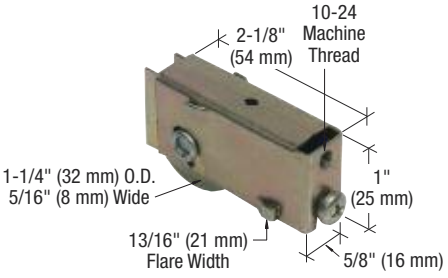
CRL Axle Repair Kit



Stepped axles; roll pins; standard 1/4" rivets; 1/4"-20 carriage bolts; 1/4"-20 hex nuts; binder posts and screws.

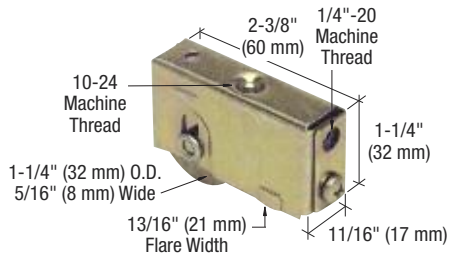
CAT. NO.	QTY/PKG
D1861	1 Set

Minimum order: 1 pack.



CAT. NO.	ROLLER	QTY/PKG
D1554	Steel B.B.	1

Minimum order: 1 pack.

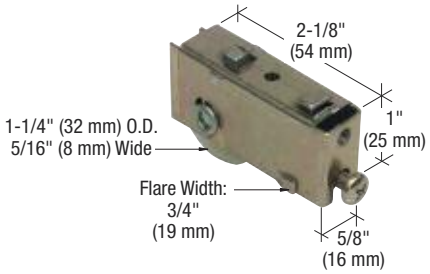


CAT. NO.	ROLLER	QTY/PKG
D1541	Steel B.B.	1
D1541B	Steel B.B.	10

Minimum order: 1 pack.

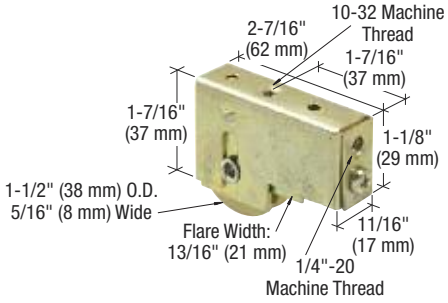
All packs of Patio Door Rollers can be combined for quantity pricing.

CRL Patio Door Roller Assemblies



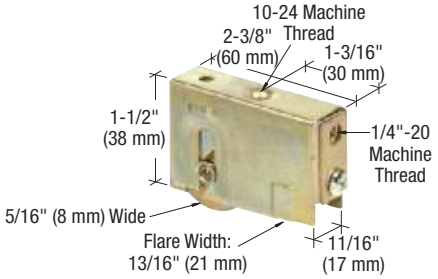
CAT. NO.	ROLLER	QTY/PKG
D1535	Nylon B.B.	1
D1785	Steel B.B.	1

Minimum order: 1 pack.



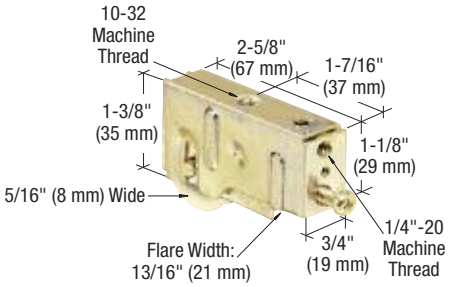
CAT. NO.	ROLLER	QTY/PKG
D1538	Steel B.B.	1

Minimum order: 1 pack.



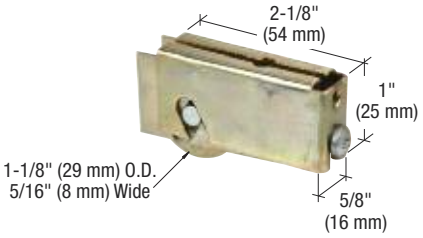
CAT. NO.	ROLLER	DIAMETER	QTY/PKG
D1542	Steel B.B.	1-1/4" (32 mm)	1
D1750	Steel B.B.	1-1/2" (38 mm)	1

Minimum order: 1 pack.



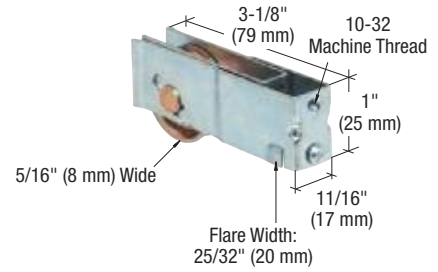
CAT. NO.	ROLLER	DIAMETER	QTY/PKG
D1907	Nylon B.B.	1-1/4" (32 mm)	1
D1860	Steel B.B.	1-1/2" (38 mm)	1

Minimum order: 1 pack. *Minimum Collapsed Height.



CAT. NO.	ROLLER	QTY/PKG
D1596	Steel B.B.	1

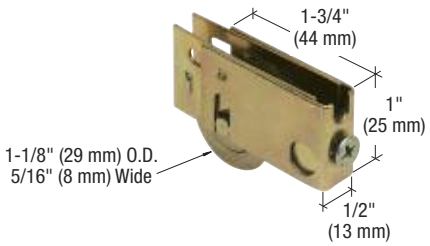
Minimum order: 1 pack.



CAT. NO.	ROLLER	DIAMETER	QTY/PKG
D1850	Steel B.B.	1-1/4" (32 mm)	1
D1952	Steel B.B.	1-1/2" (38 mm)	1

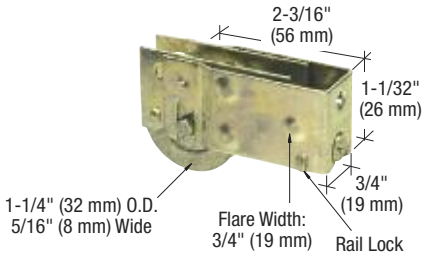
Minimum order: 1 pack.

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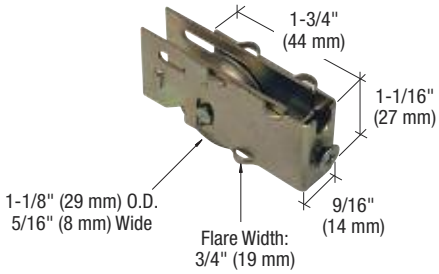
CAT. NO.	ROLLER	QTY/PKG
D1758	Steel B.B.	1

Minimum order: 1 pack.



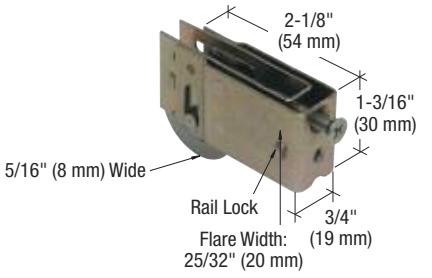
CAT. NO.	ROLLER	QTY/PKG
D1707	Steel B.B.	1

Minimum order: 1 pack.



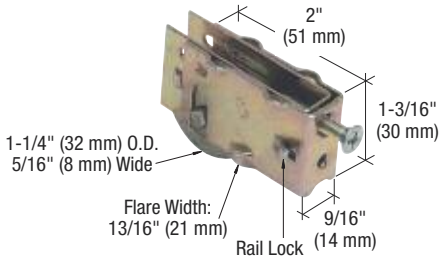
CAT. NO.	ROLLER	QTY/PKG
D1755	Steel B.B.	1

Minimum order: 1 pack.



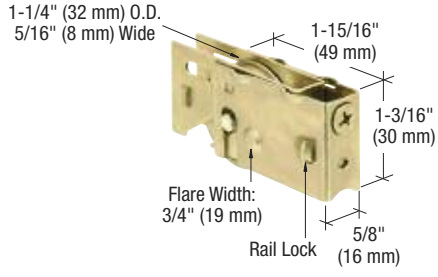
CAT. NO.	ROLLER	DIAMETER	QTY/PKG
D1708	Steel B.B.	1-1/4" (32 mm)	1
D1835	Steel B.B.	1-1/2" (38 mm)	1

Minimum order: 1 pack.



CAT. NO.	ROLLER	QTY/PKG
D1688	Steel B.B.	1
D1688B	Steel B.B.	10

Minimum order: 1 pack.



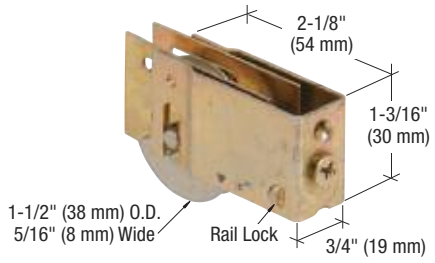
CAT. NO.	ROLLER	QTY/PKG
D1820	Steel B.B.	1

Minimum order: 1 pack.

All packs of Patio Door Rollers can be combined for quantity pricing.

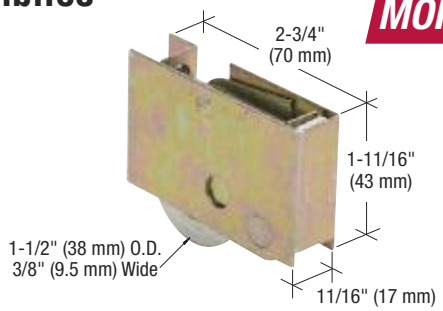
CRL Patio Door Roller Assemblies

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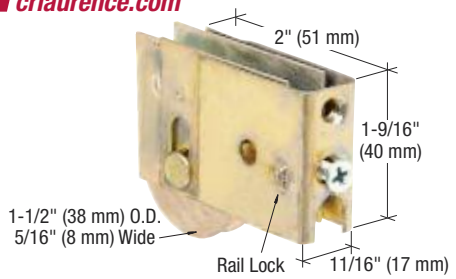
CAT. NO.	ROLLER	QTY/PKG
D1826	Steel B.B.	1

Minimum order: 1 pack.



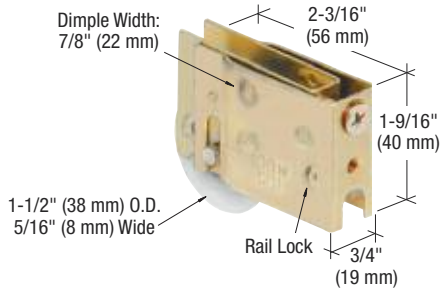
CAT. NO.	ROLLER	QTY/PKG
D1998	Steel B.B.	1

Minimum order: 1 pack.



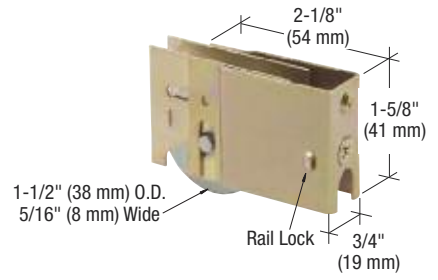
CAT. NO.	ROLLER	QTY/PKG
D1830	Steel B.B.	1

Minimum order: 1 pack.



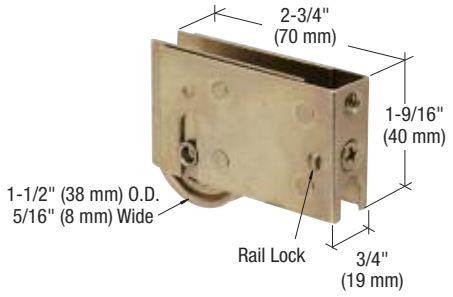
CAT. NO.	ROLLER	QTY/PKG
D1930	Nylon B.B.	1
D1600	Steel B.B.	1

Minimum order: 1 pack.



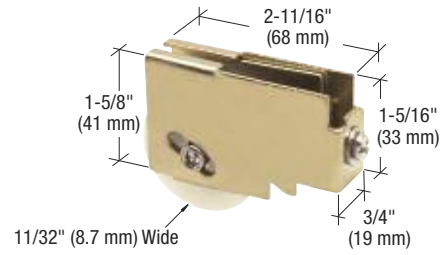
CAT. NO.	ROLLER	QTY/PKG
D1751	Steel B.B.	1

Minimum order: 1 pack.



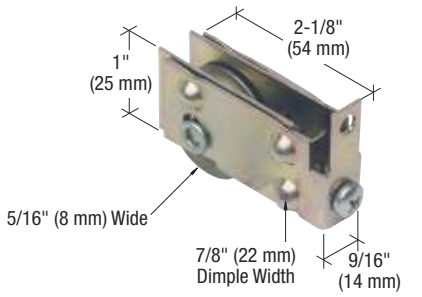
CAT. NO.	ROLLER	QTY/PKG
D1759	Steel B.B.	1

Minimum order: 1 pack.



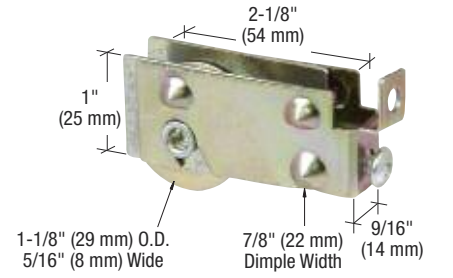
CAT. NO.	ROLLER	DIAMETER	QTY/PKG
D1557	Nylon B.B.	1-11/16" (43 mm)	1
D1726	Steel B.B.	1-13/16" (46 mm)	1

Minimum order: 1 pack.



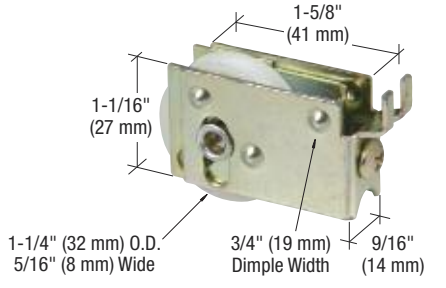
CAT. NO.	ROLLER	DIAMETER	QTY/PKG
D1540	Steel B.B.	1-1/8" (29 mm)	1
D1729	Steel B.B.	1-1/4" (32 mm)	1

Minimum order: 1 pack.



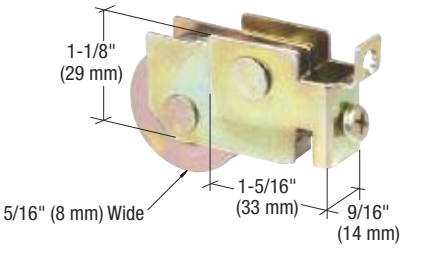
CAT. NO.	ROLLER	QTY/PKG
D1699	Steel B.B.	1

Minimum order: 1 pack.



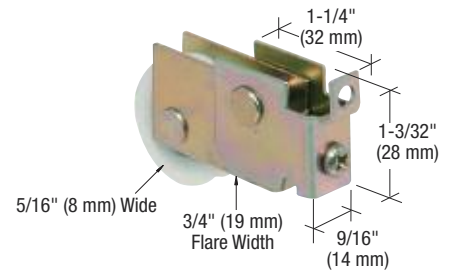
CAT. NO.	ROLLER	QTY/PKG
D1690	Nylon B.B.	1
D1691	Steel B.B.	1

Minimum order: 1 pack.



CAT. NO.	ROLLER	DIAMETER	QTY/PKG
D1686	Steel B.B.	1-1/4" (32 mm)	1
D1740	Steel B.B.	1-1/2" (38 mm)	1

Minimum order: 1 pack.



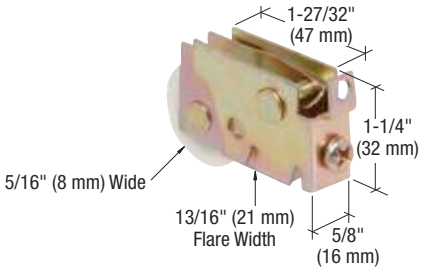
CAT. NO.	ROLLER	DIAMETER	QTY/PKG
D1815	Nylon B.B.	1-1/4" (32 mm)	1
D1753	Steel B.B.	1" (25 mm)	1

Minimum order: 1 pack.

All packs of Patio Door Rollers can be combined for quantity pricing.

CRL Patio Door Roller Assemblies

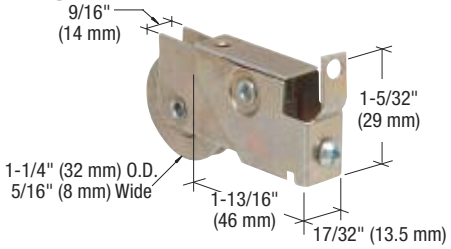
MORE CHOICES crlaurence.com



CAT. NO.	ROLLER	DIAMETER	QTY/PKG
D1870	Nylon B.B.	1-1/2" (38 mm)	1
D1519	Steel B.B.	1-1/4" (32 mm)	1

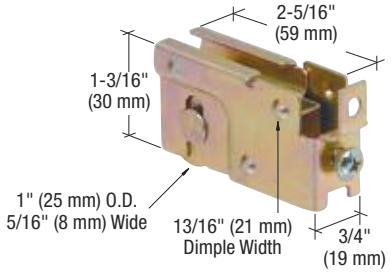
Minimum order: 1 pack.

• Popular in Canada



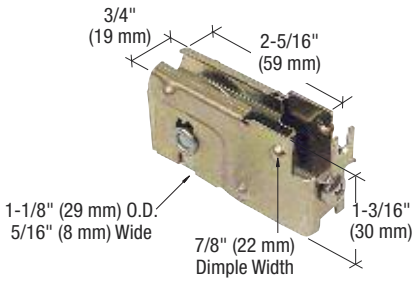
CAT. NO.	ROLLER	QTY/PKG
D1906	Steel B.B.	1

Minimum order: 1 pack.



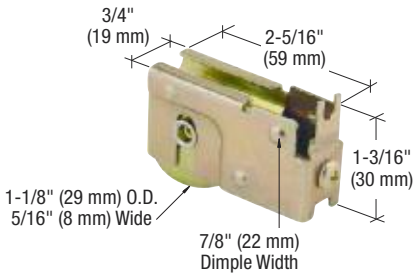
CAT. NO.	ROLLER	QTY/PKG
D1840	Steel B.B.	1

Minimum order: 1 pack.



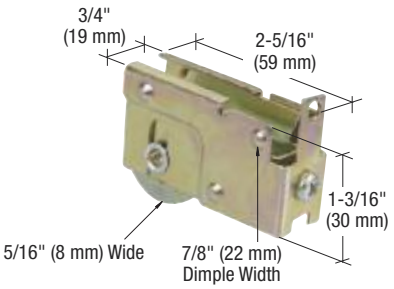
CAT. NO.	ROLLER	QTY/PKG
D1527	Steel B.B.	1

Minimum order: 1 pack.



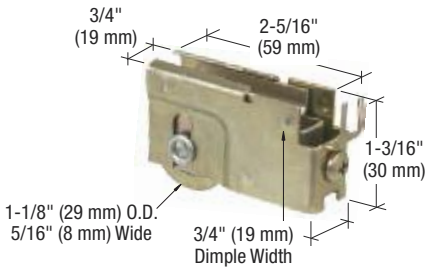
CAT. NO.	ROLLER	QTY/PKG
D1529	Steel B.B.	1

Minimum order: 1 pack.



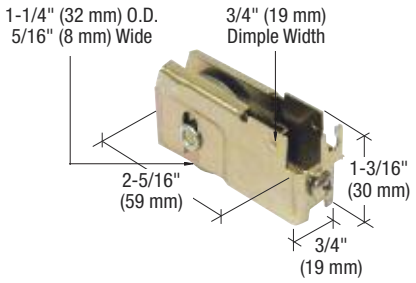
CAT. NO.	ROLLER	DIAMETER	QTY/PKG
D1528	Steel B.B.	1-1/8" (29 mm)	1
D1925	Steel B.B.	1-1/2" (38 mm)	1

Minimum order: 1 pack.



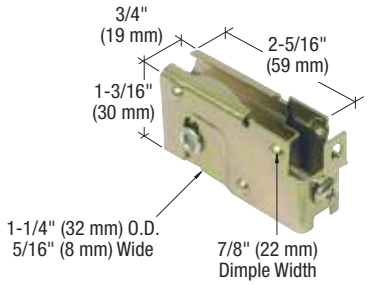
CAT. NO.	ROLLER	QTY/PKG
D1779	Steel B.B.	1

Minimum order: 1 pack.



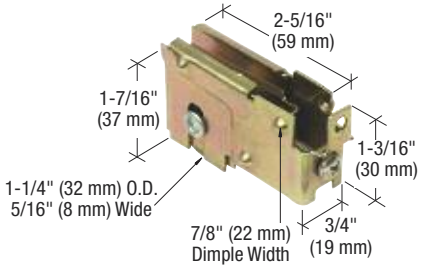
CAT. NO.	ROLLER	QTY/PKG
D1526	Steel B.B.	1

Minimum order: 1 pack.



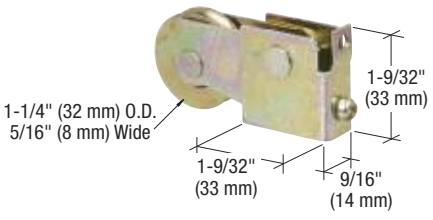
CAT. NO.	ROLLER	QTY/PKG
D1539	Nylon B.B.	1
D1918	Steel B.B.	1

Minimum order: 1 pack.



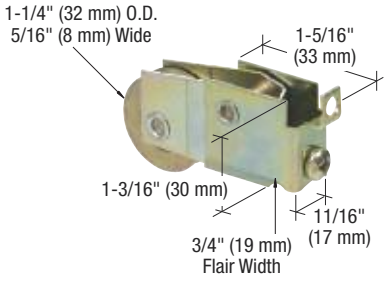
CAT. NO.	ROLLER	QTY/PKG
D1733	Nylon B.B.	1
D1584	Steel B.B.	1

Minimum order: 1 pack.



CAT. NO.	ROLLER	QTY/PKG
D1509	Steel B.B.	1

Minimum order: 1 pack.



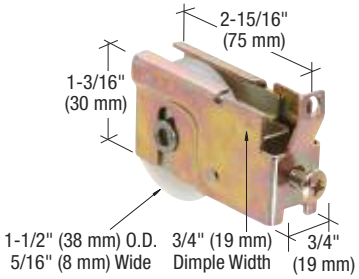
CAT. NO.	ROLLER	QTY/PKG
D1514	Steel B.B.	1

Minimum order: 1 pack.

All packs of Patio Door Rollers can be combined for quantity pricing.

CRL Patio Door Roller Assemblies

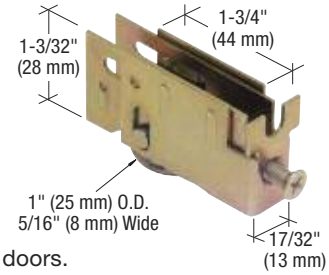
MORE CHOICES crlaurence.com



CAT. NO.	ROLLER	QTY/PKG
D1737	Nylon B.B.	1

Minimum order: 1 pack.

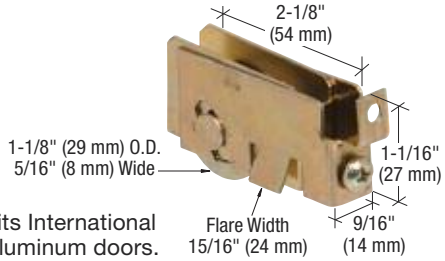
• Flat Roller



Fits Capitol doors.

CAT. NO.	ROLLER	QTY/PKG
D1774	Steel B.B.	1

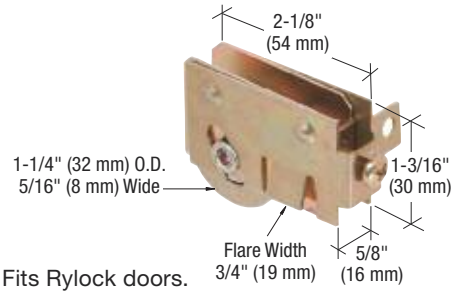
Minimum order: 1 pack.



Fits International Aluminum doors.

CAT. NO.	ROLLER	QTY/PKG
D1942	Steel B.B.	1

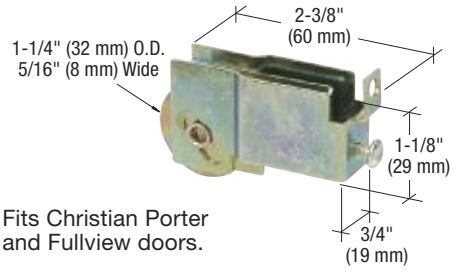
Minimum order: 1 pack.



Fits Rylock doors.

CAT. NO.	ROLLER	QTY/PKG
D1856	Steel B.B.	1

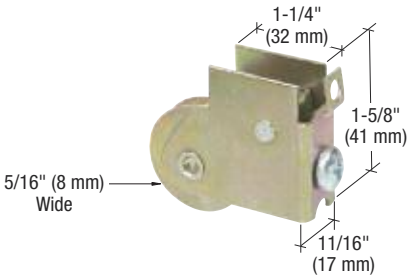
Minimum order: 1 pack.



Fits Christian Porter and Fullview doors.

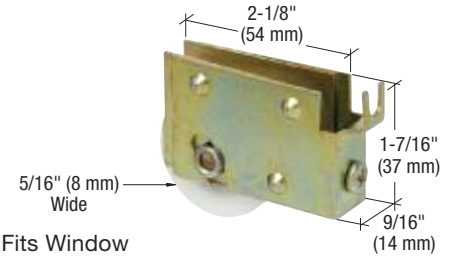
CAT. NO.	ROLLER	QTY/PKG
D1515	Steel B.B.	1

Minimum order: 1 pack.



CAT. NO.	ROLLER	DIAMETER	QTY/PKG
D1578	Steel B.B.	1-1/4" (32 mm)	1
D1790	Steel B.B.	1-1/2" (38 mm)	1

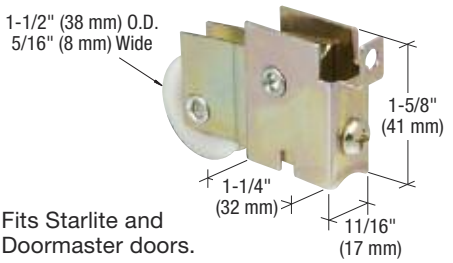
Minimum order: 1 pack.



Fits Window Master doors.

CAT. NO.	ROLLER	DIAMETER	QTY/PKG
D1756	Steel B.B.	1-1/4" (32 mm)	1
D1588	Steel B.B.	1-1/2" (38 mm)	1

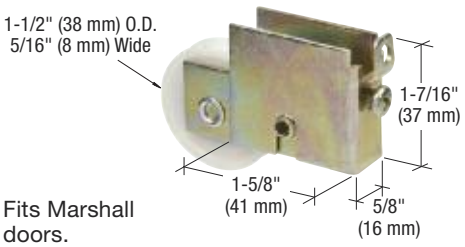
Minimum order: 1 pack.



Fits Starlite and Doormaster doors.

CAT. NO.	ROLLER	QTY/PKG
D1511	Nylon B.B.	1
D1772	Steel B.B.	1

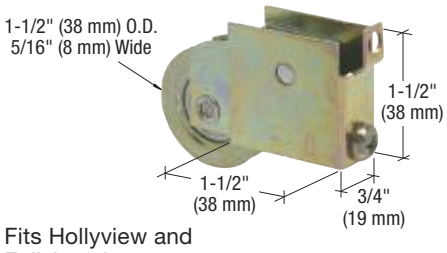
Minimum order: 1 pack.



Fits Marshall doors.

CAT. NO.	ROLLER	QTY/PKG
D1558	Nylon B.B.	1
D1976	Steel B.B.	1

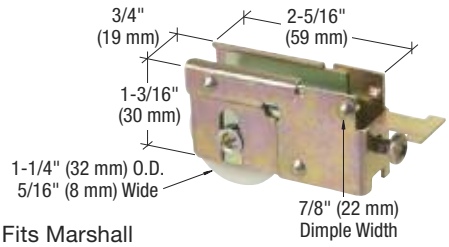
Minimum order: 1 pack.



Fits Hollyview and Fullview doors.

CAT. NO.	ROLLER	QTY/PKG
D1531	Steel B.B.	1

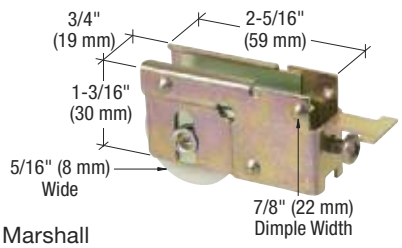
Minimum order: 1 pack.



Fits Marshall Aluminum doors.

CAT. NO.	ROLLER	QTY/PKG
D1728	Nylon B.B.	1
D1923	Steel B.B.	1

Minimum order: 1 pack.



Fits Marshall Aluminum doors.

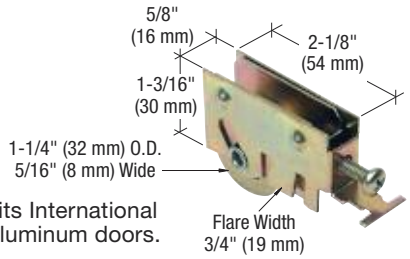
CAT. NO.	ROLLER	DIAMETER	QTY/PKG
D1523	Steel B.B.	1-1/8" (29 mm)	1
D1525	Steel B.B.	1-1/2" (38 mm)	1

Minimum order: 1 pack.

All packs of Patio Door Rollers can be combined for quantity pricing.

CRL Patio Door Roller Assemblies

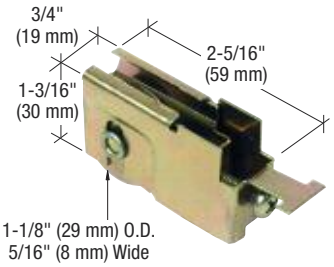
MORE CHOICES crlaurence.com



Fits International Aluminum doors.

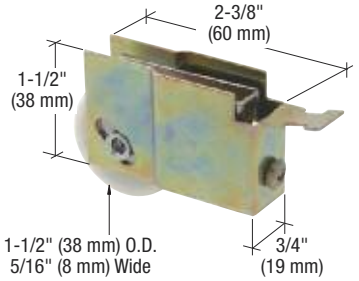
CAT. NO.	ROLLER	QTY/PKG
D1720	Nylon B.B.	1
D1518	Steel B.B.	1
D1518B	Steel B.B.	10

Minimum order: 1 pack.



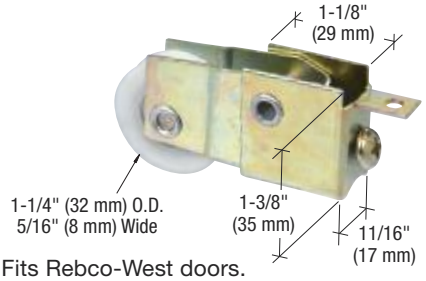
CAT. NO.	ROLLER	QTY/PKG
D1524	Steel B.B.	1

Minimum order: 1 pack.



CAT. NO.	ROLLER	QTY/PKG
D1516	Nylon B.B.	1

Minimum order: 1 pack.

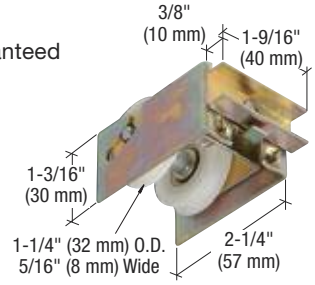


Fits Rebco-West doors.

CAT. NO.	ROLLER	QTY/PKG
D1513	Nylon B.B.	1

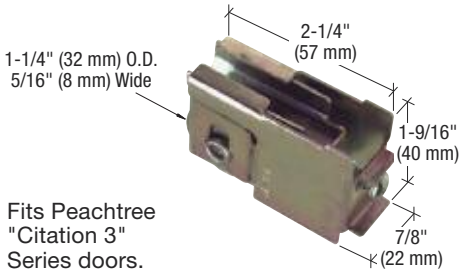
Minimum order: 1 pack.

Fits Guaranteed doors.



CAT. NO.	ROLLER	QTY/PKG
D1547	Nylon B.B.	1
D1548	Steel B.B.	1

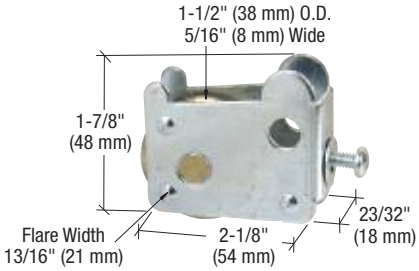
Minimum order: 1 pack.



Fits Peachtree "Citation 3" Series doors.

CAT. NO.	ROLLER	QTY/PKG
D1611	Steel B.B.	1
D1611B	Steel B.B.	10

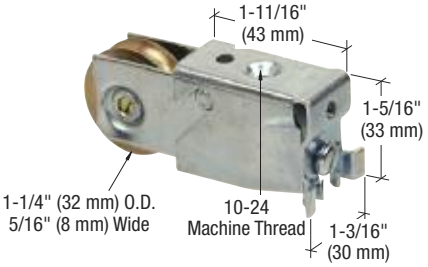
Minimum order: 1 pack.



Fits Rylock doors.

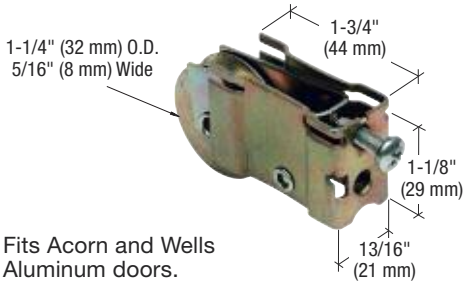
CAT. NO.	ROLLER	QTY/PKG
D1722	Steel B.B.	1

Minimum order: 1 pack.



CAT. NO.	ROLLER	QTY/PKG
D1560	Steel B.B.	1

Minimum order: 1 pack.

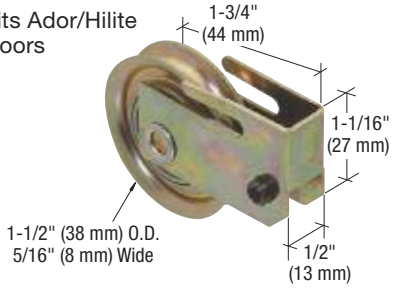


Fits Acorn and Wells Aluminum doors.

CAT. NO.	ROLLER	QTY/PKG
D1559	Steel B.B.	1
D1559B	Steel B.B.	10

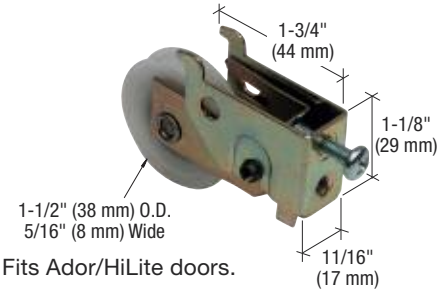
Minimum order: 1 pack.

Fits Ador/Hilite Doors



CAT. NO.	ROLLER	QTY/PKG
D1546	Nylon B.B.	1
D1585	Steel B.B.	1

Minimum order: 1 pack.

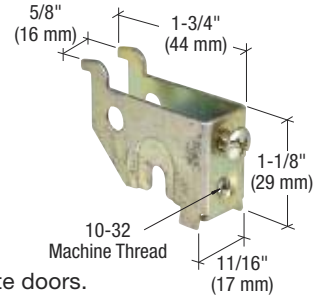


Fits Ador/HiLite doors.

CAT. NO.	ROLLER	QTY/PKG
D1683	Nylon B.B.	1
D1685	Steel B.B.	1

Minimum order: 1 pack.

CRL Patio Door Roller Housing



Fits Ador/HiLite doors.

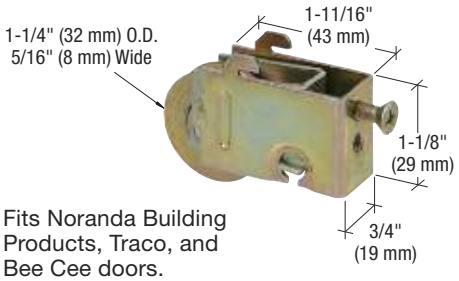
CAT. NO.	QTY/PKG
D1545	1

Minimum order: 1 pack.

All packs of Patio Door Rollers can be combined for quantity pricing.

CRL Patio Door Roller Assemblies

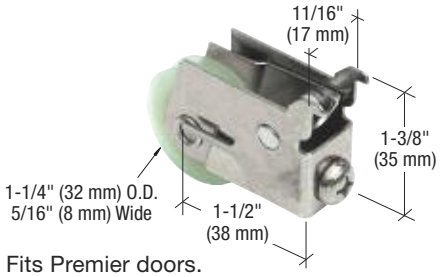
MORE CHOICES crlaurence.com



Fits Noranda Building Products, Traco, and Bee Cee doors.

CAT. NO.	ROLLER	QTY/PKG
D1687	Steel B.B.	1

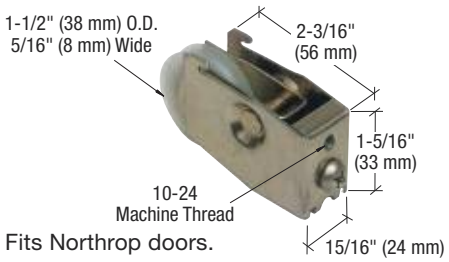
Minimum order: 1 pack.



Fits Premier doors.

CAT. NO.	ROLLER	QTY/PKG
D1522	Nylon B.B.	1
D1752	Steel B.B.	1

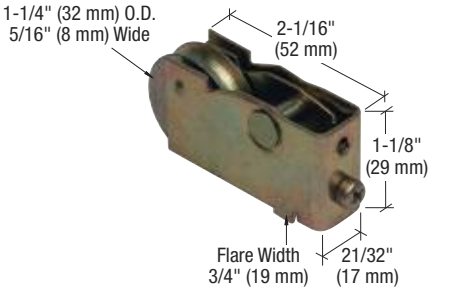
Minimum order: 1 pack.



Fits Northrop doors.

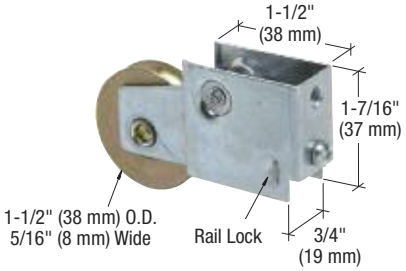
CAT. NO.	ROLLER	QTY/PKG
D1556	Nylon B.B.	1
PB1950	Steel B.B.	1

Minimum order: 1 pack.



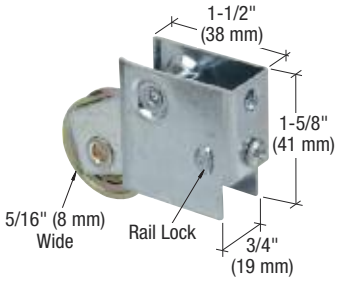
CAT. NO.	ROLLER	QTY/PKG
D1601	Steel B.B.	1

Minimum order: 1 pack.



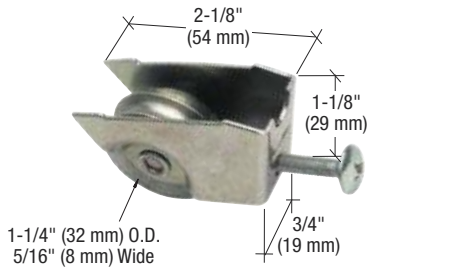
CAT. NO.	ROLLER	QTY/PKG
D1608	Steel B.B.	1

Minimum order: 1 pack.



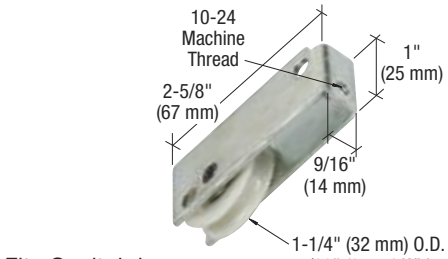
CAT. NO.	ROLLER	DIAMETER	QTY/PKG
D1561	Steel B.B.	1-1/4" (32 mm)	1
D1562	Steel B.B.	1-1/2" (38 mm)	1

Minimum order: 1 pack.



CAT. NO.	ROLLER	QTY/PKG
D1721	Steel B.B.	1

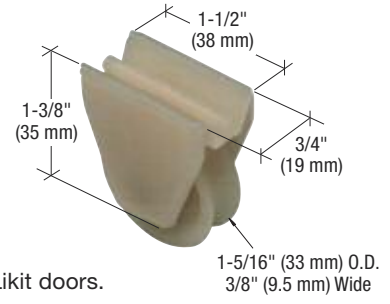
Minimum order: 1 pack.



Fits Capitol doors.

CAT. NO.	ROLLER	QTY/PKG
D1617	Nylon B.B.	1
D1892	Steel B.B.	1

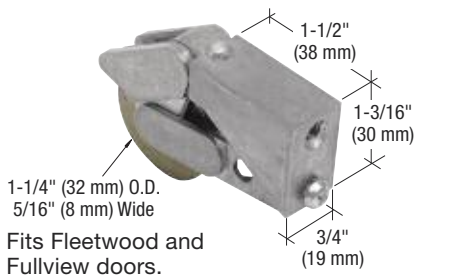
Minimum order: 1 pack.



Fits Likit doors.

CAT. NO.	ROLLER	QTY/PKG
D1565	Nylon B.B.	1

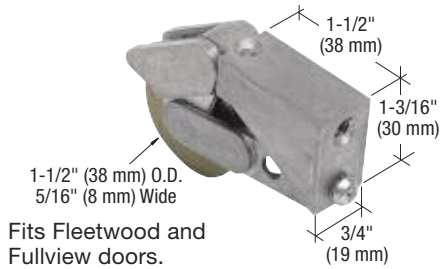
Minimum order: 1 pack.



Fits Fleetwood and Fullview doors.

CAT. NO.	ROLLER	QTY/PKG
D1532	Steel B.B.	1
D1532B	Steel B.B.	10

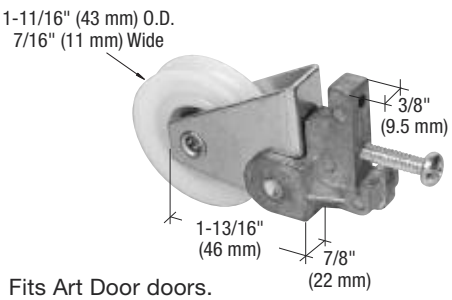
Minimum order: 1 pack.



Fits Fleetwood and Fullview doors.

CAT. NO.	ROLLER	QTY/PKG
D1533	Steel B.B.	1
D1533B	Steel B.B.	10
D1533SS	Stainless Steel BB	1

Minimum order: 1 pack.



Fits Art Door doors.

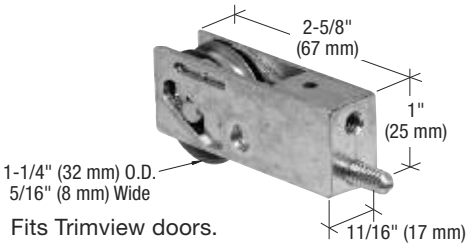
CAT. NO.	ROLLER	QTY/PKG
D1555	Nylon B.B.	1

Minimum order: 1 pack.

All packs of Patio Door Rollers can be combined for quantity pricing.

CRL Patio Door Roller Assemblies

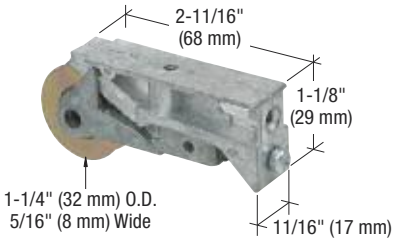
MORE CHOICES crlaurence.com



Fits Trimview doors.

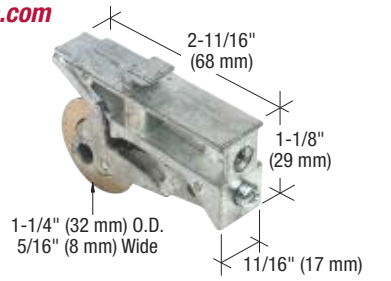
CAT. NO.	ROLLER	QTY/PKG
D1587	Nylon B.B.	1
D1932	Stainless Steel B.B.	1

Minimum order: 1 pack.



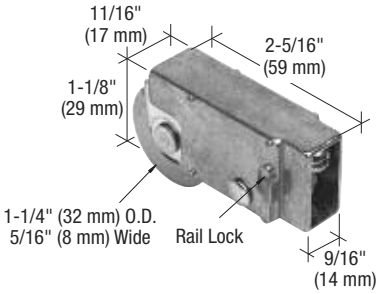
CAT. NO.	ROLLER	QTY/PKG
D1640	Steel B.B.	1

Minimum order: 1 pack.



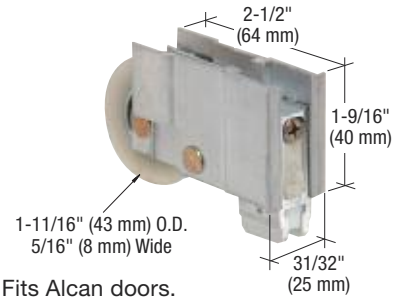
CAT. NO.	ROLLER	QTY/PKG
D1734	Steel B.B.	1

Minimum order: 1 pack.



CAT. NO.	ROLLER	QTY/PKG
D1603	Steel B.B.	1
D1603B	Steel B.B.	10

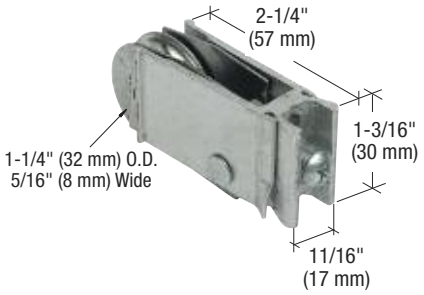
Minimum order: 1 pack.



Fits Alcan doors.

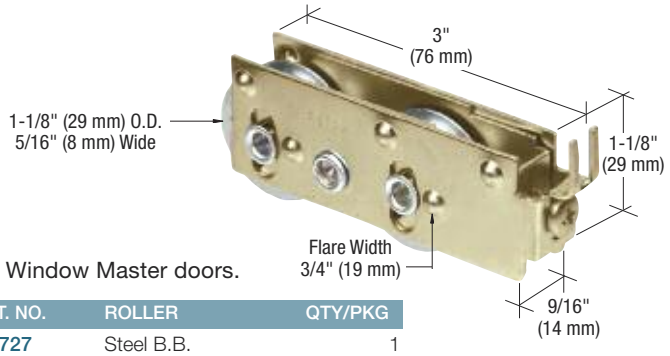
CAT. NO.	ROLLER	QTY/PKG
D1764	Nylon B.B.	1

Minimum order: 1 pack.



CAT. NO.	ROLLER	QTY/PKG
D1602	Steel B.B.	1

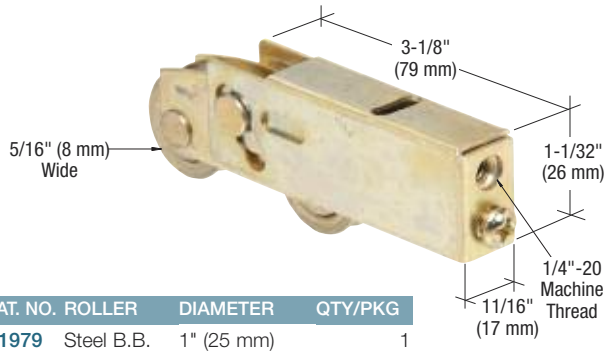
Minimum order: 1 pack.



Fits Window Master doors.

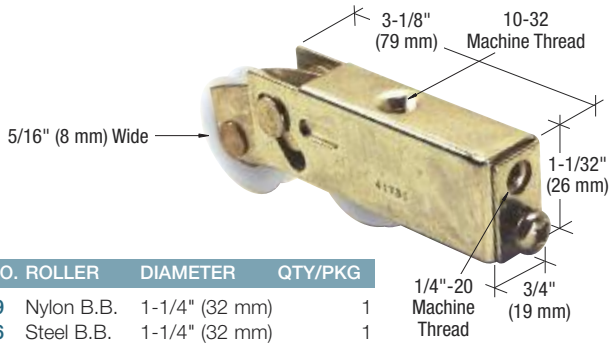
CAT. NO.	ROLLER	QTY/PKG
D1727	Steel B.B.	1
D2013	Stainless Steel B.B.	1

Minimum order: 1 pack.



CAT. NO.	ROLLER	DIAMETER	QTY/PKG
D1979	Steel B.B.	1" (25 mm)	1
D1735	Steel B.B.	1-1/4" (32 mm)	1

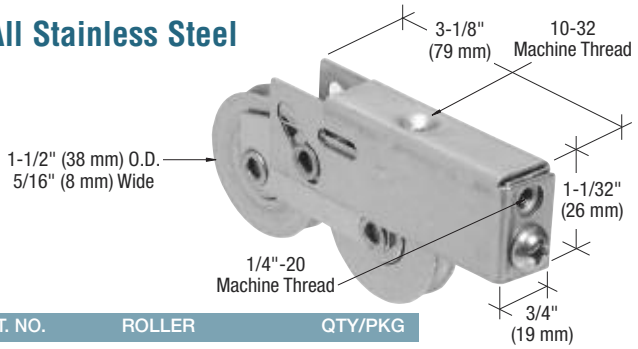
Minimum order: 1 pack.



CAT. NO.	ROLLER	DIAMETER	QTY/PKG
D1739	Nylon B.B.	1-1/4" (32 mm)	1
D1986	Steel B.B.	1-1/4" (32 mm)	1
D1754	Steel B.B.	1-1/2" (38 mm)	1

Minimum order: 1 pack.

• All Stainless Steel

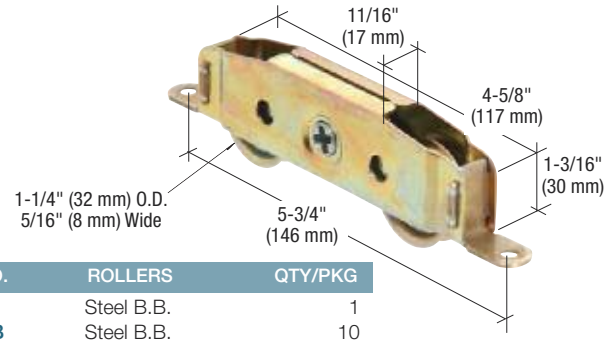


CAT. NO.	ROLLER	QTY/PKG
D1922	Stainless Steel B.B.	1

Minimum order: 1 pack.

All packs of Patio Door Rollers can be combined for quantity pricing.

CRL Patio Door Roller Assemblies

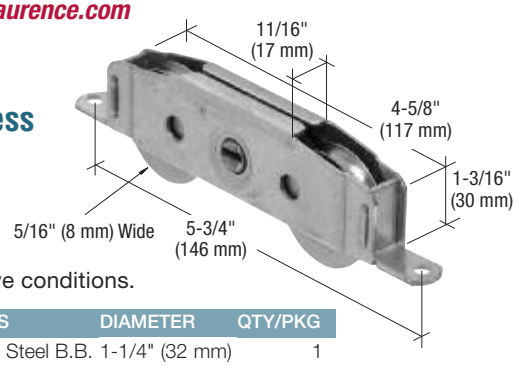


CAT. NO.	ROLLERS	QTY/PKG
D1607	Steel B.B.	1
D1607B	Steel B.B.	10
D1730	Nylon B.B.	1

Minimum order: 1 pack.

MORE CHOICES crlaurence.com

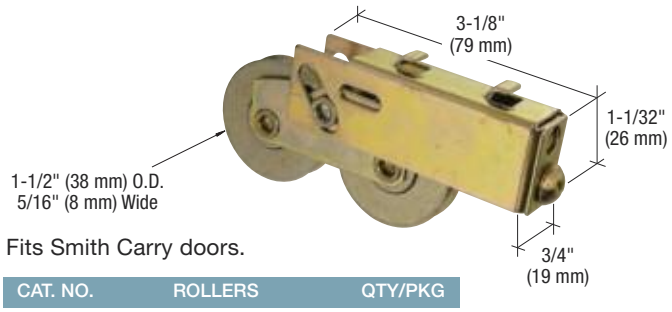
- All Stainless Steel



Ideal for corrosive conditions.

CAT. NO.	ROLLERS	DIAMETER	QTY/PKG
D1780	Stainless Steel B.B.	1-1/4" (32 mm)	1
D1910	Stainless Steel B.B.	1-1/2" (38 mm)	1

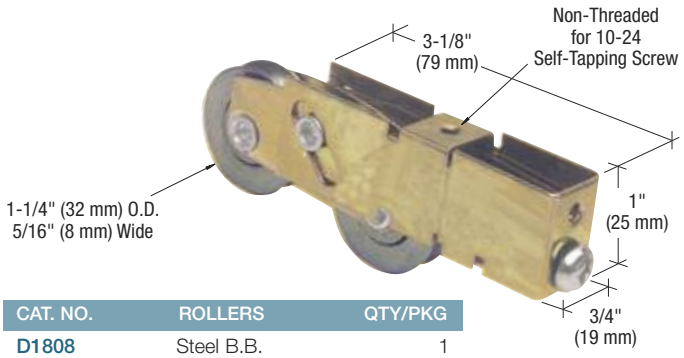
Minimum order: 1 pack.



Fits Smith Carry doors.

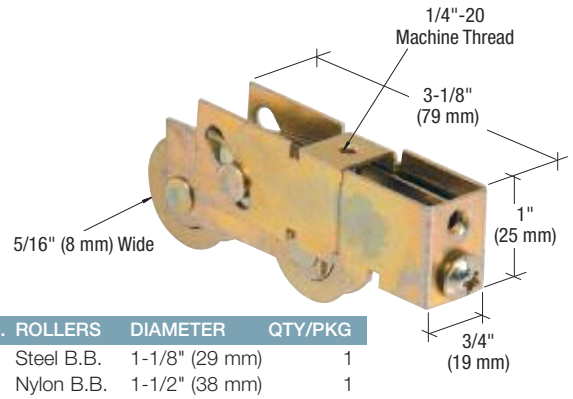
CAT. NO.	ROLLERS	QTY/PKG
D1736	Steel B.B.	1

Minimum order: 1 pack.



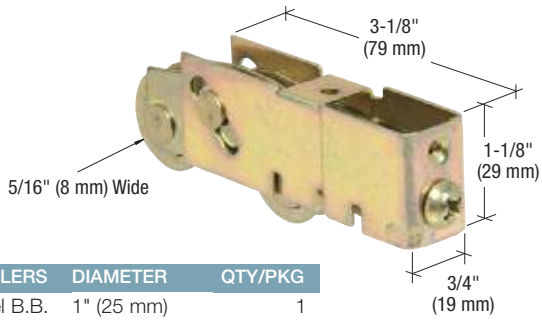
CAT. NO.	ROLLERS	QTY/PKG
D1808	Steel B.B.	1

Minimum order: 1 pack.



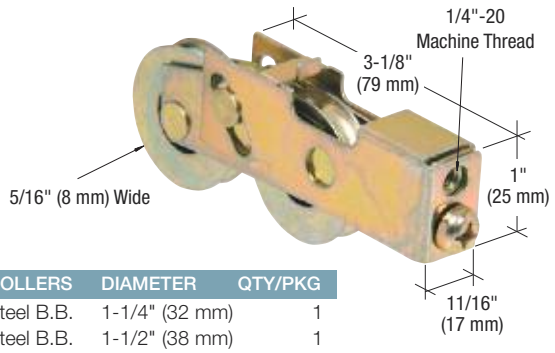
CAT. NO.	ROLLERS	DIAMETER	QTY/PKG
D1791	Steel B.B.	1-1/8" (29 mm)	1
D1940	Nylon B.B.	1-1/2" (38 mm)	1

Minimum order: 1 pack.



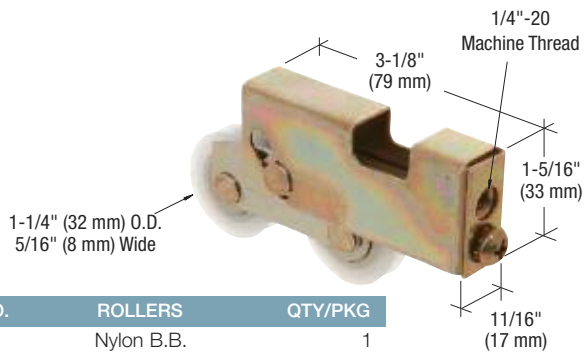
CAT. NO.	ROLLERS	DIAMETER	QTY/PKG
D1982	Steel B.B.	1" (25 mm)	1
D1983	Steel B.B.	1-1/4" (32 mm)	1
D1984	Steel B.B.	1-1/2" (38 mm)	1

Minimum order: 1 pack.



CAT. NO.	ROLLERS	DIAMETER	QTY/PKG
D1858	Steel B.B.	1-1/4" (32 mm)	1
D1988	Steel B.B.	1-1/2" (38 mm)	1

Minimum order: 1 pack.



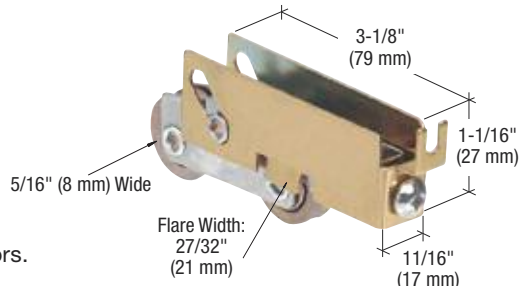
CAT. NO.	ROLLERS	QTY/PKG
D1920	Nylon B.B.	1

Minimum order: 1 pack.

All packs of Patio Door Rollers can be combined for quantity pricing.

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FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL Patio Door Roller Assemblies

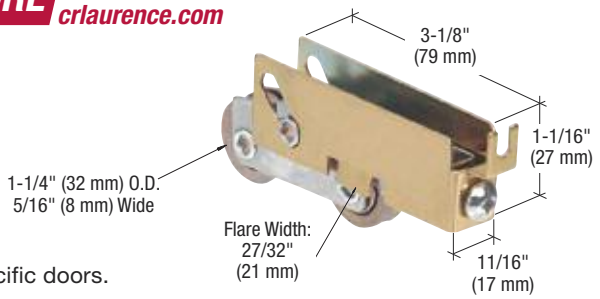


Fits Pacific doors.

CAT. NO.	ROLLERS	DIAMETER	QTY/PKG
D1985	Steel B.B.	1" (25 mm)	1
D1551	Steel B.B.	1-1/8" (29 mm)	1

Minimum order: 1 pack.

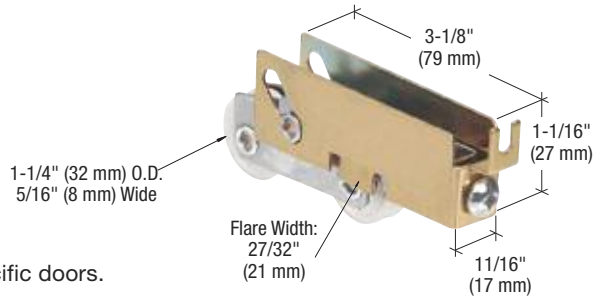
MORE CHOICES crlaurence.com



Fits Pacific doors.

CAT. NO.	ROLLERS	QTY/PKG
D1552	Steel B.B.	1
D1552B	Steel B.B.	10

Minimum order: 1 pack.

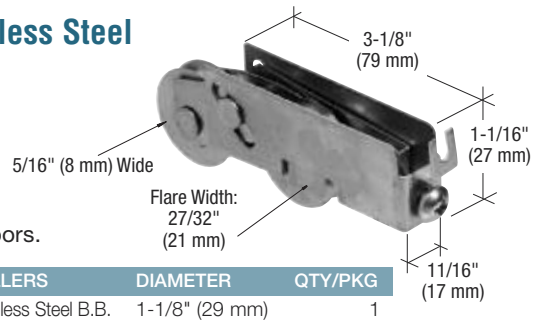


Fits Pacific doors.

CAT. NO.	ROLLERS	QTY/PKG
D1852	Nylon B.B.	1

Minimum order: 1 pack.

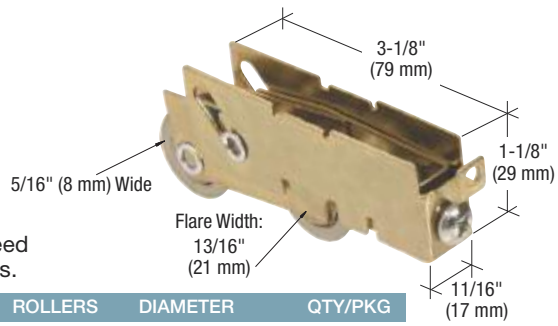
• All Stainless Steel



Fits Pacific doors.

CAT. NO.	ROLLERS	DIAMETER	QTY/PKG
D1926	Stainless Steel B.B.	1-1/8" (29 mm)	1
D1927	Stainless Steel B.B.	1-1/4" (32 mm)	1
D1928	Stainless Steel B.B.	1-1/2" (38 mm)	1

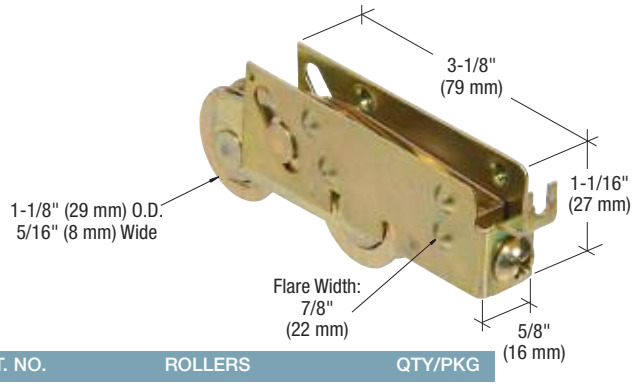
Minimum order: 1 pack.



Fits Guaranteed Product doors.

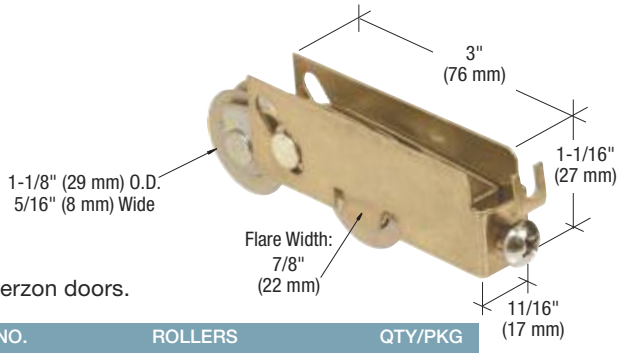
CAT. NO.	ROLLERS	DIAMETER	QTY/PKG
D1846	Steel B.B.	1" (25 mm)	1
D1847	Steel B.B.	1-1/8" (29 mm)	1
D1845	Steel B.B.	1-1/4" (32 mm)	1

Minimum order: 1 pack.



CAT. NO.	ROLLERS	QTY/PKG
D1981	Steel B.B.	1

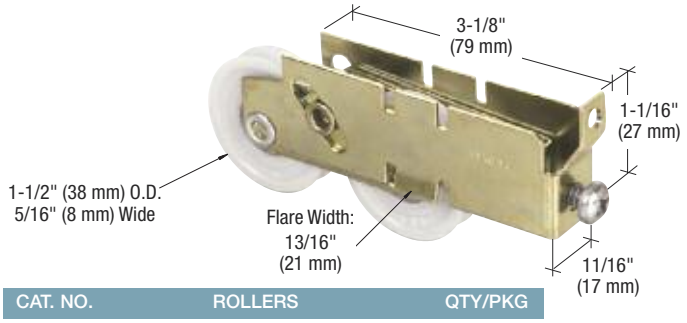
Minimum order: 1 pack.



Fits Merzon doors.

CAT. NO.	ROLLERS	QTY/PKG
D1908	Steel B.B.	1

Minimum order: 1 pack.

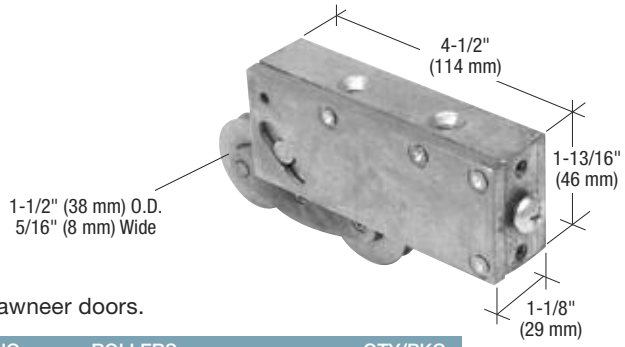


CAT. NO.	ROLLERS	QTY/PKG
D1738	Nylon B.B.	1
D1738B	Nylon B.B.	10

Minimum order: 1 pack.

All packs of Patio Door Rollers can be combined for quantity pricing.

CRL Patio Door Roller Assemblies

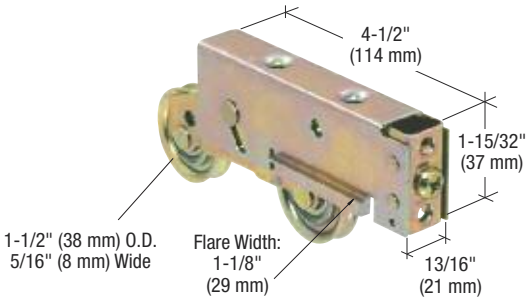


Fits Kawneer doors.

CAT. NO.	ROLLERS	QTY/PKG
D1586	Steel B.B.	1
D1884	Stainless Steel B.B.	1

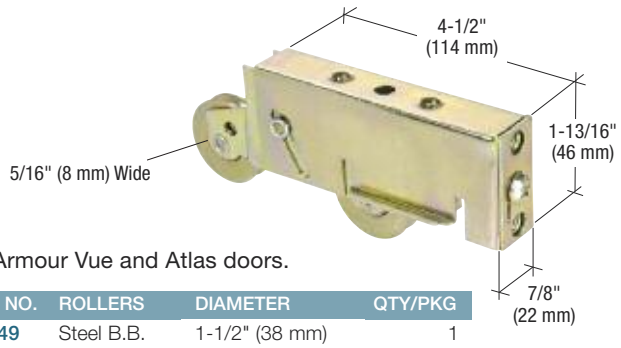
Minimum order: 1 pack.

MORE CHOICES crlaurence.com



CAT. NO.	ROLLERS	QTY/PKG
D1924	Steel B.B.	1

Minimum order: 1 pack.

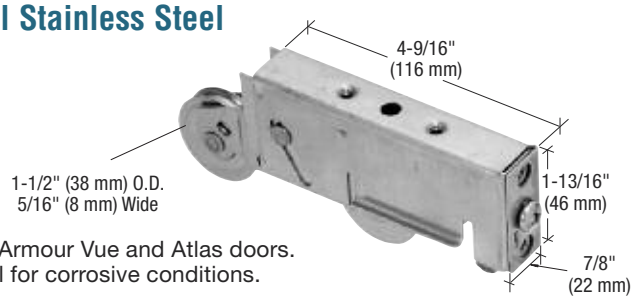


Fits Armour Vue and Atlas doors.

CAT. NO.	ROLLERS	DIAMETER	QTY/PKG
D1549	Steel B.B.	1-1/2" (38 mm)	1
D1843	Steel B.B.	1-13/16" (46 mm)	1

Minimum order: 1 pack.

• All Stainless Steel



Fits Armour Vue and Atlas doors.
Ideal for corrosive conditions.

CAT. NO.	ROLLERS	QTY/PKG
D1937	Stainless Steel B.B.	1

Minimum order: 1 pack.

CRL Door Bumper



CAT. NO.	COLOR	QTY/PKG
D1569	Black	2
D1802	White	2

Minimum order: 1 pack.

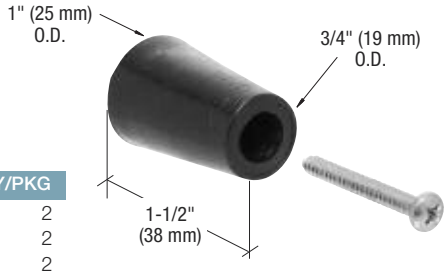
CRL Door Bumper



CAT. NO.	COLOR	QTY/PKG
D1568	Black	2
D1801	White	2

Minimum order: 1 pack.

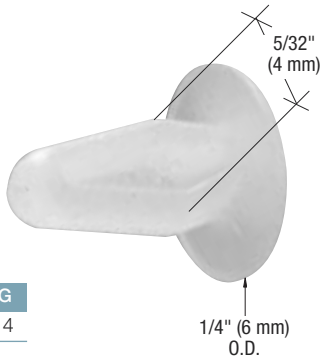
CRL Door Bumper



CAT. NO.	COLOR	QTY/PKG
D1701	Black	2
D2002	Gray	2
D1900	White	2

Minimum order: 1 pack.

CRL Top Guide



CAT. NO.	QTY/PKG
D1710	4

Minimum order: 1 pack.

All packs of Patio Door Rollers and Bumpers can be combined for quantity pricing.

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CRL US ALUMINUM

CRL Patio Door Handle Introduction and Selection Guide

MORE INFORMATION crlaurence.com

This selection of Patio Door Handles has been arranged by category to make it easier to review the over 200 handle models available. If you need further assistance regarding functionality or compatibility of any stocked item, please contact CRL Customer Service. CRL also offers a Sample Matching Service by simply sending in the old original part, faxing a drawing of what you need, or e-mailing a digital photo to **crl@crlaurence.com**.



Flush Handle Sets
See page DW073



Pull Handles
See page DW074



Internal Latch Handle Sets
See pages DW074 – DW075





Hook Type Surface Mount Handles
See pages DW075 – DW076



Clamp Handle Sets
See pages DW076 – DW078



Mortise Handle Sets
See pages DW078 – DW080



Outside Pulls
See page DW081

Flush Type Handle Sets

There are two common styles of latching hooks available. The hook on the most common style points upward, and is positioned lower in the latch (see Cat. No. C1043). The second type has the hook pointed down, and is positioned a bit higher in the latch body (see Cat. No. C1123). Both types are available, but not interchangeable.



CAT. NO. C1043

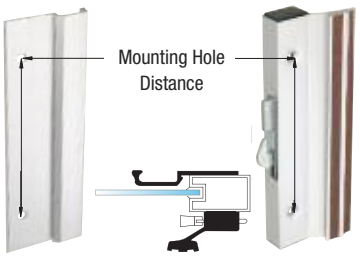


CAT. NO. C1123

Hook Type Surface Mounted Handle

Measure the distance between the mounting holes, and then check the latching hook profile height. Measure from the face of the door to the underside of the hook. The most common is 3/8", as shown on Cat. No. C1000.

Most handles of this type have reversible hook latches for left and right handing of the handle.



CAT. NO. C1000

Clamp Type Handle Sets

Clamp Type Handle sets are most popular on aluminum frame doors manufactured in the Western United States.

When measuring for replacement, always compare the clamp profile while the clamp is in the locked position.



CAT. NO. C1077

Mortise Latch Handles

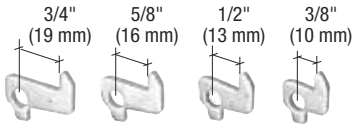
Mortise Latch Handle sets are designed to operate many types of mortise locks found on pages DW082-DW083 of this catalog. Handles and Mortise Locks must be chosen individually since the handle type does not indicate which mortise lock your door may need.



CAT. NO. C1128

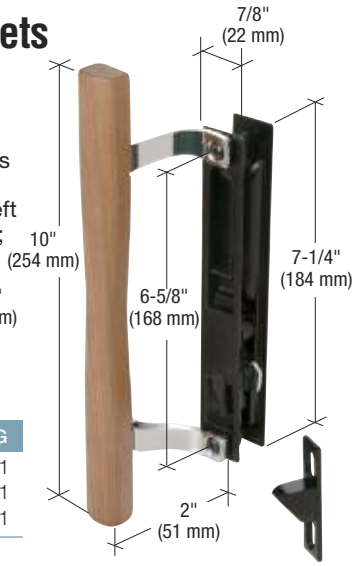
CRL Flush Handle Sets

Standard die cast Flush Latch in two finishes; wood pull having chrome pull brackets; fits most popular door stile cutouts; comes with a set of four different sized hooks, which are reversible for left or right handing; die cast keeper; has night latch feature.



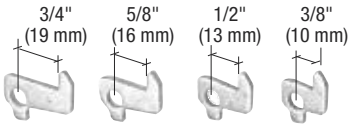
CAT. NO.	KEYED	FINISH	QTY/PKG
C1032	Yes	Black	1
C1148	No	Chrome	1
C1149	Yes	Chrome	1

Minimum order: 1 pack.



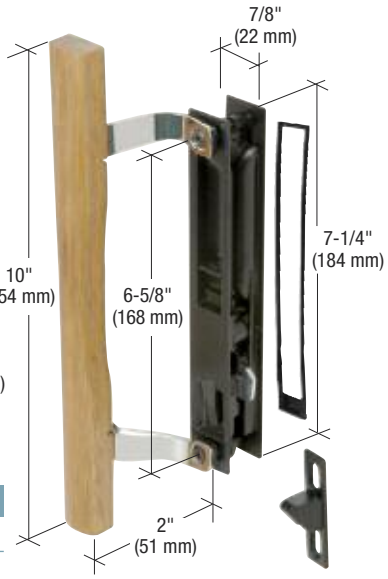
MORE CHOICES crlaurence.com

Standard die cast Flush Latch; wood pull Handle. All Flush Handles on this page fit a minimum door stile thickness of 1" (25 mm). The Croft Alum. 301 Series had a stile thickness of 7/8" (22 mm) to accommodate this door; an 1/8" (3 mm) thick plastic spacer has been added to this package.

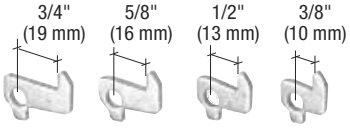


CAT. NO.	KEYED	FINISH	QTY/PKG
C1130	No	Black	1

Minimum order: 1 pack.

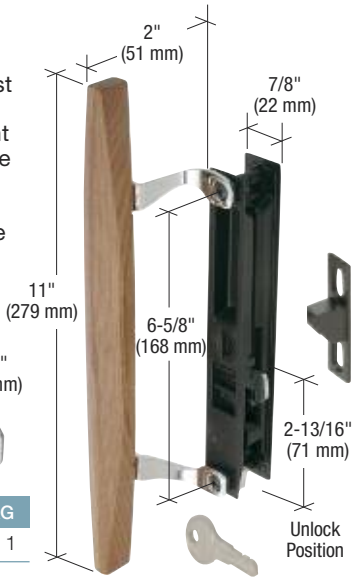


Mid-Body die cast Flush Latch; wood pull handle fits most popular door stile cutouts; comes with a set of four different sized hooks, which are reversible for left or right handing; die cast keeper; has night latch feature. **NOTE:** A mid-body latch has the hook pointed down, which is higher up on the body.

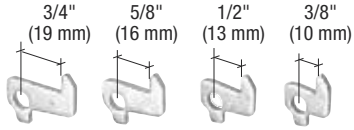


CAT. NO.	KEYED	FINISH	QTY/PKG
C1124	Yes	Black	1

Minimum order: 1 pack.

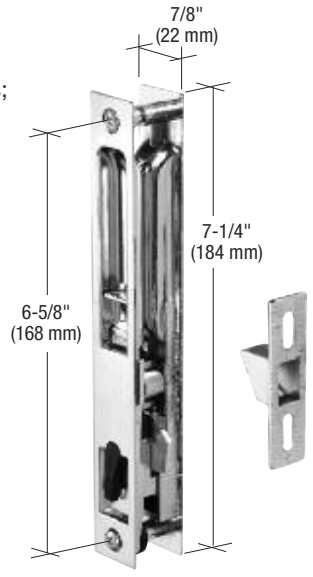


Standard die cast Flush Latch; fits most popular door stile cutouts; comes with a set of four different sized hooks, which are reversible for left or right handing; die cast keeper; has night latch feature.

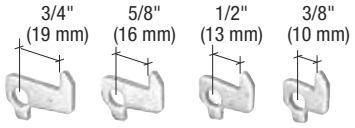


CAT. NO.	KEYED	FINISH	QTY/PKG
C1043	No	Black	1
C1045	No	Chrome	1
C1226	No	White	1

Minimum order: 1 pack.

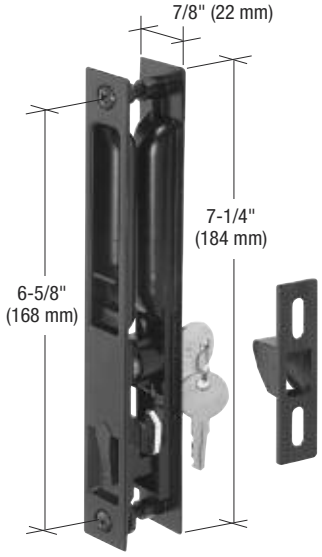


Standard die cast Flush Latch; key cylinder fits most popular door stile cutouts; comes with a set of four different sized hooks, which are reversible for left or right handing; die cast keeper; has night latch feature.

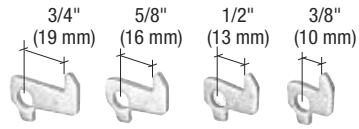


CAT. NO.	KEYED	FINISH	QTY/PKG
C1033	Yes	Black	1
C1129	Yes	White	1

Minimum order: 1 pack.

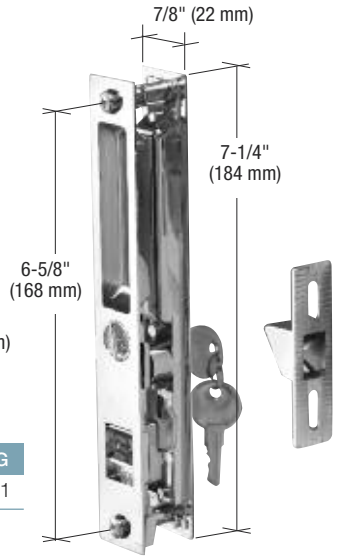


Standard die cast Flush Latch; similar in function and size to Cat. No. C1033 on this page; Latch has a round turn type nite latch actuator, instead of the flipper style; four hook assortment; die cast keeper, and two keys. Used by several door manufacturers.



CAT. NO.	KEYED	FINISH	QTY/PKG
C1076	Yes	Chrome	1

Minimum order: 1 pack.



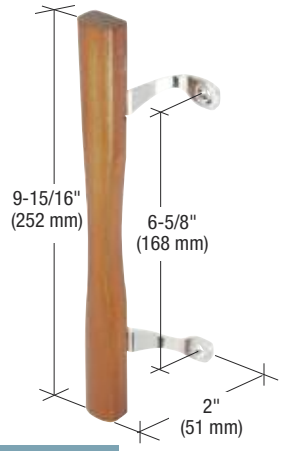
All packs of Patio Door Handles can be combined for quantity pricing.

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CRL US ALUMINUM

CRL Pull Handles

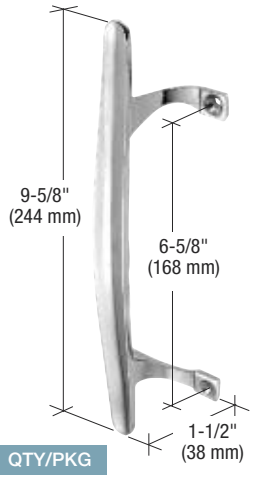
Hardwood pull handle with stained finish; die cast mounting brackets; used on flush handle sets with 6-5/8" (168 mm) hole centers.



CAT. NO.	FINISH	QTY/PKG
C1034	Chrome	1
C1034B	Chrome	5
C1192	Black	1

Minimum order: 1 pack.

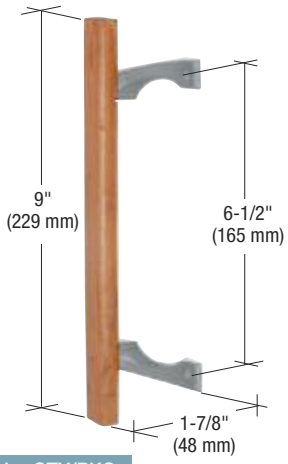
Die cast pull handle; used on flush handle sets with 6-5/8" (168 mm) hole centers.



CAT. NO.	FINISH	QTY/PKG
C1067	Chrome	1
C1067B	Chrome	5
C1196	White	1

Minimum order: 1 pack.

Hardwood pull handle with stained finish, mounted to a one piece die cast base; mounting holes have 6-1/2" (165 mm) hole centers.



CAT. NO.	FINISH	QTY/PKG
C1189	Gray	1
C1190	Black	1

Minimum order: 1 pack.

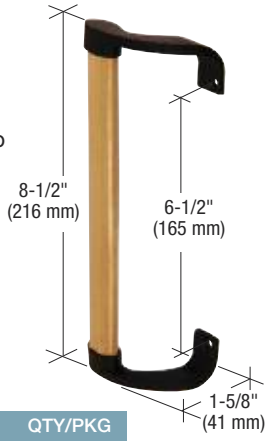
Hardwood pull handle with stained finish; die cast mounting brackets; used on flush handle sets with 6-5/8" (168 mm) hole centers.



CAT. NO.	FINISH	QTY/PKG
C1069	Chrome	1
C1069B	Chrome	5

Minimum order: 1 pack.

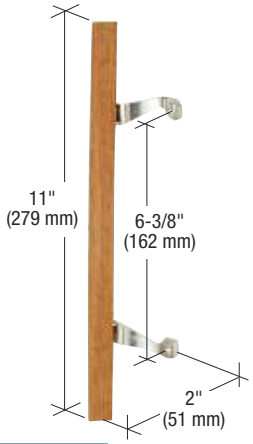
Hardwood pull handle with stained finish; die cast end cap stile mounting brackets; used with Cat. No. C1074 and Cat. No. AG4501 flush handle sets.



CAT. NO.	FINISH	QTY/PKG
C1068	Black	1
C1110	Gray	1

Minimum order: 1 pack.

Hardwood pull handle with stained finish; die cast mounting brackets; used on flush handle sets with 6-3/8" (162 mm) hole centers.

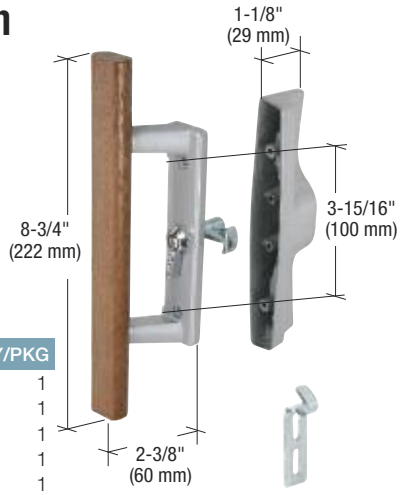


CAT. NO.	FINISH	QTY/PKG
C1220	Chrome	1

Minimum order: 1 pack.

CRL Internal Latch Handle Set

Die cast Handle and Latch assembly with wood pull for 1" (25 mm) thick door frames; thumbturn and hold open spring are easily reversible for left or right handing; comes with stamped steel keeper; night latch feature.

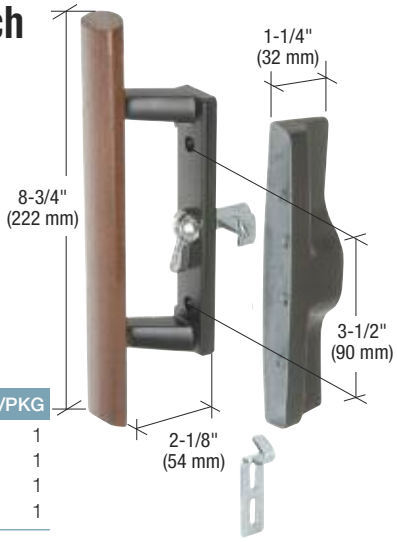


CAT. NO.	KEYED	FINISH	QTY/PKG
C1018	No	Aluminum	1
C1064	Yes	Aluminum	1
C1107	No	Black	1
C1132	Yes	Black	1
C1195	No	White	1
C1200	Yes	White	1

Minimum order: 1 pack.

CRL Internal Latch Handle Set

Die cast Handle and Latch assembly with wood pull; thumbturn and hold open spring are easily reversible for left or right handing; comes with a stamped steel keeper; night latch feature; designed for Acorn brand doors.



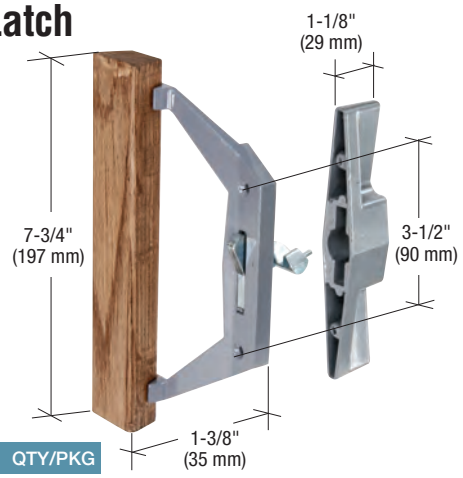
CAT. NO.	KEYED	FINISH	QTY/PKG
C1095	No	Black	1
C1241	Yes	Black	1
C1194	No	White	1
C1242	No	Gray	1

Minimum order: 1 pack.

All packs of Patio Door Handles can be combined for quantity pricing.

CRL Internal Latch Handle Set

Die cast Handle and Latch assembly with wood pull; designed for Burval and Trimview doors; now available with keyed lock.



CAT. NO.	KEYED	FINISH	QTY/PKG
C1025	No	Gray	1
C1211	Yes	Gray	1

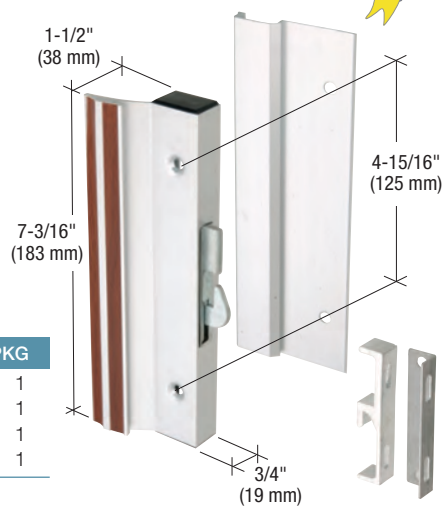
Minimum order: 1 pack.

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CRL Hook Handle Set

MOST POPULAR 1

Extruded aluminum inside Latch and outside Pull; reversible internal latch hook for left or right handing; includes keeper; overall handle height is 1-1/2" (38 mm); latch hook profile is 3/8" (10 mm); used by several door manufacturers.

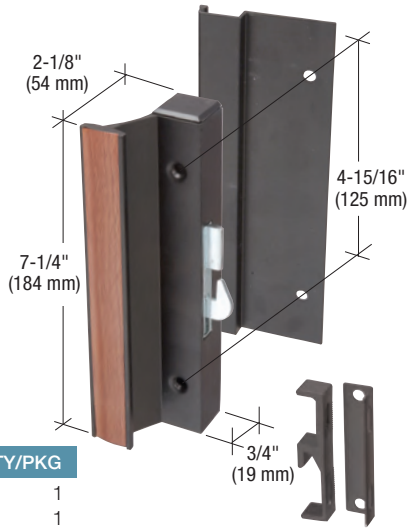


CAT. NO.	FINISH	QTY/PKG
C1000	Aluminum	1
C1001	Black	1
C1185	Bronze	1
C1203	White	1

Minimum order: 1 pack.

CRL Hook Handle Set

High profile extruded aluminum inside Latch and outside Pull; reversible internal latch hook for left or right handing; includes keeper; latch hook profile is 9/16" (14 mm); Cat. No. C1094 has a punched outside pull for a key cylinder, which is included.

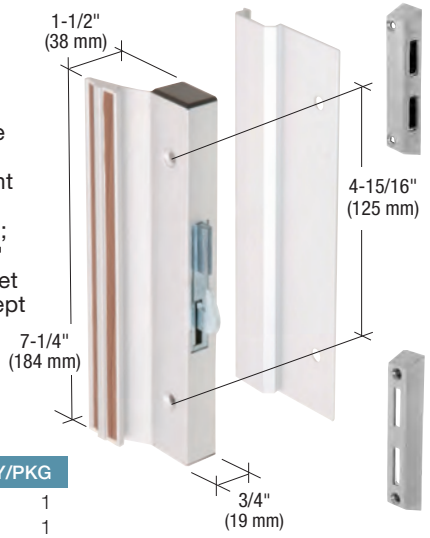


CAT. NO.	KEYED	FINISH	QTY/PKG
C1002	No	Aluminum	1
C1003	No	Black	1
C1094	Yes	Black	1

Minimum order: 1 pack.

CRL Hook Handle Set

Extruded aluminum inside Latch and outside Pull; reversible internal latch hook for left or right handing; overall handle height is 1-1/2" (38 mm); latch hook profile is 3/8" (10 mm); same handle set as Cat. No. C1000, except package includes two stamped steel keepers, one face mount and one side mount.

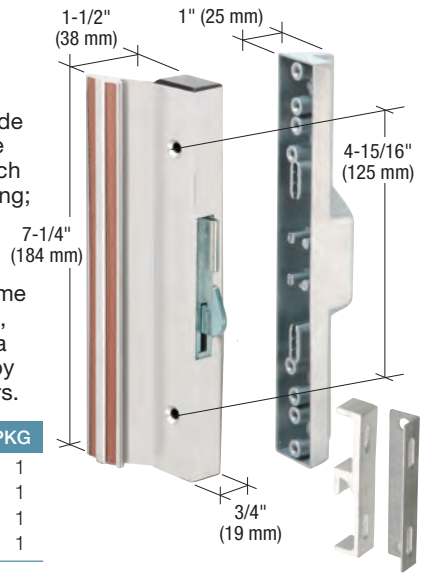


CAT. NO.	FINISH	QTY/PKG
C1070	Aluminum	1
C1071	Black	1

Minimum order: 1 pack.

CRL Hook Handle Set

Extruded aluminum inside Latch and die cast outside Pull; reversible internal latch hook for left or right handing; includes keeper; overall handle height is 1-1/2" (38 mm); latch hook profile is 3/8" (10 mm); same Handle as Cat. No. C1000, except package includes a raised outside pull; used by several door manufacturers.

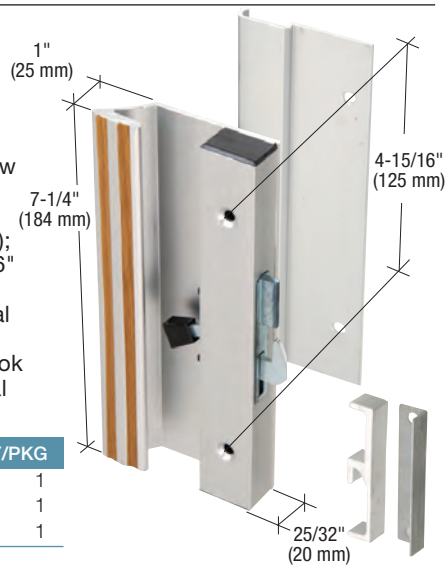


CAT. NO.	FINISH	QTY/PKG
C1198	Aluminum	1
C1125	Black	1
C1118	White	1
C1119	Almond	1

Minimum order: 1 pack.

CRL Hook Handle Set

Low profile extruded aluminum inside Latch and outside Pull; very low profile latch hook style handle has an overall height of just 1" (25 mm); latch hook profile is 7/16" (11 mm); ideal for doors with vertical or horizontal blinds; will interchange with all popular latch hook handles; used by several door manufacturers.



CAT. NO.	FINISH	QTY/PKG
C1004	Aluminum	1
C1007	Black	1
C1191	White	1

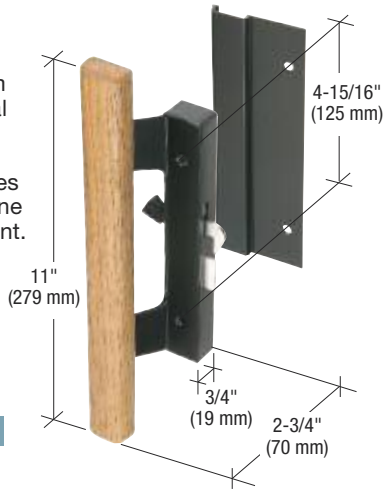
Minimum order: 1 pack.

All packs of Patio Door Handles can be combined for quantity pricing.

CRL Hook Handle Sets

High profile extruded aluminum inside Latch with wood Pull; extruded aluminum outside pull; reversible internal latch hook for left or right handing; latch hook profile is 3/8" (10 mm); package includes two stamped steel keepers, one face mount and one side mount.



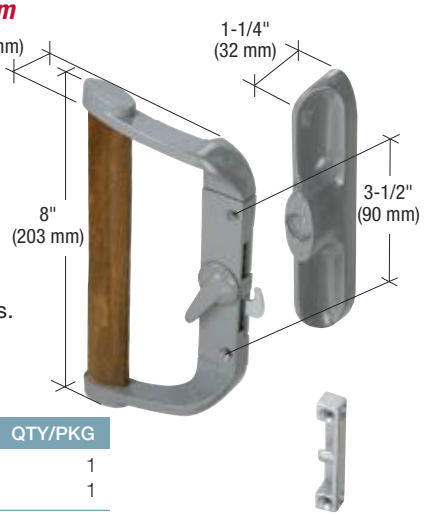


CAT. NO.	FINISH	QTY/PKG
C1060	Aluminum	1
C1061	Black	1

Minimum order: 1 pack.

MORE CHOICES crlaurence.com

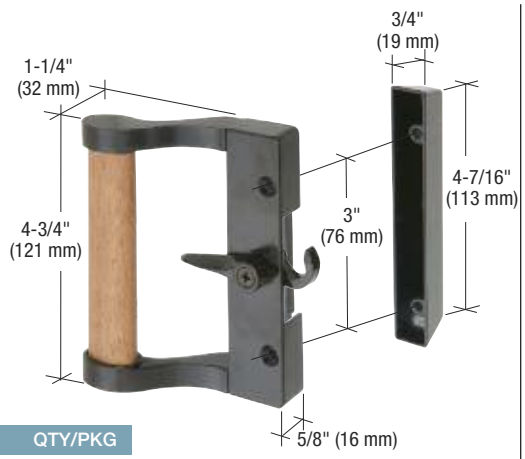
Die cast inside Latch with wood Pull; extruded aluminum outside pull; includes two way keeper; non-reversible latch hook, however, handle can be turned hook up or down for handing; used by several door manufacturers.



CAT. NO.	KEYED	FINISH	QTY/PKG
C1016	No	Aluminum	1
C1017	Yes	Aluminum	1

Minimum order: 1 pack.

Die cast inside Latch with wood Pull; die cast outside pull; designed for Fullview doors.



CAT. NO.	FINISH	QTY/PKG
C1023	Aluminum	1
C1024	Black	1

Minimum order: 1 pack.

• Popular in Canada

Die cast inside Handle and outside Pull has dual stamped steel latching hooks. **NOTE:** Original Handle design had a vertical actuator slide. This new style with thumbturn replaces the original. Includes keeper. Optional outside pull with key cylinder is available, Cat. No. C1254.

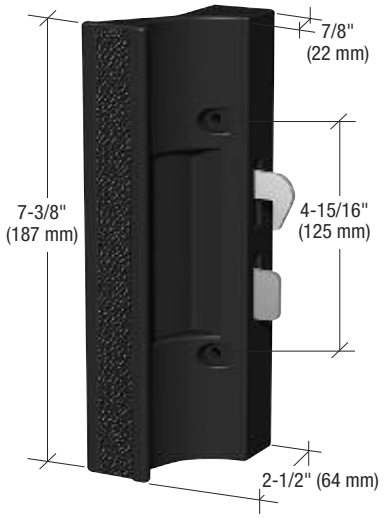


CAT. NO.	FINISH	QTY/PKG
C1221	White	1

Minimum order: 1 pack.

• Popular in Canada

Inside Pull and Latch only; molded from high impact polycarbonate plastic with a steel latch hook.
NOTE: Does not include outside pull or screws.



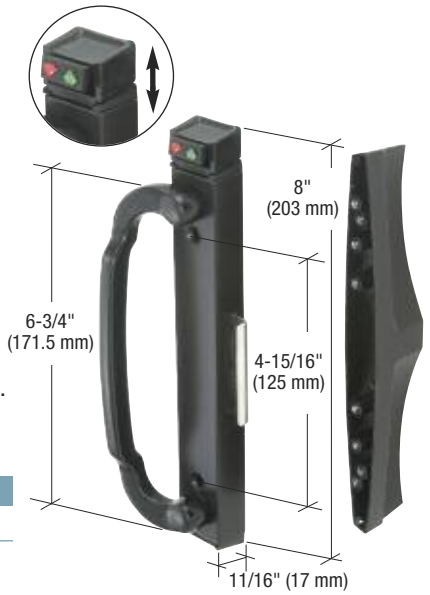
CAT. NO.	FINISH	QTY/PKG
C1216	Black	1

Minimum order: 1 pack.

CRL Clamp Handle Set

• Reverse Clamp

Extruded aluminum inside Latch with wood Pull; reverse clamp; flat outside pull plate; handle is operated by a plastic slide on top of the base; non-handed; designed for Window Master doors.



CAT. NO.	FINISH	QTY/PKG
C1238	Black	1

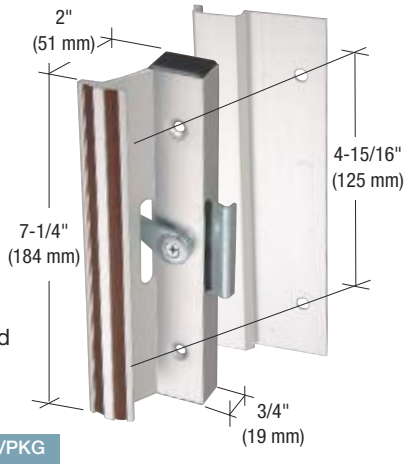
Minimum order: 1 pack.

All packs of Patio Door Handles can be combined for quantity pricing.

CRL Clamp Handle Sets

MORE CHOICES crlaurence.com

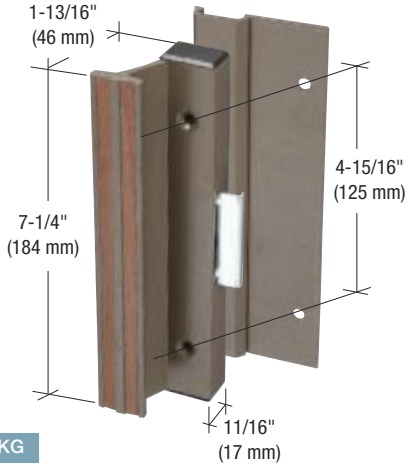
Extruded aluminum inside Latch; extruded aluminum outside Pull; stamped steel clamp that flips down to engage door jamb; no keeper required; clamp profile is 1/4" (6 mm); clamp projection is 1/2" (13 mm) when clamp is in the locked position; used by several door manufacturers.



CAT. NO.	FINISH	QTY/PKG
C1005	Aluminum	1
C1006	Black	1

Minimum order: 1 pack.

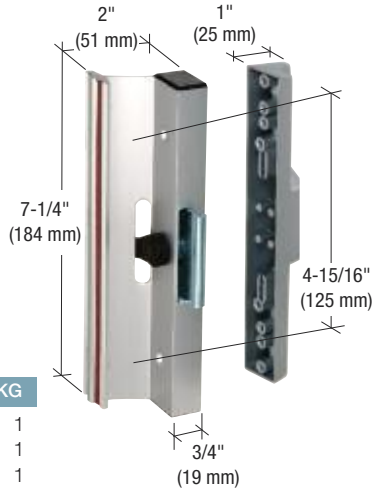
Extruded aluminum inside Latch; extruded aluminum outside Pull; similar in style to Cat. No. C1005, but clamp is activated with a black plastic vertical slide underneath the pull handle; clamp is spring-loaded, allowing 1/8" (3 mm) play in clamp profile height when locked.



CAT. NO.	FINISH	QTY/PKG
C1162	Aluminum	1
C1163	Bronze	1

Minimum order: 1 pack.

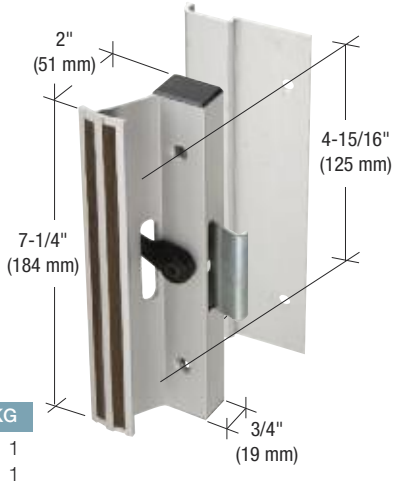
Extruded aluminum inside Latch; die cast outside Pull; stamped steel clamp that flips down to engage door jamb; no keeper required; clamp profile is 1/4" (6 mm); clamp projection is 1/2" (13 mm) when clamp is in the locked position; used by several door manufacturers.



CAT. NO.	FINISH	QTY/PKG
C1248	Aluminum	1
C1106	Black	1
C1116	White	1

Minimum order: 1 pack.

Extruded aluminum inside Latch; extruded aluminum outside Pull; no keeper required; stamped steel clamp has a special 11/16" (17 mm) long projection and the profile is 3/16" (5 mm) when clamp is in the locked position; designed for Lupton and Rolleze doors.

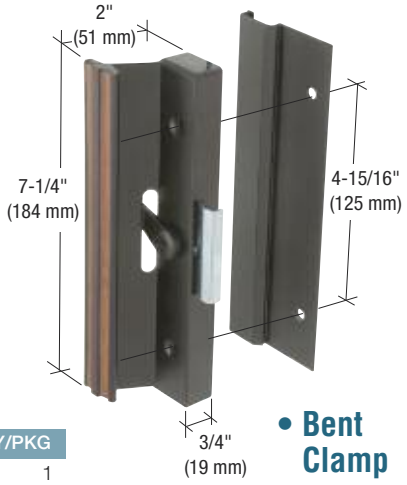


CAT. NO.	FINISH	QTY/PKG
C1077	Aluminum	1
C1078	Black	1

Minimum order: 1 pack.

• Long Clamp

Extruded aluminum inside Latch; extruded aluminum outside Pull; no keeper required; special formed stamped steel clamp; profile in locked position is only 1/8" (3 mm) and unlocked is 5/16" (8 mm); modified for use on early Look and Rusco-HiLite doors manufactured in the southeast.

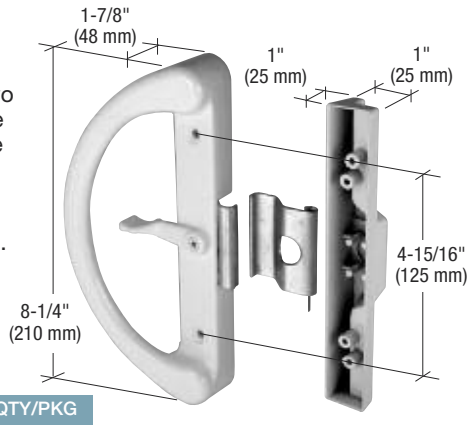


CAT. NO.	FINISH	QTY/PKG
C1244	Black	1

Minimum order: 1 pack.

• Bent Clamp

Die cast inside Latch; die cast outside Pull; two sizes of interchangeable clamps; this clamp style latch was designed to meet or exceed the 850 pound forced entry pull test; no keeper required.



CAT. NO.	FINISH	QTY/PKG
C1222	Black	1
C1223	White	1

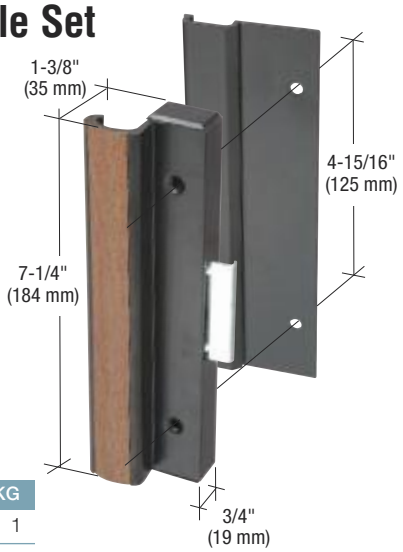
Minimum order: 1 pack.

All packs of Patio Door Handles can be combined for quantity pricing.

TOLL Phone: (800) 421-6144
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CRL Clamp Handle Set

Extruded aluminum inside Latch; extruded aluminum outside Pull; stamped steel clamp that flips down to engage door jamb; no keeper required; clamp profile is 1/4"; clamp projection is 1/2" when clamp is in the locked position; design is ideal for replacing older style handles used by Northrup Architectural.

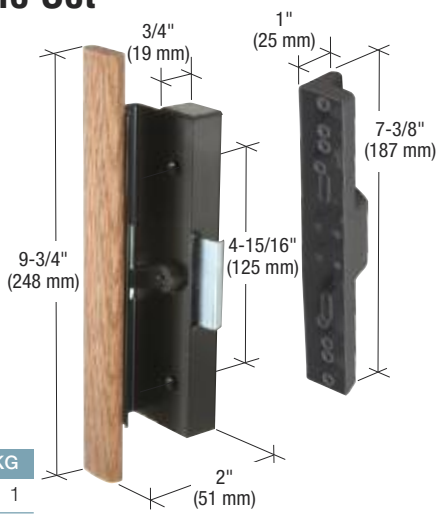


CAT. NO.	FINISH	QTY/PKG
C1027	Black	1

Minimum order: 1 pack.

CRL Clamp Handle Set

Extruded aluminum inside Latch; die cast outside Pull; stamped steel clamp that flips down to engage door jamb; no keeper required; clamp profile is 3/8"; clamp projection is 1/2" when clamp is in the locked position; used by several door manufacturers.



CAT. NO.	FINISH	QTY/PKG
C1126	Black	1

Minimum order: 1 pack.

CRL Clamp Handle Set

Extruded aluminum inside Latch; die cast outside Pull; unique extruded aluminum saw tooth style clamp locks door automatically when clamp is in the locked position and the door is closed; designed for 950 Series dual glazed International doors.



CAT. NO.	FINISH	QTY/PKG
C1201	Black	1
C1202	White	1

Minimum order: 1 pack.

CRL Clamp Handle Set

MORE CHOICES crlaurence.com

Extruded aluminum inside Latch; extruded aluminum outside Pull; unique extruded aluminum saw tooth style clamp locks door automatically when clamp is in the locked position and the door is closed; designed for 900 Series single glazed International doors.

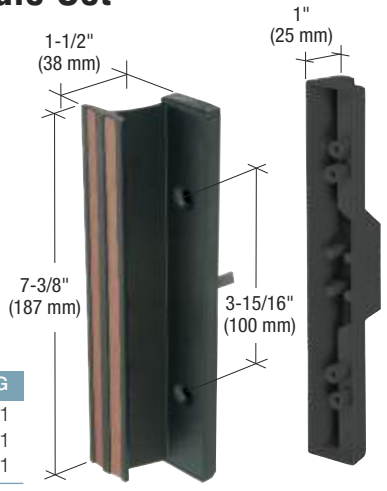


CAT. NO.	FINISH	QTY/PKG
C1055	Aluminum	1
C1073	Black	1
C1206	White	1

Minimum order: 1 pack.

CRL Mortise Handle Set

Extruded aluminum inside Handle; die cast outside Pull; stamped steel thumbturn; for use with Cat. Nos. E2008, E2009, E2014, E2111 Mortise Latches; non-handed; used by several door manufacturers.

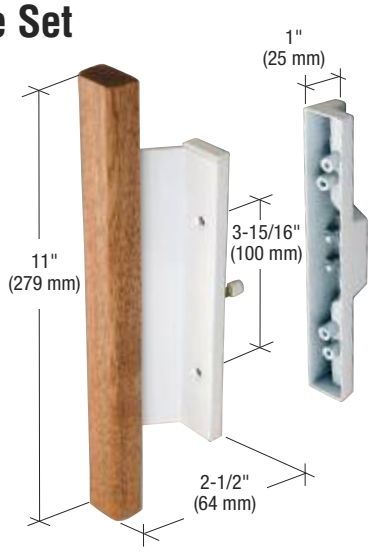


CAT. NO.	FINISH	QTY/PKG
C1058	Black	1
C1111	White	1
C1112	Almond*	1

Minimum order: 1 pack. * Does not include wood inserts.

CRL Mortise Handle Set

Extruded aluminum high profile inside Handle assembly; die cast outside Pull; stamped steel thumbturn; for use with Cat. Nos. E2008, E2009, E2014, E2111 Mortise Latches; non-handed; used by several door manufacturers.



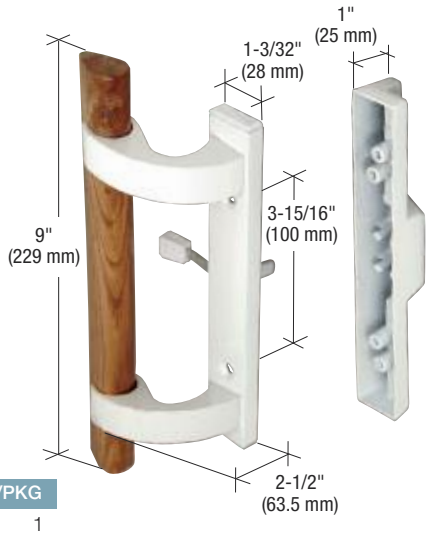
CAT. NO.	FINISH	QTY/PKG
C1019	Aluminum	1
C1091	Black	1
C1173	Bronze	1
C1210	White	1

Minimum order: 1 pack.

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CRL Mortise Handle Sets

Extruded aluminum inside Handle with wood Pull; die cast outside Pull; stamped steel thumbturn; for use with Cat. Nos. E2008, E2009, E2014, E2111 Mortise Latches; non-handed; used by several door manufacturers.

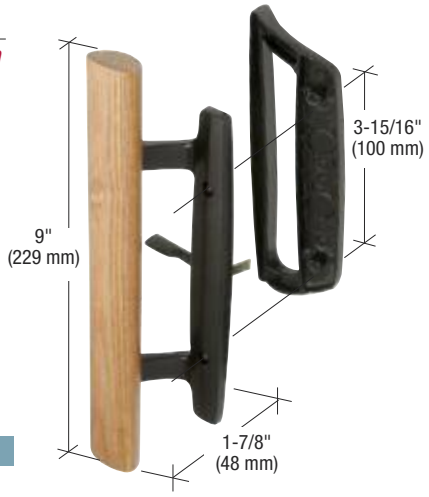


CAT. NO.	FINISH	QTY/PKG
C1128	White	1

Minimum order: 1 pack.

MORE CHOICES crlaurence.com

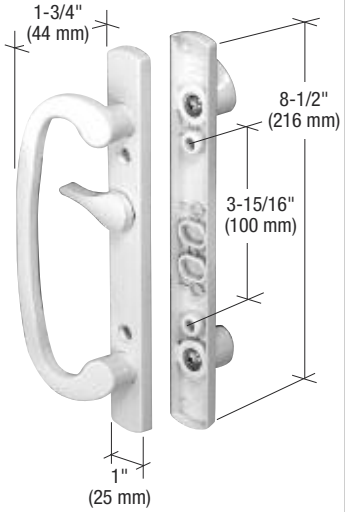
Die cast inside Handle with wood Pull; die cast outside Pull; die cast and stamped steel thumbturn; for use with Cat. Nos. E2008, E2009, E2014, E2111 Mortise Latches; non-handed; used by several door manufacturers.



CAT. NO.	FINISH	QTY/PKG
C1131	Black	1
C1204	White	1

Minimum order: 1 pack.

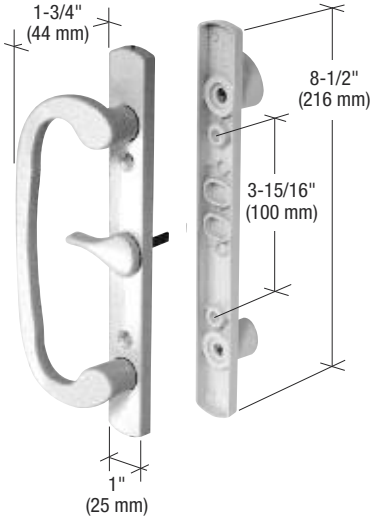
Die cast inside and outside Handle assembly; fits most mortise lock systems; non-handed; can be adapted for use with Cat. No. E2145 external Key Cylinder. **NOTE:** Thumbturn is offset from the center.



CAT. NO.	FINISH	QTY/PKG
C1280	White	1
C1281	Bronze	1
C1282	Satin Nickel	1
C1283	Brass Plated	1

Minimum order: 1 pack.

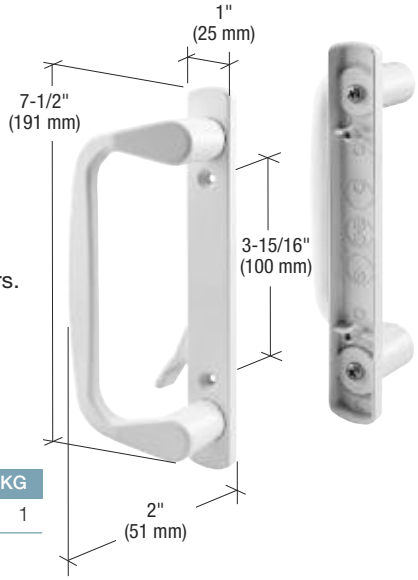
Die cast inside and outside Pull. It is designed to be used with the Cat. No. E2145 external Key Cylinder. It is surface mounted and has a removable knock-out plug for adding a key cylinder. Thumbturn is centered between the mounting holes.



CAT. NO.	FINISH	QTY/PKG
C1317	White	1

Minimum order: 1 pack.

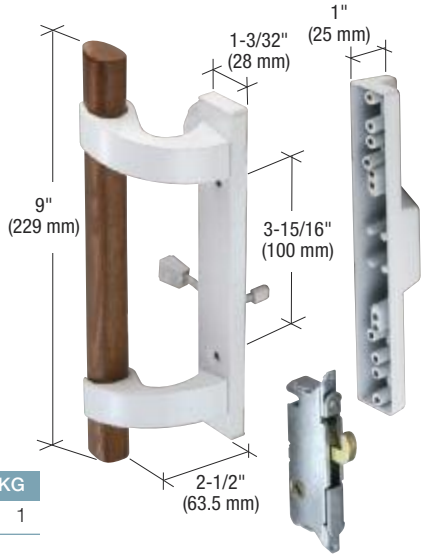
Die cast inside Handle; die cast outside Pull; thumbturn; for use with Cat. Nos. E2008, E2009, E2014, E2111 Mortise Latches; non-handed; used by several door manufacturers. This Handle can be adapted for use with an external Key Cylinder, see Cat. No. E2677.



CAT. NO.	FINISH	QTY/PKG
C1178	White	1

Minimum order: 1 pack.

The outside Pull is a raised die cast body; can be modified to accept an optional key cylinder; complete with Cat. No. E2014 Mortise Latch; Mounting fasteners are included; used by several door manufacturers.



CAT. NO.	FINISH	QTY/PKG
C1219	White	1

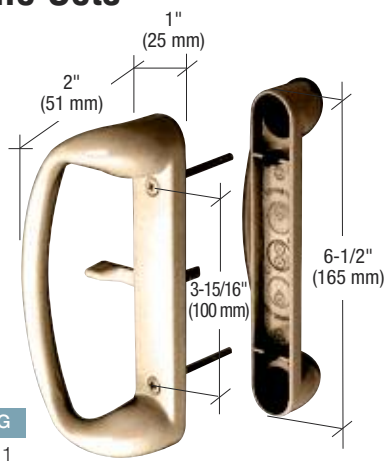
Minimum order: 1 pack.

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CRL Mortise Handle Sets

Die cast inside Handle; die cast outside Pull; thumbturn; for use with Cat. No. E2008, E2009, E2014, E2111 Mortise Latches; non-handed; handle can be adapted for use with an external key cylinder, see Cat. No. E2680 or E2677. Used by several door manufacturers.

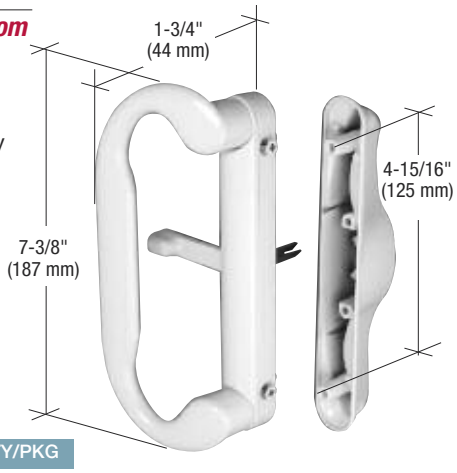


CAT. NO.	FINISH	QTY/PKG
C1174	Brass Plated	1
C1176	White	1

Minimum order: 1 pack.

MORE CHOICES crlaurence.com

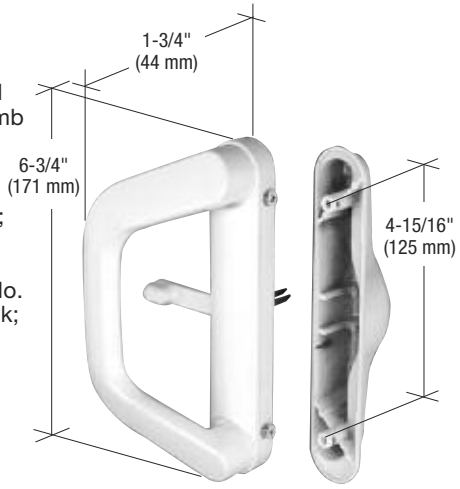
Die cast inside and outside Handle assembly with thumb lever; 7/32" (6 mm) square drive; reversible handle; white powder coated finish; mortise style; uses Cat. No. E2000 to keylock; fits Cat. No. E2192 dual point Lock.



CAT. NO.	FINISH	QTY/PKG
C1277	White	1

Minimum order: 1 pack.

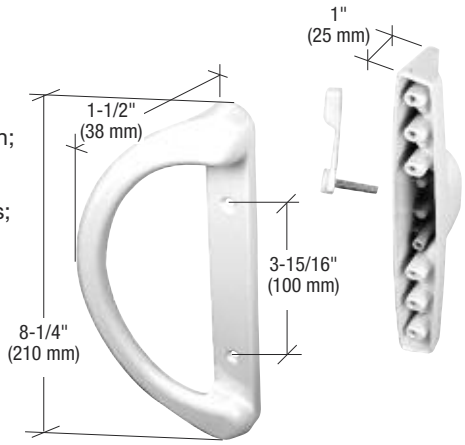
Die cast inside and outside Pull with thumb lever; 7/32" (6 mm) square drive; non-handed; white powder coated finish; mortise style; uses Cat. No. E2000 to keylock; fits Cat. No. E2192 dual point Lock; works with Cat. No. HA0208W Keeper.



CAT. NO.	FINISH	QTY/PKG
C1275	White	1

Minimum order: 1 pack.

Die cast inside Handle; die cast outside Pull; thumbturn; for use with Cat. Nos. E2008, E2009, E2014, E2111 Mortise Latches; non-handed; used by several door manufacturers.

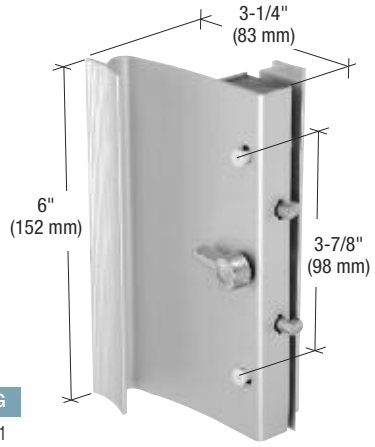


CAT. NO.	FINISH	QTY/PKG
C1224	Black	1
C1225	White	1

Minimum order: 1 pack.

Extruded aluminum inside Latch; extruded aluminum outside Pull; spring loaded hook pins twist to lock into door jamb; no keeper required; designed for Ador/HiLite doors.

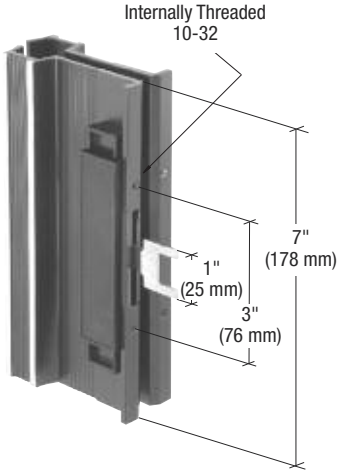
NOTE: Original handle design had several small punched starbursts; these have been eliminated.



CAT. NO.	FINISH	QTY/PKG
C1014	Aluminum	1
C1015	Black	1

Minimum order: 1 pack.

Extruded aluminum inside and outside Pulls with plastic vertical slide actuator; stamped steel yoke; used with Cat. No. E2080 Mortise Lock and E2109 Keeper. Originally this Handle was available in two different extrusion profile heights to accommodate either single or dual glazed doors. Today only dual glazed height is available, but spacers are included in the package to adapt to single glazed.



CAT. NO.	FINISH	QTY/PKG
C1028	Black	1

Minimum order: 1 pack.

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CRL PATIO DOOR HANDLES

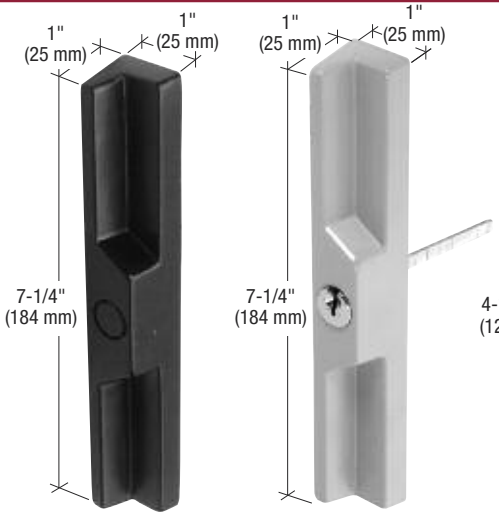
go to:
crlaurence.com/**patio-handles**

CRL Pull and Key Lock

Die cast outside Pull with or without Key Cylinder; multi-mounting hole pattern; see diagram for the seven different hole patterns.
NOTE: For units with Cat. No. E2000 Key Cylinder, center plug has been bored out.

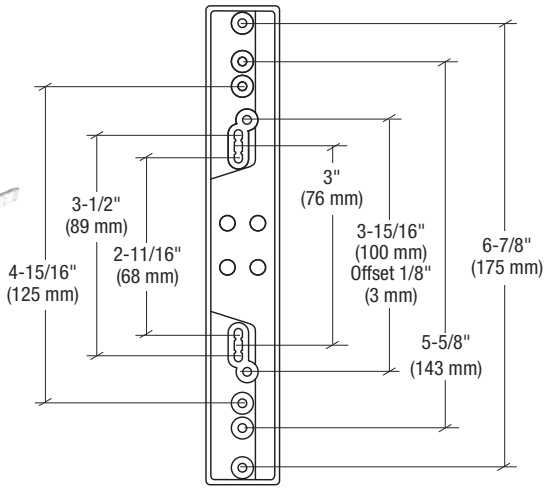
CAT. NO.	KEYED	FINISH	QTY/PKG
C1096	No	Black	1
C1139	Yes	Black	1
C1150	No	Gray	1
C1158	Yes	Gray	1

Minimum order: 1 pack.



CAT. NO. C1096

CAT. NO. C1158



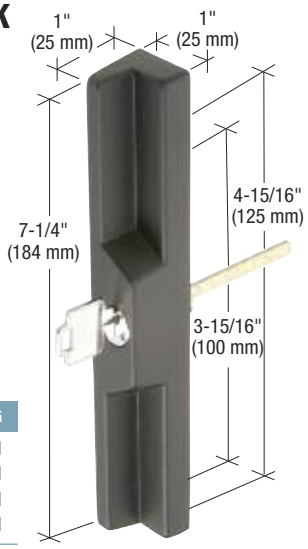
Seven Different Hole Patterns

CRL Pull and Key Lock

Die cast outside Pull with two mounting hole patterns at 3-15/16" (100 mm) and 4-15/16"(125 mm) centers; available with or without Key Cylinder. **NOTE:** For units with Cat. No. E2000 Key Cylinder, center plug has been bored out.

CAT. NO.	KEYED	FINISH	QTY/PKG
C1041	Yes	Black	1
C1120	Yes	White	1
C1113	No	White	1
C1121	Yes	Almond	1

Minimum order: 1 pack.

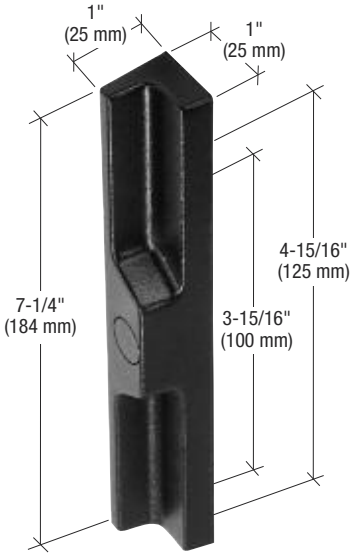


CRL Pull

Plastic outside Pull has brass threaded inserts at 3-15/16" (100 mm) and 4-15/16" (125 mm) hole centers; ideal outside Pull for corrosive environmental conditions.

CAT. NO.	FINISH	QTY/PKG
C1097	Black	1

Minimum order: 1 pack.

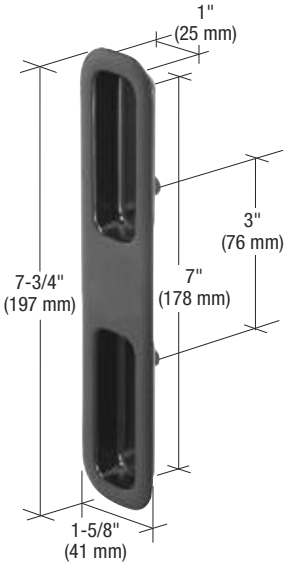


CRL Pull

Die cast flush mount outside Pull; fits International Series 950 dual glazed doors; used with Cat. Nos. C1055 and C1073 inside Latches.

CAT. NO.	FINISH	QTY/PKG
C1087	Black	1
C1207	White	1

Minimum order: 1 pack.



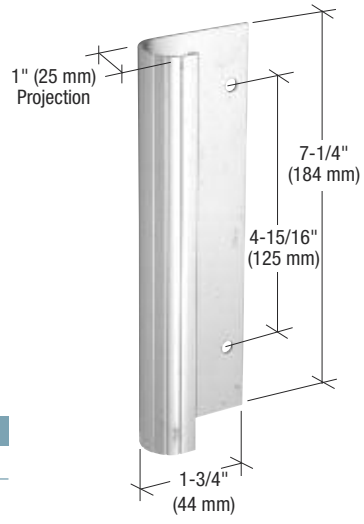
CRL Pull

Extruded aluminum outside Pull; 4-15/16" (125 mm) mounting hole pattern; has a tall "J" pattern for ease of opening or closing.

MORE CHOICES
crlaurence.com

CAT. NO.	FINISH	QTY/PKG
C1136	Aluminum	1

Minimum order: 1 pack.

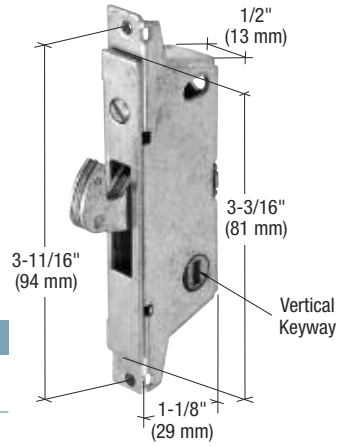


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CRL Square End Face Mortise Lock

Steel housing and hook; square end faceplate; keyway is in the vertical position with hook fully extended; hook projection is adjustable.

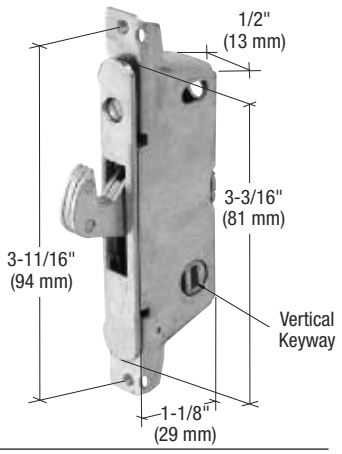


CAT. NO.	MATERIAL	QTY/PKG
E2008	Steel	1
E2184	Stainless Steel	1

Minimum order: 1 pack.

CRL Round End Face Mortise Lock

Steel housing and hook; round end faceplate; keyway is in the vertical position with hook fully extended; hook projection is adjustable.

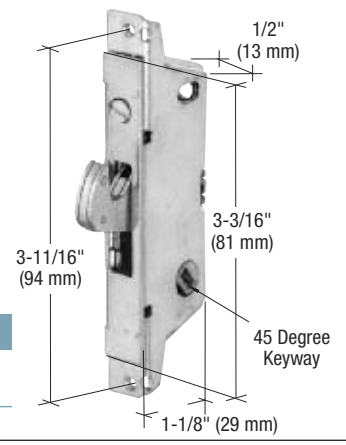


CAT. NO.	MATERIAL	QTY/PKG
E2009	Steel	1
E2185	Stainless Steel	1

Minimum order: 1 pack.

CRL Square End Face Mortise Lock

Steel housing and hook; square end faceplate; keyway is in the 45 degree position with hook fully extended; hook projection is adjustable.

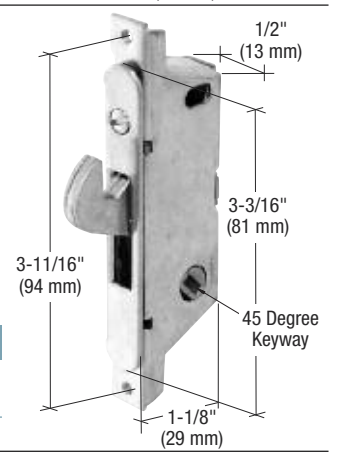


CAT. NO.	MATERIAL	QTY/PKG
E2111	Steel	1
E2186	Stainless Steel	1

Minimum order: 1 pack.

CRL Round End Face Mortise Lock

Steel housing and hook; round end faceplate; keyway is in the 45 degree position with hook fully extended; hook projection is adjustable.

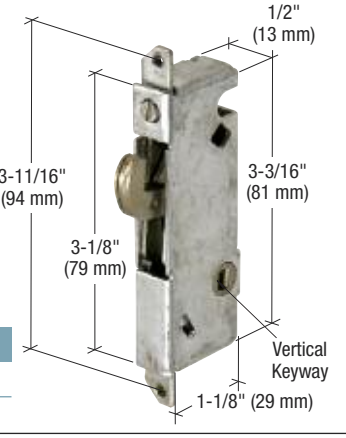


CAT. NO.	MATERIAL	QTY/PKG
E2121	Steel	1
E2187	Stainless Steel	1

Minimum order: 1 pack.

CRL Square End Face Mortise Lock

Steel housing and hook; square end faceplate; keyway is in the vertical position with hook fully extended; hook projection is adjustable.



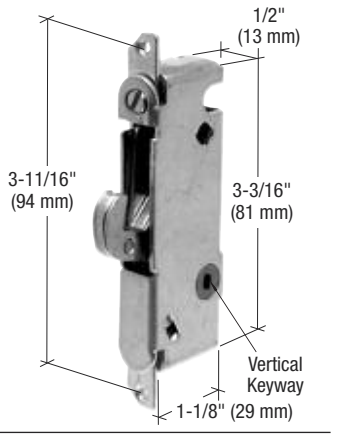
CAT. NO.	MATERIAL	QTY/PKG
E2012	Steel	1

Minimum order: 1 pack.

CRL Round End Face Mortise Lock

Steel housing and hook; round end faceplate; keyway is in the vertical position with hook fully extended; hook projection is adjustable.

MORE CHOICES crlaurence.com

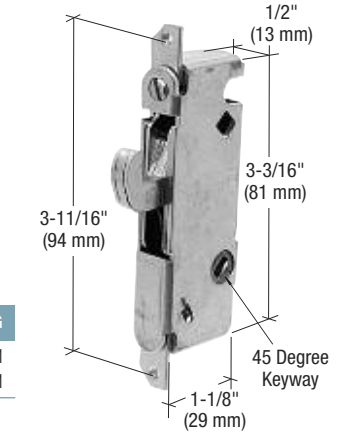


CAT. NO.	MATERIAL	QTY/PKG
E2013	Steel	1

Minimum order: 1 pack.

CRL Round End Face Mortise Lock

Steel housing and hook; round end faceplate; keyway is in the 45 degree position with hook fully extended; hook projection is adjustable.

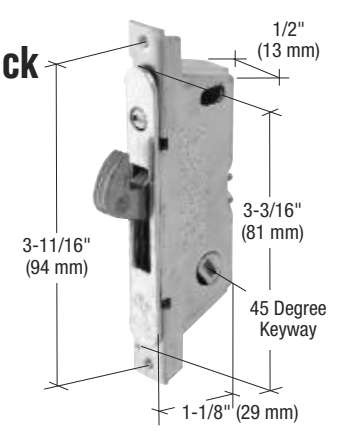


CAT. NO.	MATERIAL	QTY/PKG
E2014	Steel	1
E2199	Stainless Steel	1

Minimum order: 1 pack.

CRL Round End Face Automatic Mortise Lock

Steel housing and hook; hook is spring-loaded and does not hold back in the unlocked position. Round end faceplate; keyway is in the 45 degree position with hook fully extended; hook projection is adjustable.



CAT. NO.	MATERIAL	QTY/PKG
E2119	Steel	1
E2148	Stainless Steel	1

Minimum order: 1 pack.

All packs of Patio Door Locks can be combined for quantity pricing.

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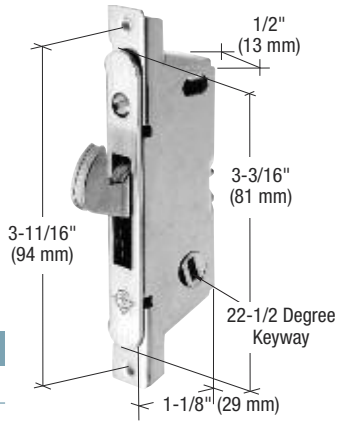
CRL Round End Face Mortise Lock

Stainless steel housing and hook; round end faceplate; keyway is in the 22-1/2 degree position with hook fully extended; hook projection is adjustable.

MORE CHOICES crlaurence.com

CAT. NO.	MATERIAL	QTY/PKG
AR18479	Stainless Steel	1

Minimum order: 1 pack.

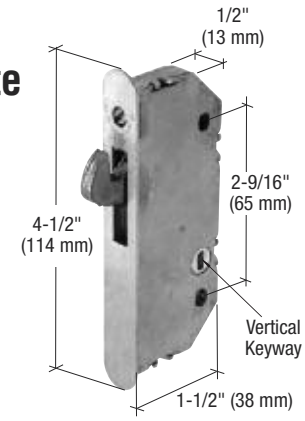


CRL Round End Face Mortise Lock and Plate

Round end faceplate; keyway is in the vertical position with hook fully extended; hook projection is adjustable; fits Andersen doors.

CAT. NO.	MATERIAL	QTY/PKG
E2171	Steel	1
E2100	Stainless Steel	1

Minimum order: 1 pack.

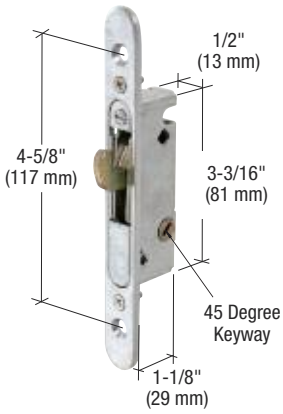


CRL Round End Face Mortise Lock and Plate

Steel housing and hook; round end faceplate; trim plate; keyway is in the 45 degree position with hook fully extended; hook projection is adjustable.

CAT. NO.	MATERIAL	QTY/PKG
E2164	Steel	1

Minimum order: 1 pack.

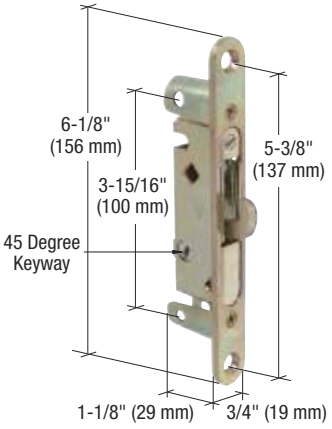


CRL Mortise Lock

Steel housing and hook; round end faceplate; die cast trim plate; keyway is in the 45 degree position with hook fully extended; hook projection is adjustable.

CAT. NO.	MATERIAL	QTY/PKG
E2468	Steel	1

Minimum order: 1 pack.

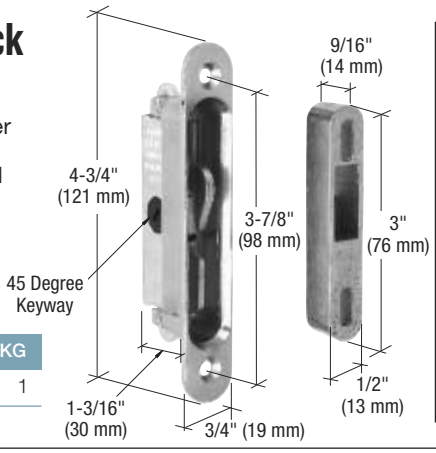


CRL Mortise Lock and Keeper

Stamped aluminum inner body; a die cast faceplate and keeper; stamped steel hook. Similar in design to Cat. No. E2126, however overall depth of latch from underside of faceplate is 1-3/16" (30 mm).

CAT. NO.	MATERIAL	QTY/PKG
E2079	Aluminum	1

Minimum order: 1 pack.

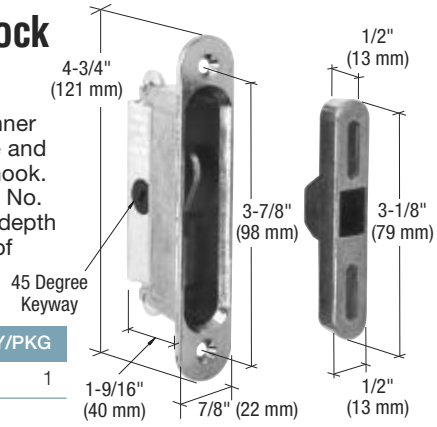


CRL Mortise Lock and Keeper

Stamped aluminum inner body; die cast faceplate and keeper; stamped steel hook. Similar in design to Cat. No. E2079, however overall depth of latch from underside of faceplate is 1-9/16" (40 mm).

CAT. NO.	MATERIAL	QTY/PKG
E2126	Aluminum	1

Minimum order: 1 pack.

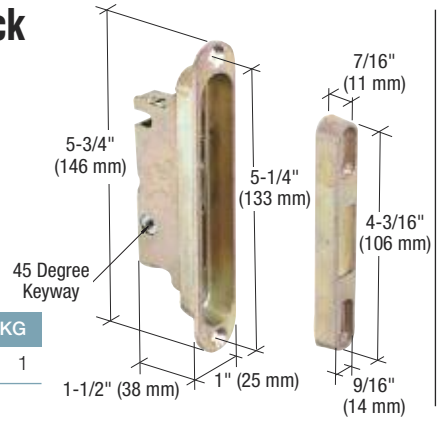


CRL Mortise Lock and Keeper

Steel housing and hook; round end faceplate; die cast trim plate; keyway is in the 45 degree position with hook fully extended; hook projection is adjustable.

CAT. NO.	MATERIAL	QTY/PKG
E2469	Steel	1

Minimum order: 1 pack.

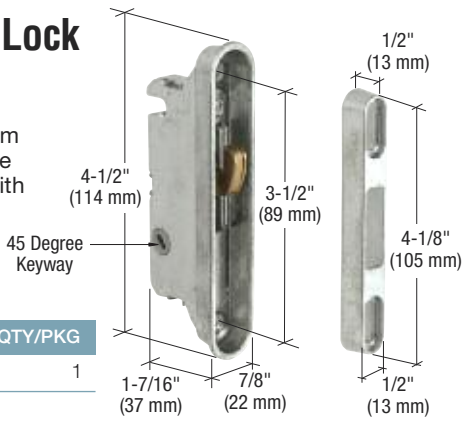


CRL Mortise Lock

Steel housing and hook; round end faceplate; die cast trim plate; keyway is in the 45 degree position with hook fully extended; hook projection is adjustable.

CAT. NO.	MATERIAL	QTY/PKG
E2487	Steel	1

Minimum order: 1 pack.



All packs of Patio Door Locks can be combined for quantity pricing.

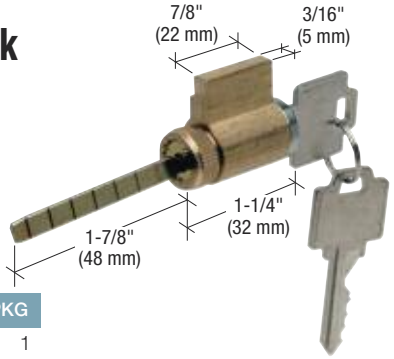
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CRL Cylinder Lock

5-pin tumbler lock with two keys; hardened breakaway tailpiece; solid brass cylinder; keyway is compatible to Weiser, Kwikset or Weslock.



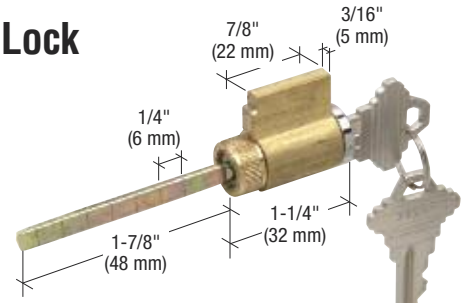
CAT. NO.	KEYED	QTY/PKG
E2000	Random	1
E2000B	Random	10
E2107	Alike	1

Minimum order: 1 pack.

MORE CHOICES
crlaurence.com

CRL Cylinder Lock

5-pin tumbler lock with two keys; hardened breakaway tailpiece; keyway is compatible to Schlage.

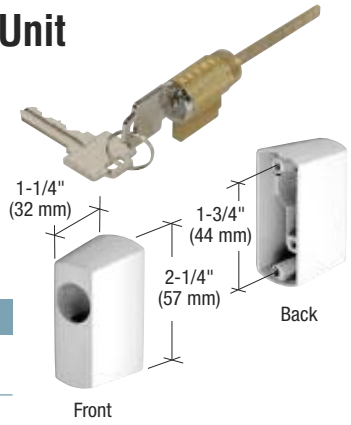


CAT. NO.	KEYED	QTY/PKG
E2103	Random	1
E2104	Alike	1

Minimum order: 1 pack.

CRL Keyed Locking Unit

Die cast cylinder housings are used with Cat. Nos. C1280, C1281, C1284, and C1285 Glass Door Handles.

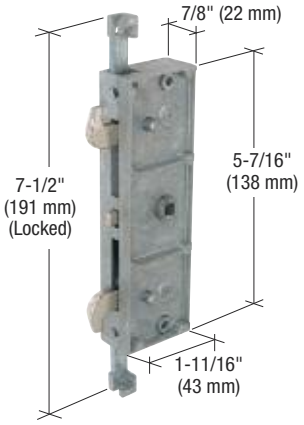


CAT. NO.	FINISH	QTY/PKG
E2145	White	1
E2194	Bronze	1

Minimum order: 1 pack.

CRL Mortise Lock

Multi-point Mortise Lock used on vinyl and wood patio doors; operated by a 7/32" (6 mm) square drive thumbturn Cat. No. HA423WH; faceplate and keeper not included. Works with Cat. No. C1275 Handle and Cat. No. HA0208W Keeper.

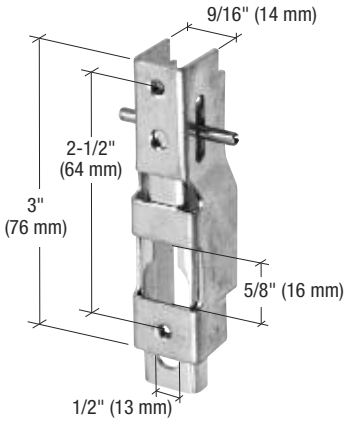


CAT. NO.	MATERIAL	QTY/PKG
E2192	Diecast	1

Minimum order: 1 pack.

CRL Glass Door Mortise Lock

Stamped steel lock housing; stainless steel spring; fits doors made by Guaranteed Products. Works with handle Cat. No. C1028 Handle and Cat. No. E2109 Keeper.

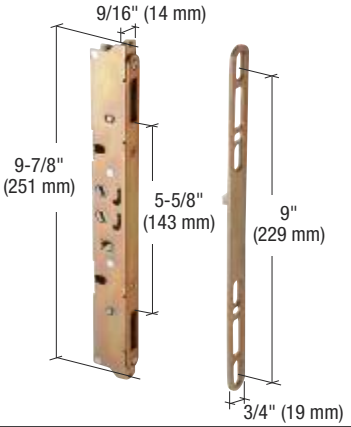


CAT. NO.	MATERIAL	QTY/PKG
E2080	Steel	1

Minimum order: 1 pack.

CRL Mortise Lock

Multi-point Mortise Lock used on vinyl and wood patio doors; zinc plated body is actuated by a single thumbturn lever; used by several door manufacturers.

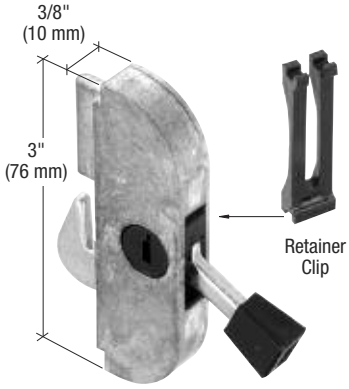


CAT. NO.	MATERIAL	QTY/PKG
E2473	Steel	1

Minimum order: 1 pack.

CRL Glass Door Lever Lock

Die cast lock housing; steel hook and latch lever; plastic retainer clip holds lock in handle body; replacement lock for Cat. No. C1000 style Handles.

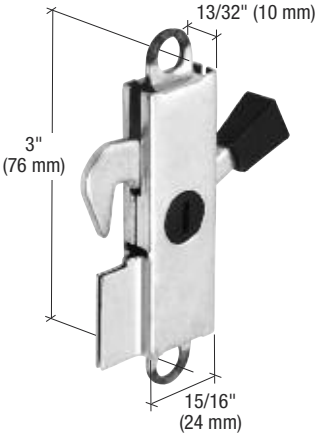


CAT. NO.	MATERIAL	QTY/PKG
E2077	Die cast	1

Minimum order: 1 pack.

CRL Glass Door Lever Lock

Stamped aluminum housing; steel latch hook; black plastic latch lever tip.



CAT. NO.	MATERIAL	QTY/PKG
E2105	Aluminum	1

Minimum order: 1 pack.

All packs of Patio Door Locks can be combined for quantity pricing.

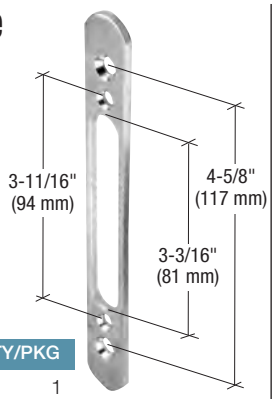
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CRL Mortise Trim Plate

Zinc plated steel trim plate for adapting Cat. No. E2009 and E2013 style Mortise Locks to wood door stiles.

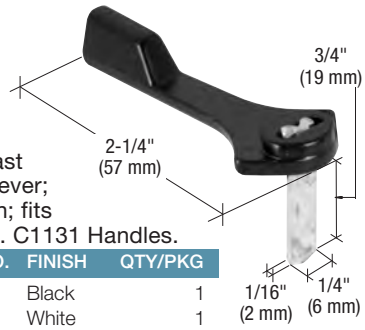


CAT. NO.	FINISH	QTY/PKG
E2101	Zinc	1

Minimum order: 1 pack.

CRL Latch Lever

Diecast Latch Lever; steel pin; fits Cat. No. C1131 Handles.



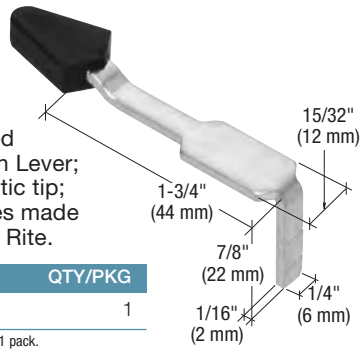
CAT. NO.	FINISH	QTY/PKG
E2161	Black	1
E2162	White	1
E2163	Almond	1

Minimum order: 1 pack.

CRL Latch Lever

MORE INFORMATION crlaurence.com

Stamped steel Latch Lever; black plastic tip; fits handles made by Adams Rite.

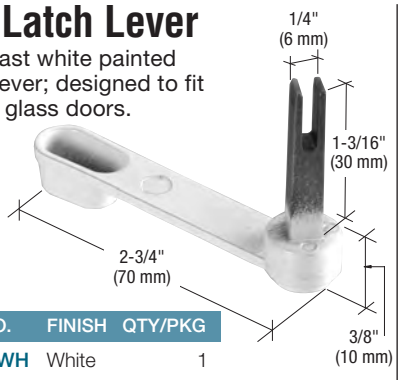


CAT. NO.	QTY/PKG
E2066	1

Minimum order: 1 pack.

CRL Latch Lever

Die cast white painted Latch Lever; designed to fit Milgard glass doors.

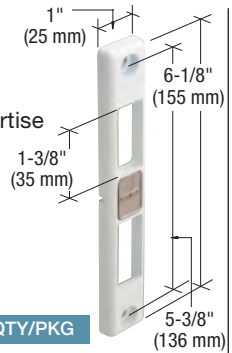


CAT. NO.	FINISH	QTY/PKG
HA423WH	White	1

Minimum order: 1 pack.

CRL Keeper

This CRL Keeper works with Cat. No. E2192 Two Point Mortise Latch and Cat. No. C1275 Handle. Made from die cast zinc. Fits doors made by Milgard.

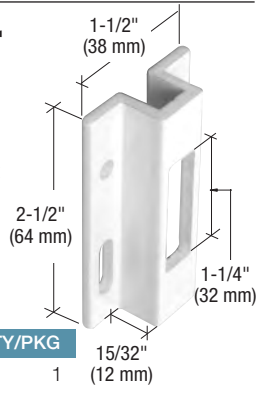


CAT. NO.	FINISH	QTY/PKG
HA0208W	White	1

Minimum order: 1 pack.

CRL Keeper

Extruded aluminum Keeper with a powder coat white finish. Fits doors made by Viking and other manufacturers.

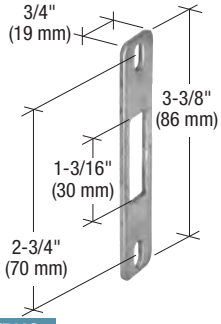


CAT. NO.	FINISH	QTY/PKG
E2124	White	1

Minimum order: 1 pack.

CRL Keeper

Stamped stainless steel surface mount Keeper.

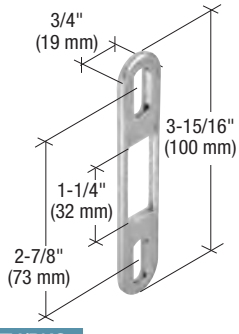


CAT. NO.	FINISH	QTY/PKG
E2017	Stainless	1

Minimum order: 1 pack.

CRL Keeper

Stamped steel surface mount Keeper is zinc plated.

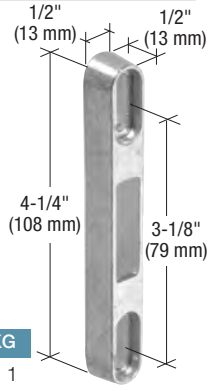


CAT. NO.	FINISH	QTY/PKG
E2097	Zinc	1

Minimum order: 1 pack.

CRL Keeper

Die cast Keeper works with mortise locks. Surface mount, zinc plated.

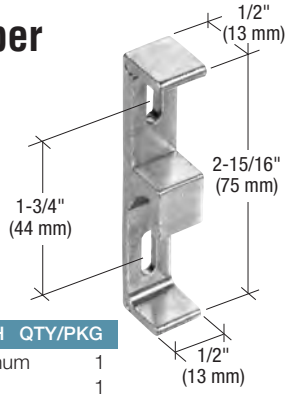


CAT. NO.	FINISH	QTY/PKG
E2125	Zinc	1

Minimum order: 1 pack.

CRL Keeper

Extruded aluminum Keeper has vertical slots for face mounting.

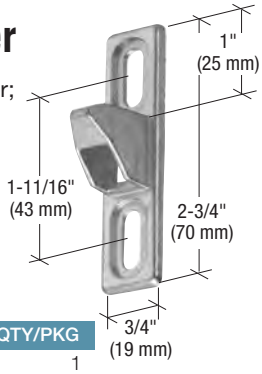


CAT. NO.	FINISH	QTY/PKG
E2094	Aluminum	1
E2123	White	1

Minimum order: 1 pack.

CRL Keeper

Die cast Keeper; large slotted screw mounting holes allow for easy vertical adjustments; popular for most Flush Handle sets.

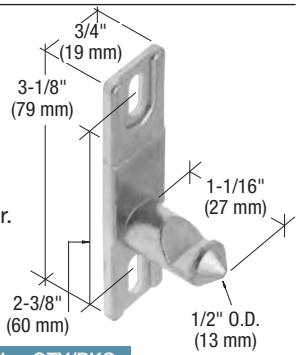


CAT. NO.	FINISH	QTY/PKG
E2040	Chrome	1
E2099	Black	1

Minimum order: 1 pack.

CRL Keeper

Die cast Keeper and Rubber Bumper. Fits on doors using Cat. No. C1025 Handle.



CAT. NO.	FINISH	QTY/PKG
E2041	Zinc	1

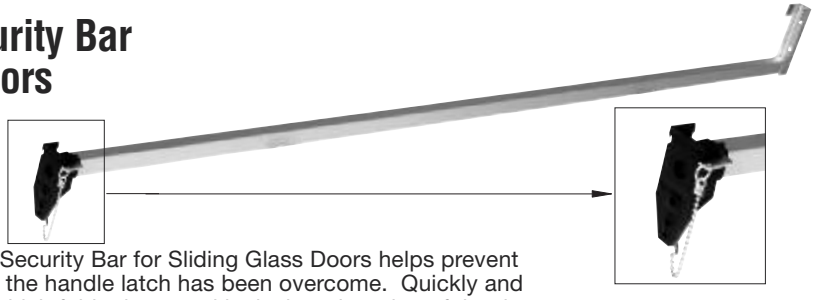
Minimum order: 1 pack.

All packs of Patio Door Latches and Keepers can be combined for quantity pricing.

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CRL Aluminum Security Bar for Sliding Glass Doors

- Security Key Provides Extra Safety
- Three Finishes





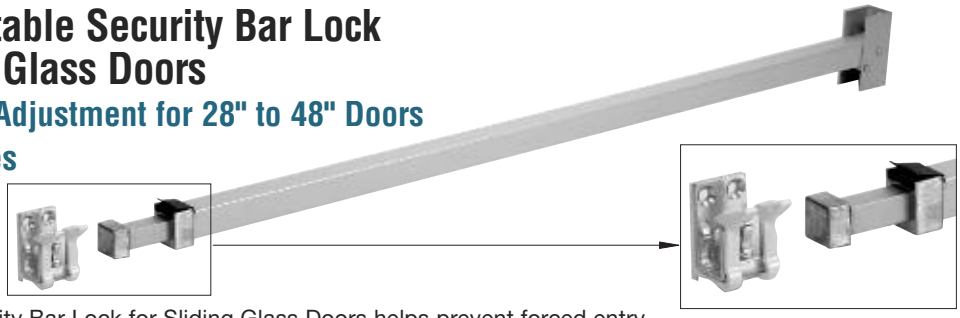
Simple yet effective, this CRL Security Bar for Sliding Glass Doors helps prevent doors from being slid open once the handle latch has been overcome. Quickly and easily install this aluminum bar, which folds down and locks into the edge of the door, or folds up against the jamb when not in use. The 5/8" (16 mm) square extruded aluminum tube comes 48" (1219 mm) long, and can be cut down to fit narrower doors. All necessary hardware is provided, including the plastic saddle and plated steel hinge bracket. Longer Security Bars are available by special order.

CAT. NO.	FINISH	BAR LENGTH	QTY/PKG
S4013	Aluminum	48" (1219 mm)	1
S4154	Dark Bronze	48" (1219 mm)	1
S4220	White	48" (1219 mm)	1

Minimum order: 1 pack.

CRL Adjustable Security Bar Lock for Sliding Glass Doors

- Telescopic Adjustment for 28" to 48" Doors
- Two Finishes





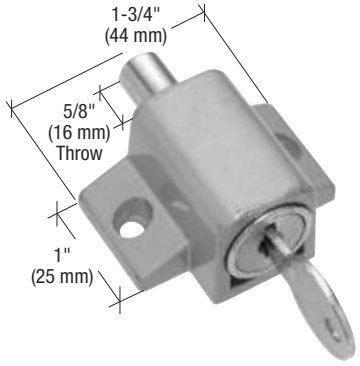
The CRL Security Bar Lock for Sliding Glass Doors helps prevent forced entry through sliding glass doors. It has telescopic adjustability to accommodate 28" to 48" (711 to 1219 mm) wide sliding patio doors. Made from two square extruded aluminum tubes, one sliding inside of the other, and a locking collar to fix the bar's length once it has been adjusted to match the width of the door.

CAT. NO.	FINISH	BAR LENGTH	QTY/PKG
U9920	Aluminum	28" - 48" (711-1219 mm)	1
U9921	White	28" - 48" (711-1219 mm)	1

Minimum order: 1 pack.

CRL Keyed Patio Door Lock

Zinc die cast housing with a case hardened steel bolt; locks by pushing the cylinder in and unlocks with a key.



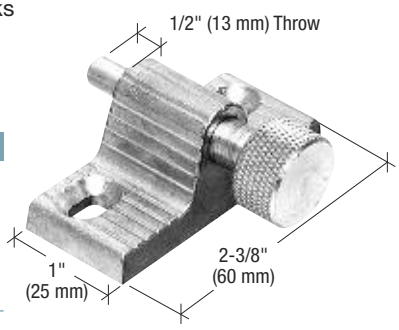
CAT. NO.	FINISH	QTY/PKG
S4004	Aluminum	1
S4004B	Aluminum	20
S4005	Black	1
S4005B	Black	20
S4360	White	1
S4360B	White	10

Minimum order: 1 pack.

CRL Twist-In Bolt Lock

MORE INFORMATION crlaurence.com

Zinc die cast housing with a case hardened steel bolt; locks by twisting the thumb screw, and unlocks by reversing the thumb screw.

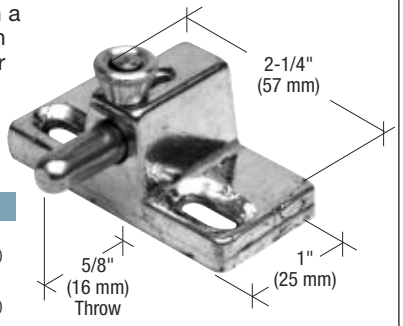


CAT. NO.	FINISH	QTY/PKG
S4002	Aluminum	1
S4002B	Aluminum	10
S4003	Black	1
S4003B	Black	10
S4354	White	1
S4354B	White	10

Minimum order: 1 pack.

CRL Slide Bolt Lock

Zinc die cast housing with a case hardened steel bolt; pin is held in either the locked or unlocked position by means of a spring-loaded cap.

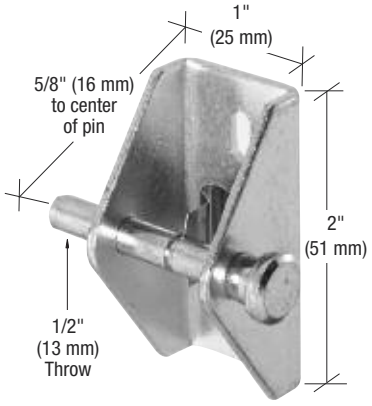


CAT. NO.	FINISH	QTY/PKG
S4006	Aluminum	1
S4006B	Aluminum	20
S4007	Black	1
S4007B	Black	20
S4414	White	1
S4414B	White	10

Minimum order: 1 pack.

CRL Push-Pull Lock

The CRL Push-Pull Door and Window Lock has a heavy gauge steel housing and hardened steel bolt. Its positive spring-loaded two position push/pull action prevents accidental lockout, as well as preventing the sliding or lifting of the door or window.



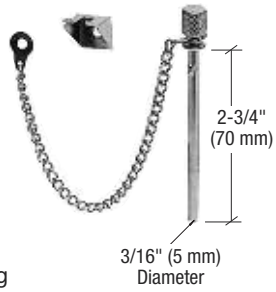
CAT. NO.	FINISH	QTY/PKG
S4009	Aluminum	1
S4009B	Aluminum	10
S4029	Black	1
S4029B	Black	10
S4356	White	1
S4356B	White	10

Minimum order: 1 pack.

All packs of Security Hardware can be combined for quantity pricing.

CRL Window and Door 'Nite-Lock' Pin

The CRL Sliding Window and Door 'Nite-Lock' Pin has a plated, case hardened steel pin. It securely locks either a window or patio door in a closed or ventilating position, and prevents the sliding or lifting of the door.

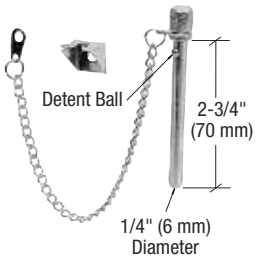


CAT. NO.	FINISH	QTY/PKG
S4011	Zinc Plated	1
S4011B	Zinc Plated	25
S4148	Black	1

Minimum order: 1 pack.

CRL Window and Door 'Nite-Lock' Pin With Detent-Ball

The CRL Sliding Door 'Nite-Lock' Pin has a plated, case hardened steel pin which has a "detent ball" on the end to help hold the pin into place.



MORE CHOICES crlaurence.com

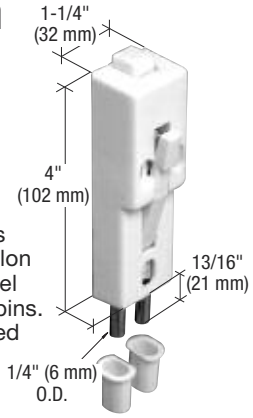
CAT. NO.	FINISH	QTY/PKG
S4066	Zinc Plated	1
S4066B	Zinc Plated	25

Minimum order: 1 pack.

CRL Step-On Patio Door Lock

- **Popular in Canada**

This CRL Lock has a glass reinforced nylon housing with two steel 1/4" (6 mm) locking pins. Pins are spring-loaded and are extended by stepping on the top of the housing; retracted by tapping the release pad on the front of the housing.



CAT. NO.	FINISH	QTY/PKG
S4528	White	1

Minimum order: 1 pack.

CRL Foot Operated Door Lock

This CRL Lock has a glass reinforced nylon housing with one 5/16" (8 mm) steel locking pin. Pin is spring-loaded and is extended by stepping on the top of the housing; retracted by tapping the release pad on the front of the housing.

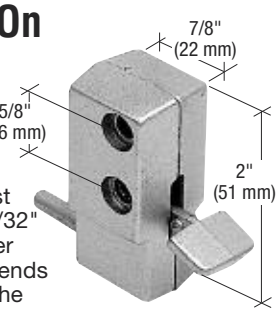


CAT. NO.	FINISH	QTY/PKG
S4708	White	1

Minimum order: 1 pack.

CRL Step-On Door Lock

The CRL Step-On Patio Door Lock has a painted die cast housing with a 7/32" (5.5 mm) diameter steel pin. Pin extends 7/8" (22 mm) in the locked position.

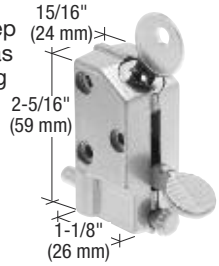


CAT. NO.	FINISH	QTY/PKG
S4023	Aluminum	1
S4023B	Aluminum	10
S4041	Black	1
S4041B	Black	10
S4355	White	1
S4355B	White	10

Minimum order: 1 pack.

CRL Keyed Step-On Door Lock

This CRL Keyed Step on Patio Door Lock has a zinc die cast housing with a 1/4" (6 mm) diameter steel pin. Spring-loaded pin is engaged by pressing down on the front paddle; released by tapping the release button at the bottom of the housing.

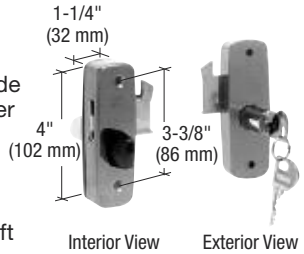


CAT. NO.	FINISH	QTY/PKG
S4046	Aluminum	1
S4426	White	1

Minimum order: 1 pack.

CRL Keyed Patio Door Lock

This CRL Keyed Door Lock has a thumbturn inside and key cylinder outside. As lock is activated a steel hook and separate anti-lift bar engages a stamped steel keeper.



Cylinder will accommodate a stile thickness up to 1-1/4" (32 mm). Exterior trim ring included. Keeper is double slotted for either surface or face mount applications.

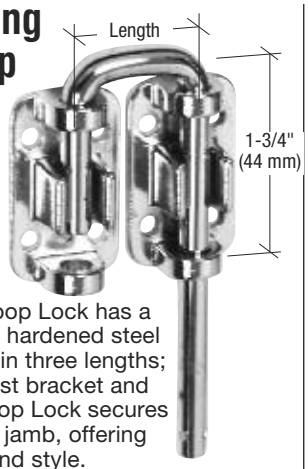
CAT. NO.	FINISH	QTY/PKG
NDS32D	Aluminum	1
NDS10B	Dark Bronze	1

Minimum order: 1 pack.

CRL Sliding Door Loop Lock

- **Chrome Plated Steel**

The CRL Sliding Door Loop Lock has a chrome plated, hardened steel loop; available in three lengths; includes die cast bracket and keeper. The Loop Lock secures the door to the jamb, offering both security and style.



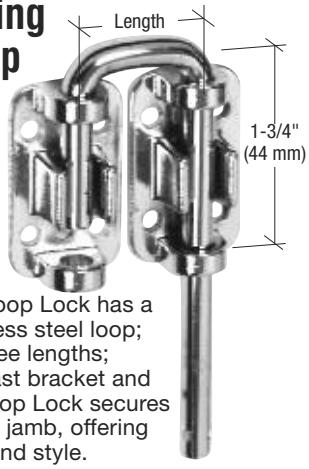
CAT. NO.	FINISH	LENGTH	QTY/PKG
S4376	Chrome	13/16" (21 mm)	1
S4377	Chrome	1-1/8" (28 mm)	1
S4379	Chrome	2-1/8" (54 mm)	1

Minimum order: 1 pack.

CRL Sliding Door Loop Lock

- **Brushed Stainless Steel**

The CRL Sliding Door Loop Lock has a brushed stainless steel loop; available in three lengths; includes die cast bracket and keeper. The Loop Lock secures the door to the jamb, offering both security and style.



CAT. NO.	FINISH	LENGTH	QTY/PKG
S4380	Brushed S.S.	13/16" (21 mm)	1
S4381	Brushed S.S.	1-1/8" (28 mm)	1
S4382	Brushed S.S.	1-7/16" (36.5 mm)	1

Minimum order: 1 pack.

All packs of Security Hardware can be combined for quantity pricing.

CRL Window and Door Lock

NEW!

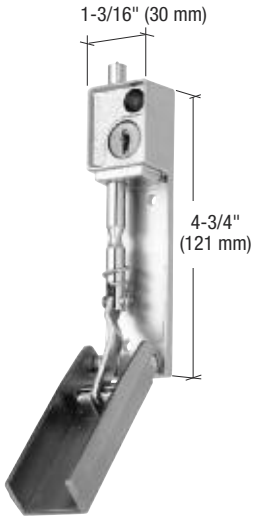
This CRL Window and Door Lock has a key lockable heavy die cast white base, with a 8" (203 mm) long stainless steel chain. Once this lock is mounted on either a window or door, the chain allows for a small amount of opening for ventilation while providing extra security and preventing unexpected openings. Mounting screws have a hex drive head. All locks are keyed alike, and are packed with one lock, chain, and two keys per package. Minimum order is one each.



CAT. NO. WH311KA

CRL Keyed Bolt Door Lock

This heavy-duty Keyed Bolt Door Lock has a zinc die cast base with the extruded aluminum cap and a 5/16" (8 mm) diameter steel pin. By closing cap, the toggle assembly extends lock pin 1-1/2" (38 mm). Pin remains locked until cap is opened. Cap can be key locked to prevent unauthorized unlocking from inside.

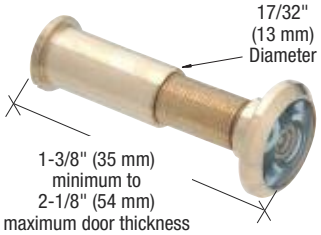


CAT. NO.	FINISH	QTY/PKG
S4261	Aluminum	1
S4707	White	1

Minimum order: 1 pack.

CRL Wide Angle Door Viewers

CRL Wide Angle Door Viewers allow up to a 200 degree field of view. All Viewers are made from solid brass; UL Listed Viewers have glass lenses, while non-UL Listed Viewers have a plastic lens. Viewers are easy to install by drilling a 9/16" (14 mm) diameter hole through door.

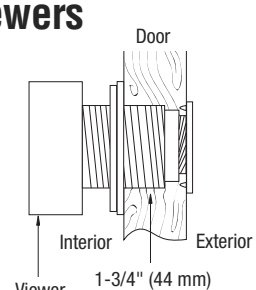


CAT. NO.	FINISH	UL LISTED	VIEW	QTY/PKG
S4020	Brass	No	180 Degrees	1
S4020B	Brass	No	180 Degrees	10
S4179	Brass	Yes	200 Degrees	1
S4366	Satin Chrome	Yes	190 Degrees	1

Minimum order: 1 pack.

CRL Clear Image Door Viewers





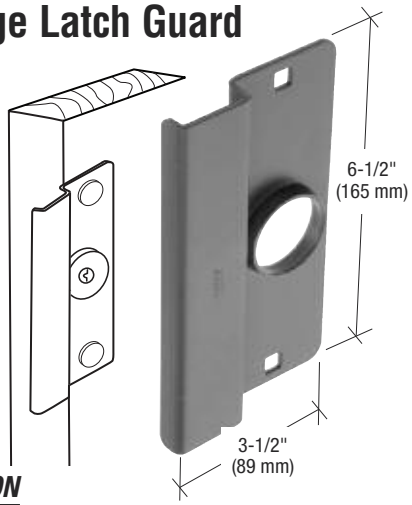
A "clear-image" prism allows arms length viewing. High-impact plastic housing requires a 1-3/4" (44 mm) diameter hole. Fits 1-3/8" to 2" (35 to 51 mm) thick doors. Prism image produces a reversed or mirrored image.

CAT. NO.	FINISH	QTY/PKG
U9915	Gold	1
U9916	Bronze	1
U9917	White	1
U9918	Gray	1

Minimum order: 1 pack.

CRL Heavy Gauge Latch Guard

CRL Latch Guards are made from heavy gauge steel and are designed to protect the out swinging door from being forced open with a pry bar. Latch Guard is held onto the door with carriage bolt, acorn nut, and push rivet. Two painted finishes available.



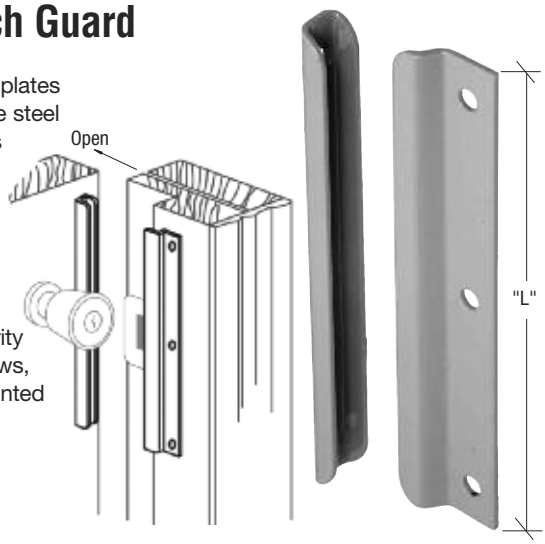
MORE INFORMATION
crlaurence.com

CAT. NO.	FINISH	QTY/PKG
8852AL	Aluminum	1
8852DU	Duranodic Bronze	1

Minimum order: 1 each.

CRL Latch Guard

Interlocking plates of heavy gauge steel protect latches on in swinging doors against forced entry. CRL Latch Guards are supplied with one-way security mounting screws, and have a painted gray finish.



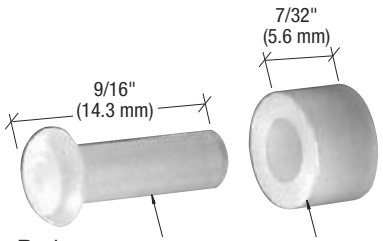
CAT. NO.	FINISH	"L" LENGTH	QTY/PKG
U9511	Painted Gray	6" (152 mm)	1
U9513	Painted Gray	12" (305 mm)	1

Minimum order: 1 pack.

All packs of Security Hardware can be combined for quantity pricing.

CRL Window Rollers

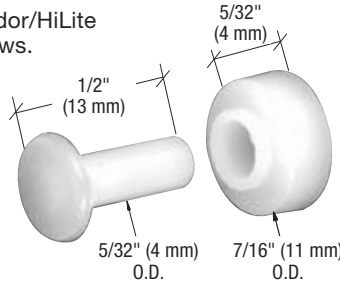
MORE CHOICES crlaurence.com



Fits Radco windows.

CAT. NO.	ROLLER	QTY/PKG
G3031	Nylon-Flat	4

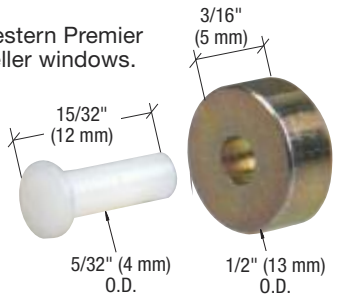
Minimum order: 1 pack.



Fits Ador/HiLite windows.

CAT. NO.	ROLLER	QTY/PKG
G3016	Nylon-Flat	4

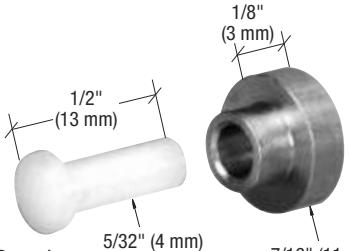
Minimum order: 1 pack.



Fits Western Premier and Keller windows.

CAT. NO.	ROLLER	QTY/PKG
G3060	Steel-Flat	4

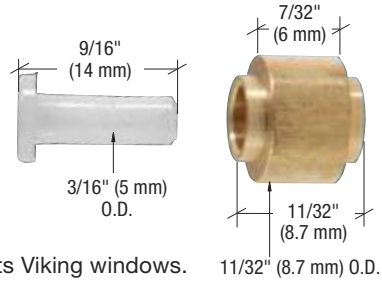
Minimum order: 1 pack.



Fits Premier windows.

CAT. NO.	ROLLER	QTY/PKG
G3015	Steel-Flat	4
G3098	Stainless Steel-Flat	4

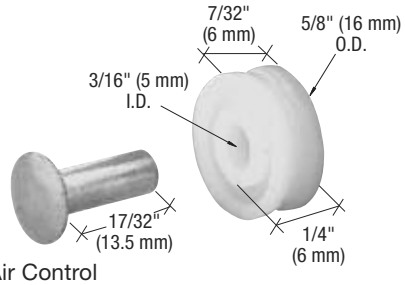
Minimum order: 1 pack.



Fits Viking windows.

CAT. NO.	ROLLER	QTY/PKG
G3116	Brass-Flat	2

Minimum order: 1 pack.

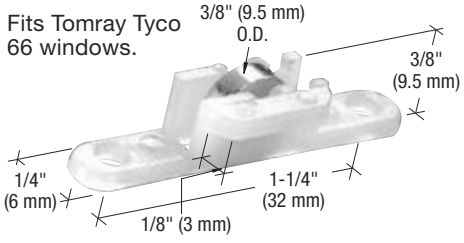


Fits Air Control windows.

CAT. NO.	ROLLER	QTY/PKG
G3018	Nylon-Grooved	4

Minimum order: 1 pack.

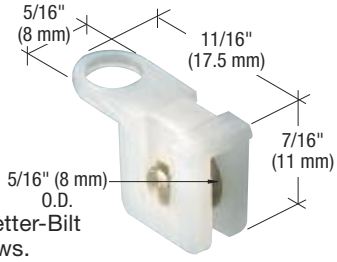
CRL Window Roller Assemblies



Fits Tomray Tyco 66 windows.

CAT. NO.	ROLLER	QTY/PKG
G3038	Steel-Flat	4
G3038B	Steel-Flat	40

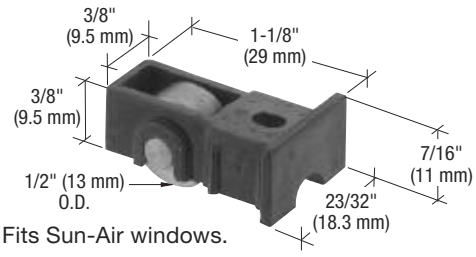
Minimum order: 1 pack.



Fits Better-Bilt windows.

CAT. NO.	ROLLER	QTY/PKG
G3121	Brass-Flat	2

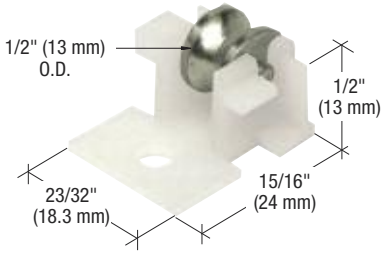
Minimum order: 1 pack.



Fits Sun-Air windows.

CAT. NO.	ROLLER	QTY/PKG
G3143	Steel-Flat	2

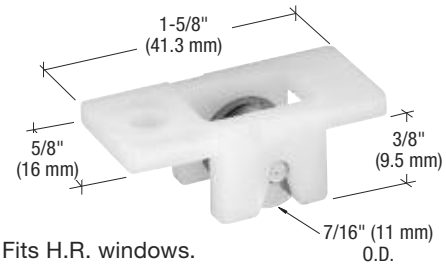
Minimum order: 1 pack.



Fits Krestmark windows.

CAT. NO.	ROLLER	QTY/PKG
G3106	Steel-Grooved	2

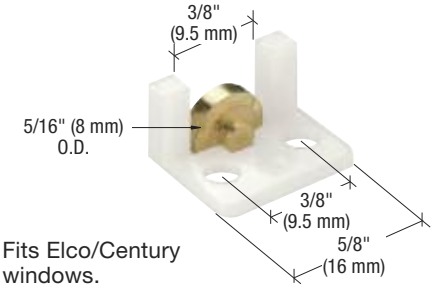
Minimum order: 1 pack.



Fits H.R. windows.

CAT. NO.	ROLLER	QTY/PKG
G3147	Steel-Grooved	2

Minimum order: 1 pack.



Fits Elco/Century windows.

CAT. NO.	ROLLER	QTY/PKG
G3061	Brass-Flat	2
G3061B	Brass-Flat	40

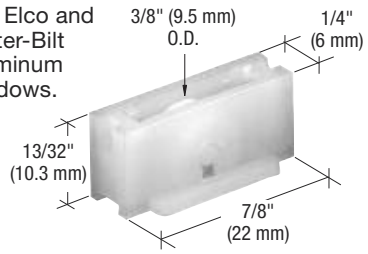
Minimum order: 1 pack.

All packs of Window Roller Hardware can be combined for quality pricing.

CRL Window Roller Assemblies

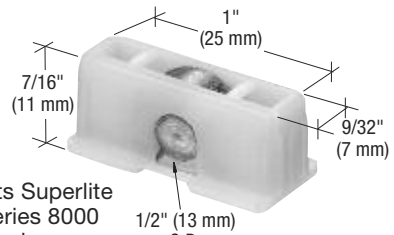
MORE CHOICES crlaurence.com

Fits Elco and Better-Bilt Aluminum windows.



CAT. NO.	ROLLER	QTY/PKG
G3086	Nylon-Flat	2
G3122	Brass-Flat	2

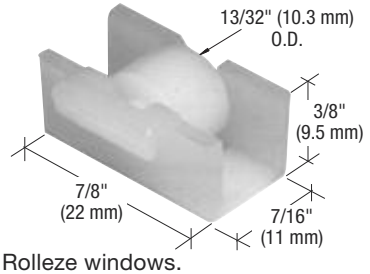
Minimum order: 1 pack.



Fits Superlite Series 8000 windows.

CAT. NO.	ROLLER	QTY/PKG
G3089	Steel-Flat	2

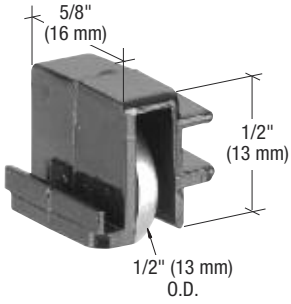
Minimum order: 1 pack.



Fits Rolleze windows.

CAT. NO.	ROLLER	QTY/PKG
G3065	Nylon-Flat	2

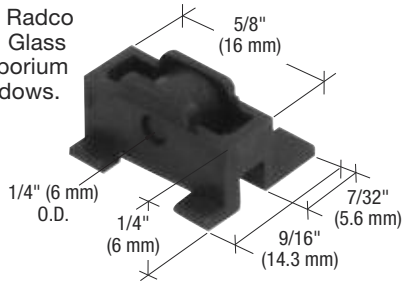
Minimum order: 1 pack.



CAT. NO.	ROLLER	QTY/PKG
G3171	Stainless Steel B.B.-Flat	2

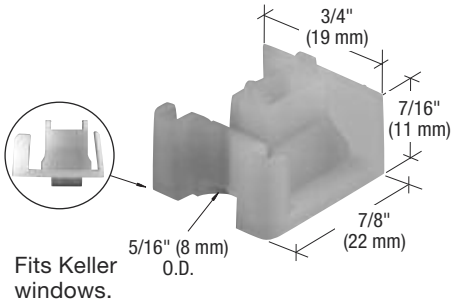
Minimum order: 1 pack.

Fits Radco and Glass Emporium windows.



CAT. NO.	ROLLER	QTY/PKG
G3030	Nylon-Flat	4
G3153	Brass-Flat	2

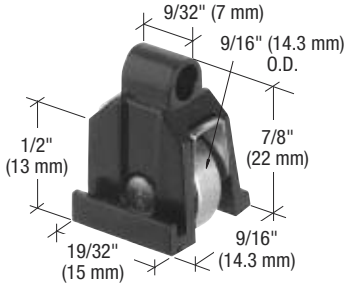
Minimum order: 1 pack.



Fits Keller windows.

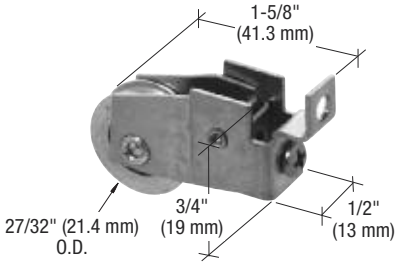
CAT. NO.	ROLLER	QTY/PKG
G3109	Steel-Flat	2

Minimum order: 1 pack.



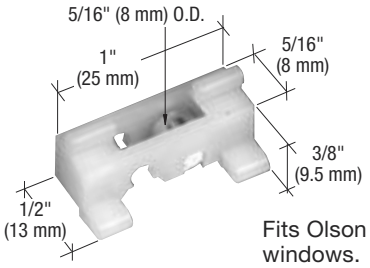
CAT. NO.	ROLLER	QTY/PKG
G3199	Stainless Steel B.B.-Flat	2

Minimum order: 1 pack.



CAT. NO.	ROLLER	QTY/PKG
G3014	Nylon B.B.-Grooved	4
G3133	Steel B.B.-Grooved	2

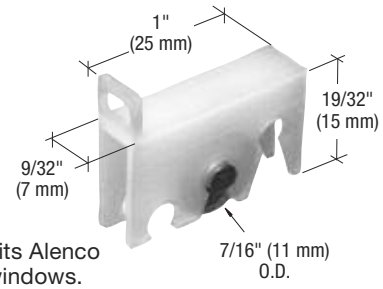
Minimum order: 1 pack.



Fits Olson windows.

CAT. NO.	ROLLER	QTY/PKG
G3008	Steel-Flat	2

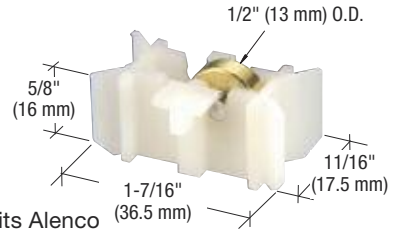
Minimum order: 1 pack.



Fits Alenco windows.

CAT. NO.	ROLLER	QTY/PKG
G3097	Steel-Grooved	2

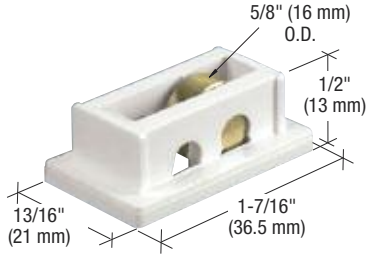
Minimum order: 1 pack.



Fits Alenco windows.

CAT. NO.	ROLLER	QTY/PKG
G3166	Steel-Flat	2

Minimum order: 1 pack.



Fits Acorn Series 2100-2300 windows.

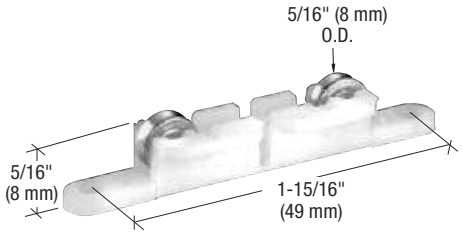
CAT. NO.	ROLLER	QTY/PKG
G3059	Steel-Flat	2

Minimum order: 1 pack.

All packs of Window Roller Hardware can be combined for quality pricing.

CRL Window Roller Assemblies

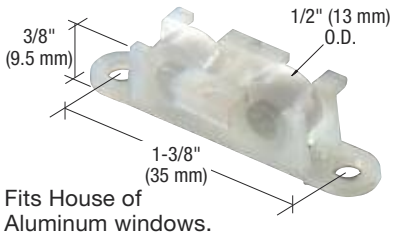
MORE CHOICES crlaurence.com



Fits A.B.C. windows.

CAT. NO.	ROLLERS	QTY/PKG
G3158	Steel-Grooved	2

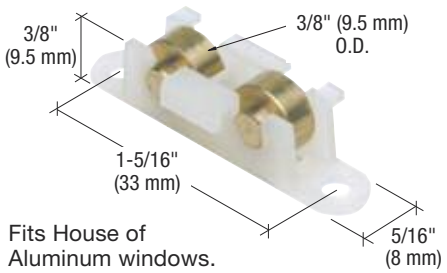
Minimum order: 1 pack.



Fits House of Aluminum windows.

CAT. NO.	ROLLERS	QTY/PKG
G3066	Nylon-Flat	2
G3066B	Nylon-Flat	40

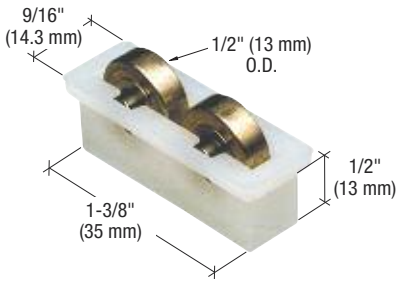
Minimum order: 1 pack.



Fits House of Aluminum windows.

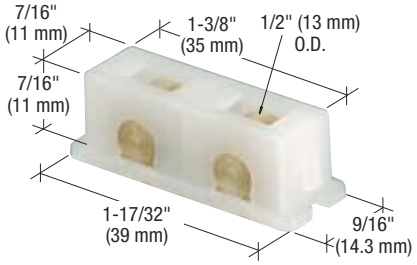
CAT. NO.	ROLLERS	QTY/PKG
G3091	Brass-Flat	2

Minimum order: 1 pack.



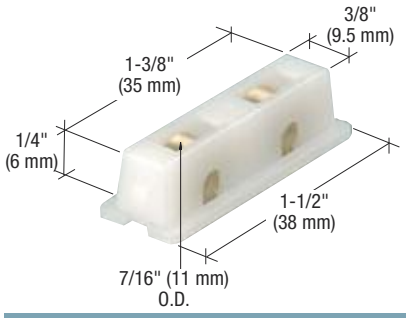
CAT. NO.	ROLLERS	QTY/PKG
G3119	Brass-Flat	2

Minimum order: 1 pack.



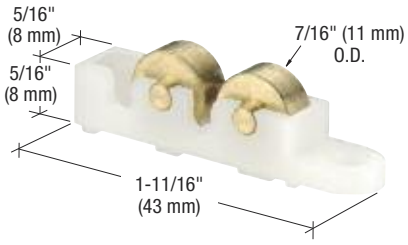
CAT. NO.	ROLLERS	QTY/PKG
G3177	Brass-Flat	2

Minimum order: 1 pack.



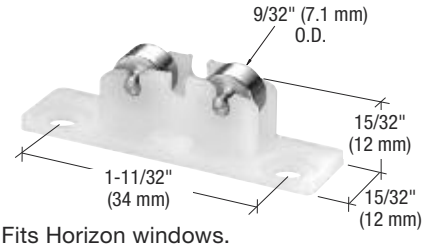
CAT. NO.	ROLLERS	QTY/PKG
G3222	Brass-Flat	2

Minimum order: 1 pack.



CAT. NO.	ROLLERS	QTY/PKG
G3159	Brass-Flat	2

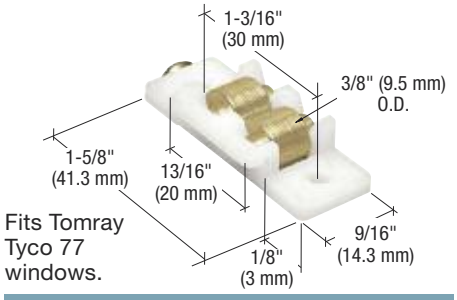
Minimum order: 1 pack.



Fits Horizon windows.

CAT. NO.	ROLLERS	QTY/PKG
G3165	Steel-Flat	2

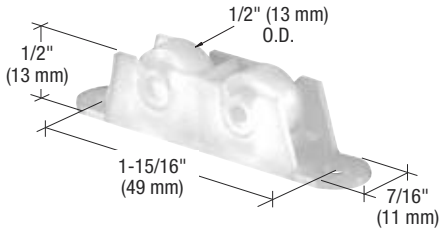
Minimum order: 1 pack.



Fits Tomray Tyco 77 windows.

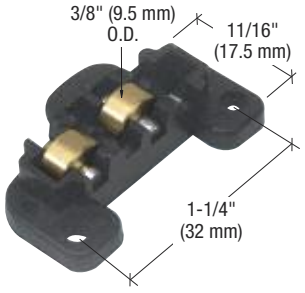
CAT. NO.	ROLLERS	QTY/PKG
G3071	Steel-Flat	2

Minimum order: 1 pack.



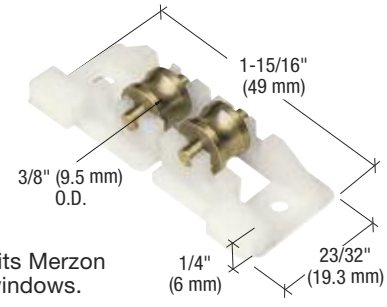
CAT. NO.	ROLLERS	QTY/PKG
G3176	Nylon-Flat	2
G3205	Brass-Flat	2

Minimum order: 1 pack.



CAT. NO.	ROLLERS	QTY/PKG
G3132	Brass-Flat	2

Minimum order: 1 pack.



Fits Merzon windows.

CAT. NO.	ROLLERS	QTY/PKG
G3131	Brass-Grooved	2

Minimum order: 1 pack.

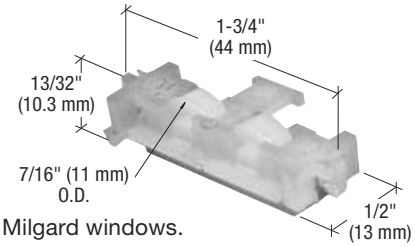
All packs of Window Roller Hardware can be combined for quality pricing.

CRL SLIDING WINDOW ROLLERS

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CRL Window Roller Assemblies

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Fits Milgard windows.

CAT. NO.	ROLLERS	QTY/PKG
G3146	Nylon-Flat	2

Minimum order: 1 pack.



Fits International windows.

CAT. NO.	ROLLER	QTY/PKG
G3077	Nylon-Flat	2
G3156	Brass-Flat	2

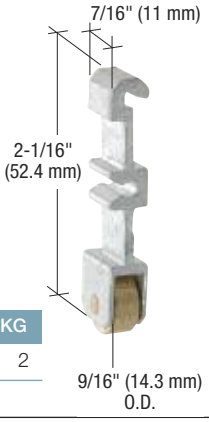
Minimum order: 1 pack.



Fits International windows.

CAT. NO.	ROLLER	QTY/PKG
G3102	Steel-Flat	2

Minimum order: 1 pack.

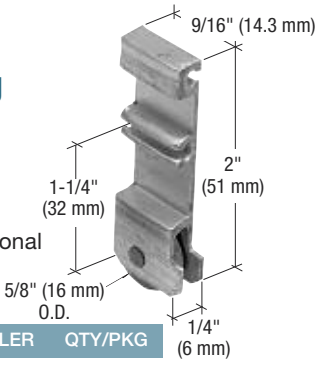


Fits International windows.

CAT. NO.	ROLLER	QTY/PKG
G3137	Steel-Flat	2

Minimum order: 1 pack.

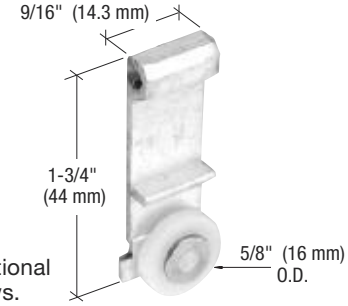
• Ball Bearing Roller



Fits International windows.

CAT. NO.	ROLLER	QTY/PKG
G3124	Steel-Flat	2

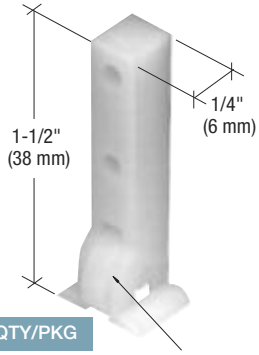
Minimum order: 1 pack.



Fits International windows.

CAT. NO.	ROLLER	QTY/PKG
G3001	Nylon-Flat	2

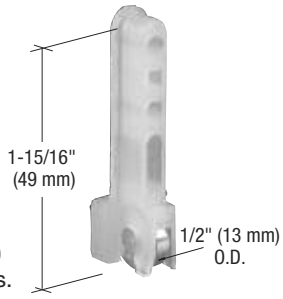
Minimum order: 1 pack.



Fits Guaranteed windows.

CAT. NO.	ROLLER	QTY/PKG
G3004	Nylon-Flat	4

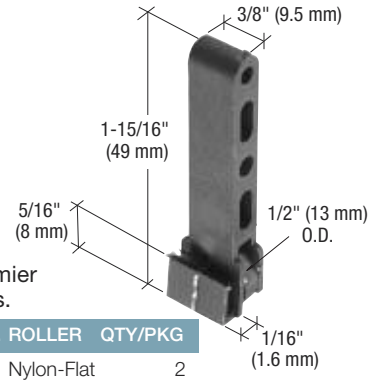
Minimum order: 1 pack.



Fits Hi-Lite 200 Series windows.

CAT. NO.	ROLLER	QTY/PKG
G3003	Nylon-Flat	4
G3076	Steel-Flat	2

Minimum order: 1 pack.

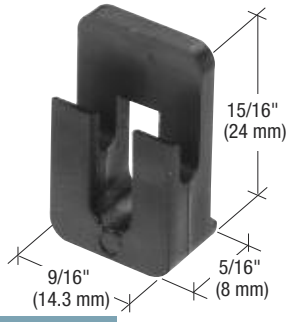


Fits Premier windows.

CAT. NO.	ROLLER	QTY/PKG
G3088	Nylon-Flat	2

Minimum order: 1 pack.

CRL Window Guide

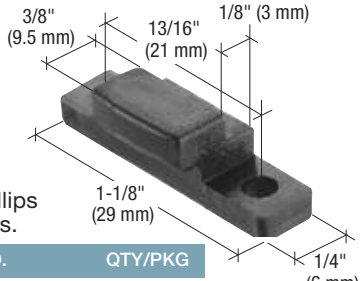


Fits Phillips windows.

CAT. NO.	QTY/PKG
G3069	4

Minimum order: 1 pack.

CRL Window Glide

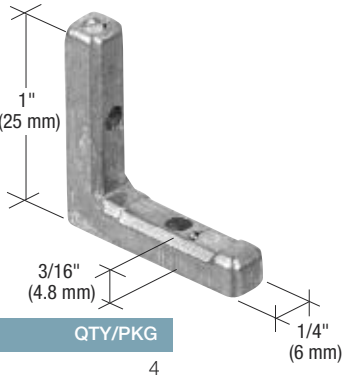


Fits Phillips windows.

CAT. NO.	QTY/PKG
G3070	4
G3070B	40

Minimum order: 1 pack.

CRL Corner Insert



Fits Rylock windows.

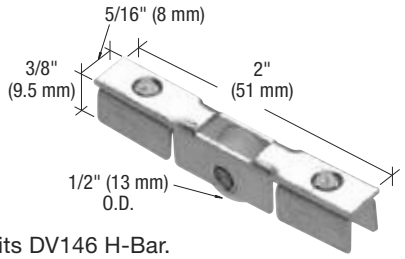
CAT. NO.	QTY/PKG
G3155	4

Minimum order: 1 pack.

All packs of Window Roller Hardware can be combined for quantity pricing.

CRL Window Roller Assemblies

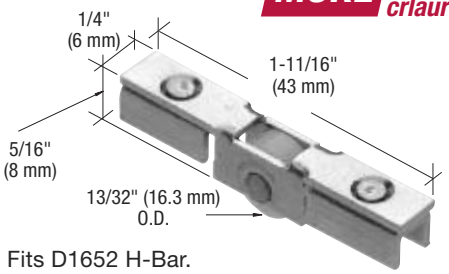
MORE CHOICES crlaurence.com



Fits DV146 H-Bar.

CAT. NO.	ROLLER	QTY/PKG
DV147	Nylon	1
DV147S	Steel	1

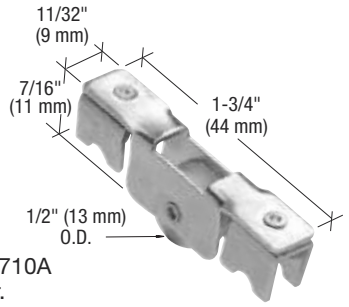
Minimum order: 1 each.



Fits D1652 H-Bar.

CAT. NO.	ROLLER	QTY/PKG
D123R	Nylon-Flat	1

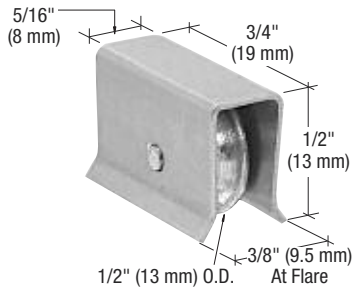
Minimum order: 1 each.



Fits S710A H-Bar.

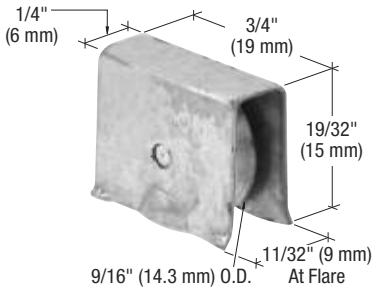
CAT. NO.	ROLLER	QTY/PKG
TA20	Nylon B.B.	1

Minimum order: 1 each.



CAT. NO.	ROLLER	QTY/PKG
D649	Steel-Concave	1
D650	Nylon-Concave	1

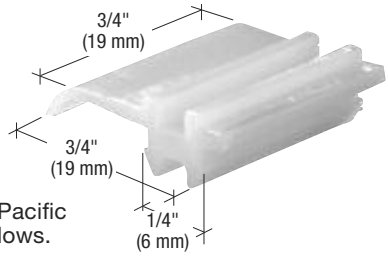
Minimum order: 1 each.



CAT. NO.	ROLLER	QTY/PKG
D5649	Steel-Concave	1
D5650	Nylon-Concave	1

Minimum order: 1 each.

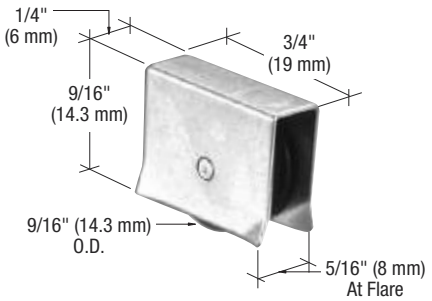
CRL Window Guide



Fits Pacific windows.

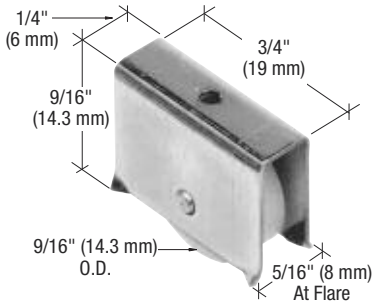
CAT. NO.	QTY/PKG
G3063	4

Minimum order: 1 pack.



CAT. NO.	ROLLER	QTY/PKG
G3087	Nylon-Concave	2

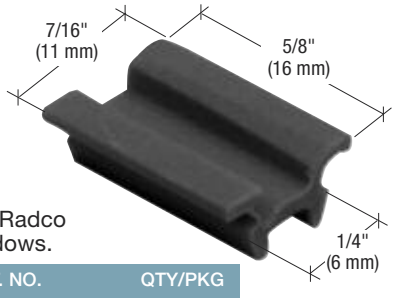
Minimum order: 1 pack.



CAT. NO.	ROLLER	QTY/PKG
G3125	Nylon-Flat	2

Minimum order: 1 pack.

CRL Window Guide

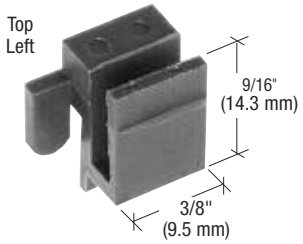


Fits Radco windows.

CAT. NO.	QTY/PKG
G3028	4

Minimum order: 1 pack.

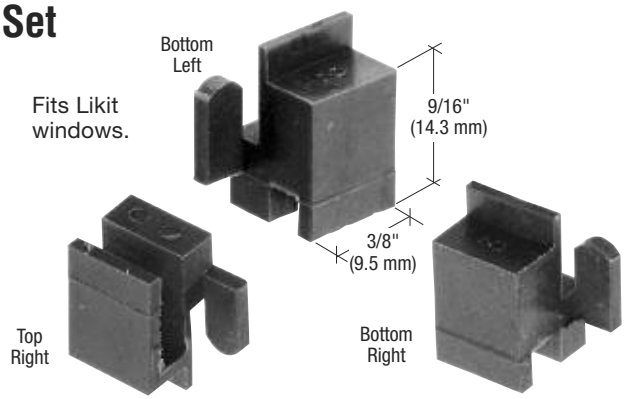
CRL Corner Guide Set



CAT. NO.	QTY/PKG
G3078	1 Set of 4

Minimum order: 1 pack.

Fits Likit windows.



CRL "EZ-Slide" Vinyl Window Track Cover

- **Repairs Worn Out Window Track**



CAT. NO.	ROLL LENGTH
ET100	100 Ft (30.5 m)

Minimum order: 1 roll.

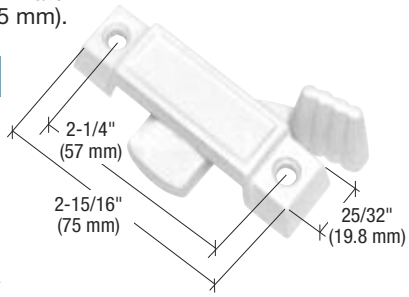
All packs of Window Roller Hardware can be combined for quantity pricing.

CRL Sash Lock

Die cast Sash Lock; does not use a keeper; latch tongue engages slot in fixed rail of opposing sash. Latch tongue projection is 3/8" (9.5 mm).

CAT. NO.	FINISH	QTY/PKG
F2589	Black	1
F2589B	Black	20
F2590	White	1
F2590B	White	20
F2596	Bronze	1
F2596B	Bronze	20
F2659	Gray	1

Minimum order: 1 pack.

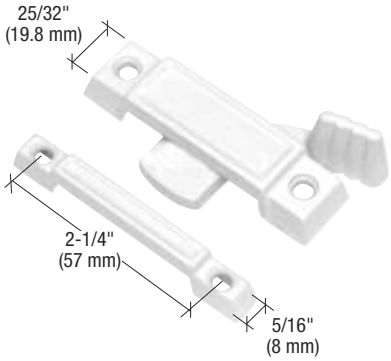


CRL Sash Lock

Die cast Sash Lock and Keeper; cam action latch draws sashes tight for a good seal when locked.

CAT. NO.	FINISH	QTY/PKG
F2531	Chrome	1
F2531B	Chrome	20
F2532	Black	1
F2532B	Black	20
F2533	White	1
F2533B	White	20
F2648	Brass	1

Minimum order: 1 pack.



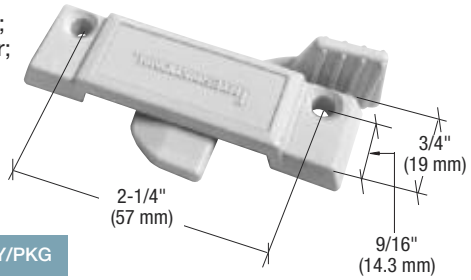
CRL Sash Lock

MORE CHOICES
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Die cast Sash Lock; does not use a keeper; latch tongue engages fixed rail of opposing sash. Latch tongue projection is 3/8" (9.5 mm).

CAT. NO.	FINISH	QTY/PKG
F2780	White	1

Minimum order: 1 pack.

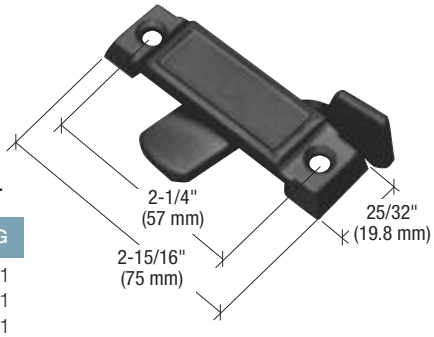


CRL Sash Lock

Die cast Sash Lock; does not use a keeper; latch tongue engages slot in fixed rail of opposing sash. Latch tongue projection is 5/8" (16 mm).

CAT. NO.	FINISH	QTY/PKG
F2591	Black	1
F2862	White	1
F2783	Tan	1

Minimum order: 1 pack.

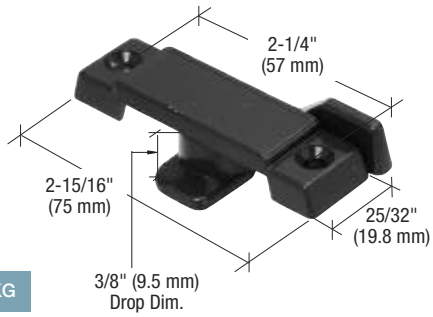


CRL Sash Lock

Die cast Sash Lock; this lock does not use a keeper; latch tongue engages fixed rail of opposing sash.

CAT. NO.	FINISH	QTY/PKG
F2595	Black	1
F2689	White	1

Minimum order: 1 pack.

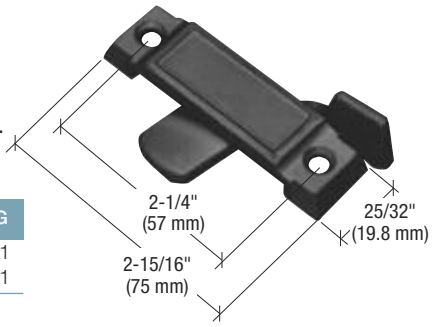


CRL Sash Lock

Die cast Sash Lock; does not use a keeper; latch tongue engages slot in fixed rail of opposing sash. Latch tongue projection is 1/2" (13 mm).

CAT. NO.	FINISH	QTY/PKG
F2863	Black	1
F2592	White	1

Minimum order: 1 pack.

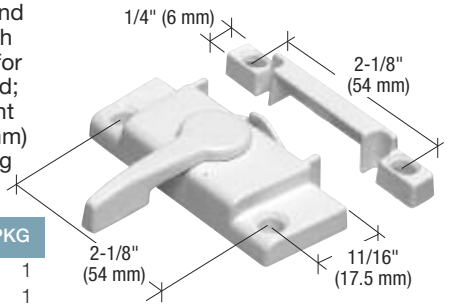


CRL Sash Lock (With Lugs)

Die cast Sash Lock and Keeper; cam action latch draws the sashes tight for a good seal when locked; latch body has alignment lugs and 11/16" (17.5 mm) back set of the mounting holes.

CAT. NO.	FINISH	QTY/PKG
F2554	White	1
F2632	Brass	1

Minimum order: 1 pack.

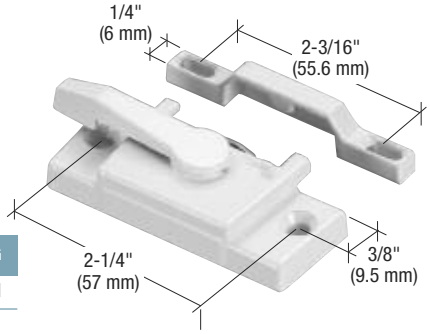


CRL Sash Lock (With Lugs)

Die cast Sash Lock and Keeper; cam action latch draws the sashes tight for a good seal when locked; latch body has alignment lugs and 3/8" (9.5 mm) back set of the mounting holes.

CAT. NO.	FINISH	QTY/PKG
F2744	White	1

Minimum order: 1 pack.



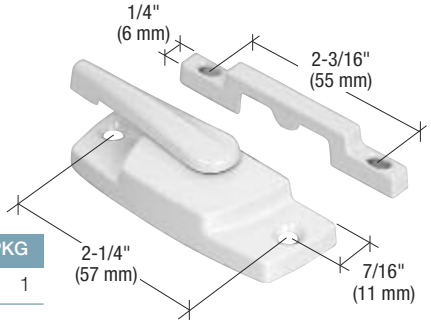
All packs of Window Latch Hardware can be combined for quantity pricing.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Sash Lock (Without Lugs)

Die cast Sash Lock and Keeper; cam action latch draws the sashes tight for a good seal when locked; 7/16" back set of the mounting holes.

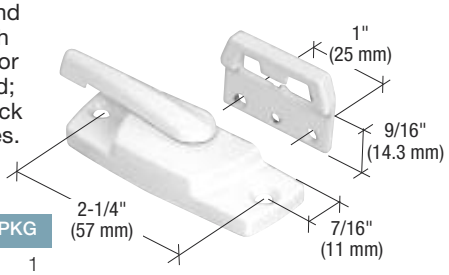


CAT. NO.	FINISH	QTY/PKG
F2768	White	1

Minimum order: 1 pack.

CRL Sash Lock (Without Lugs)

Die cast Sash Lock and Keeper; cam action latch draws the sashes tight for a good seal when locked; latch body has 7/16" back set of the mounting holes.

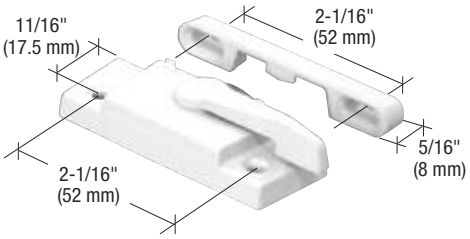


CAT. NO.	FINISH	QTY/PKG
F2767	White	1

Minimum order: 1 pack.

CRL Sash Lock (Without Lugs)

Die cast Sash Lock and Keeper; latch body has an 11/16" back set of the mounting holes.



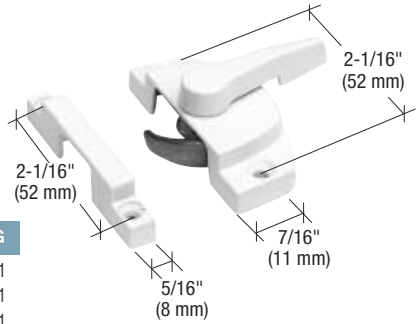
CAT. NO.	FINISH	QTY/PKG
F2625	White	1

Minimum order: 1 pack.

MORE INFORMATION
crlaurence.com

CRL Sash Lock (Without Lugs)

Die cast Sash Lock and Keeper; cam action latch draws the sashes tight for a good seal when locked; latch body has a 7/16" back set of the mounting holes.

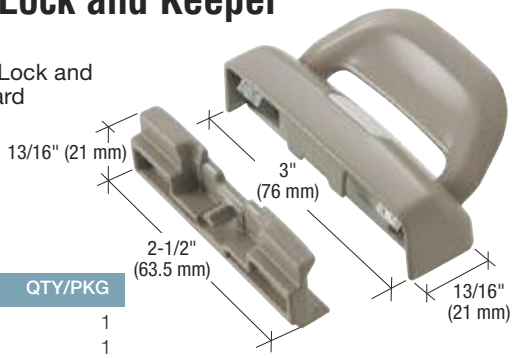


CAT. NO.	FINISH	QTY/PKG
F2762	Silver	1
F2763	Bronze	1
F2588	White	1

Minimum order: 1 pack.

CRL Sash Lock and Keeper

Die cast Sash Lock and Keeper; fits Milgard Windows.

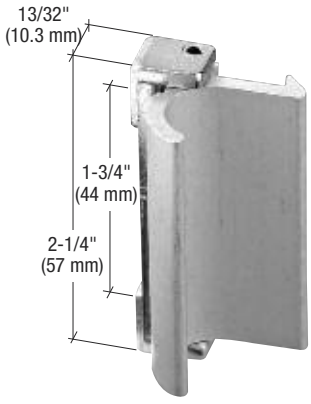


CAT. NO.	FINISH	QTY/PKG
F2732	White	1
F2733	Tan	1

Minimum order: 1 pack.

CRL Latch and Pull

Sash Latch and Pull with die cast base; spring loaded extruded aluminum latch; fits Keller Industries windows.

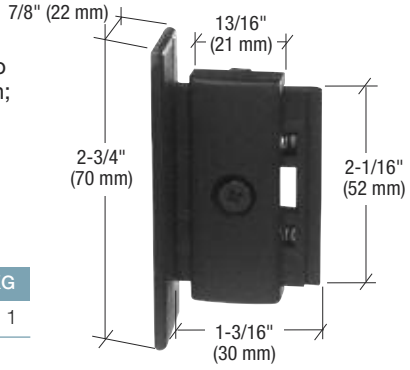


CAT. NO.	FINISH	QTY/PKG
F2572	Aluminum	1

Minimum order: 1 pack.

CRL Latch and Pull

Plastic Latch and Pull; spring loaded; latches into fixed rail of opposing sash; fits Rolleze windows.

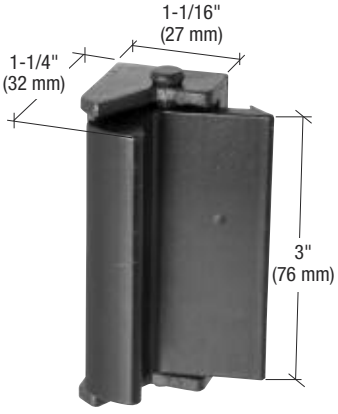


CAT. NO.	FINISH	QTY/PKG
F2553	Black	1

Minimum order: 1 pack.

CRL Latch and Pull

Sash Latch and Pull with plastic base; spring loaded extruded aluminum latch; fits Premier Series 510 windows.



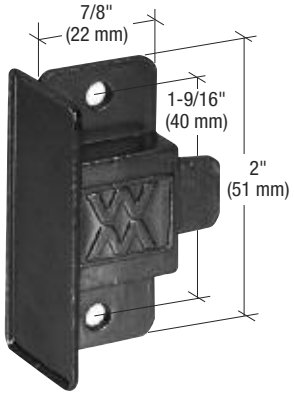
CAT. NO.	FINISH	QTY/PKG
F2580	Black	1

Minimum order: 1 pack.

All packs of Window Latch Hardware can be combined for quantity pricing.

CRL Latch and Pull

Die cast Latch and Pull; spring loaded; latches into fixed rail of opposing sash; fits Window Master Series 216 windows.

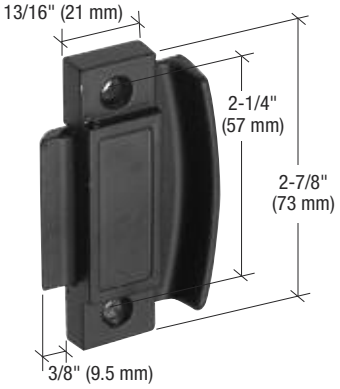


CAT. NO.	FINISH	QTY/PKG
F2611	Black	1

Minimum order: 1 pack.

CRL Latch and Pull

Die cast Latch and Pull; spring loaded; latches into fixed rail of opposing sash; used by several window manufacturers.

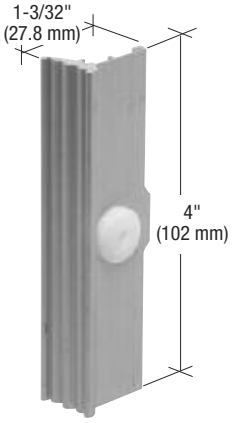


CAT. NO.	FINISH	QTY/PKG
F2607	Black	1

Minimum order: 1 pack.

CRL Latch and Pull

Extruded aluminum Sash Latch and Pull; latches into fixed rail of opposing sash; fits Ador/HiLite windows.

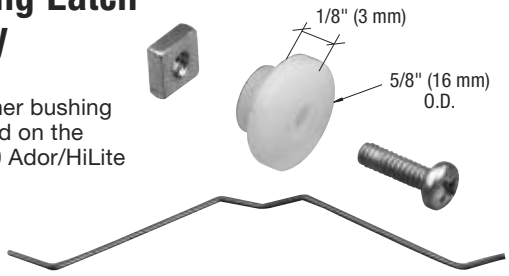


CAT. NO.	FINISH	QTY/PKG
F2500	Aluminum	1

Minimum order: 1 pack.

CRL Spring Latch Assembly

Plastic retainer bushing and spring used on the Cat. No. F2500 Ador/HiLite Latch and Pull.

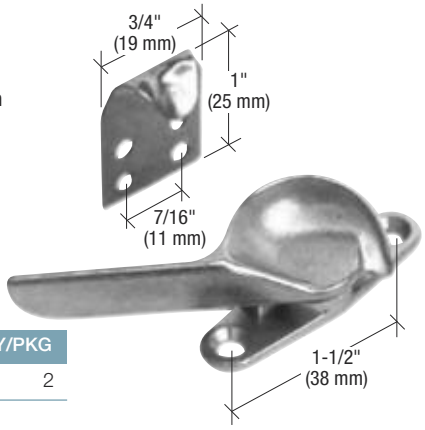


CAT. NO.	QTY/PKG
F2501	2

Minimum order: 1 pack.

CRL Sash Lock

Die cast Sash Lock with stamped steel keeper; fits Daryl windows.

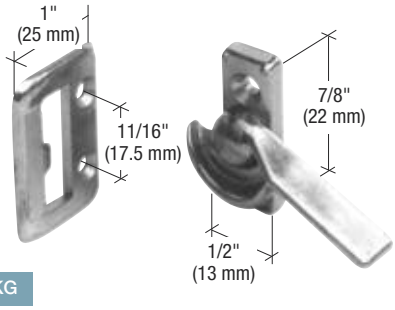


CAT. NO.	FINISH	QTY/PKG
F2509	Brite Zinc	2

Minimum order: 1 pack.

CRL Sash Lock

Die cast Sash Lock and Keeper; brite zinc finish; used on both residential and RV sliding windows.



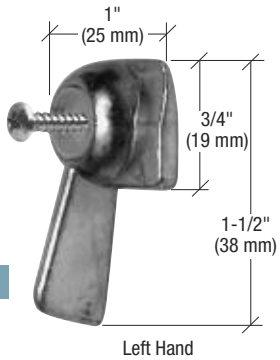
Left Hand Shown

CAT. NO.	HANDED	QTY/PKG
F2510	Left	2
F2511	Right	2

Minimum order: 1 pack.

CRL Sash Lock

Die cast Sash Lock; used on both horizontal and vertical sliding windows in camper shells and RVs.



Left Hand Shown

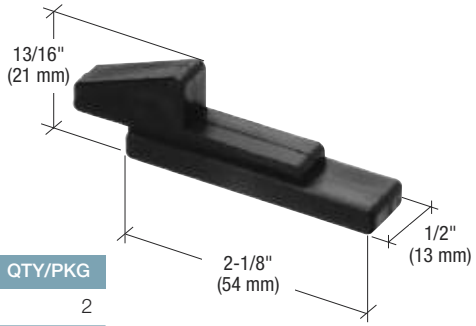
CAT. NO.	HAND	FINISH	QTY/PKG
R7077	Left	Chrome	2
R7078	Right	Chrome	2
R7150	Left	Black	2
R7151	Right	Black	2

Minimum order: 1 pack.

CRL Sash Latch

MORE INFORMATION crlaurence.com

Plastic Latch with steel spring; Handed-one left and one right; fits Tyco Series 75 single hung windows.



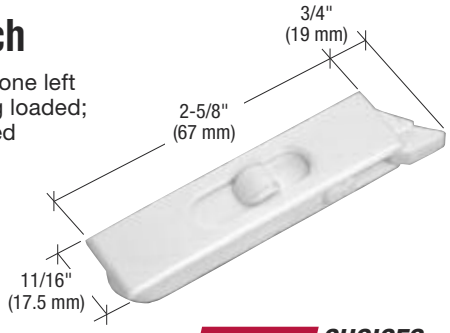
CAT. NO.	FINISH	QTY/PKG
F2634	Black	2

Minimum order: 1 pack.

All packs of Window Latch Hardware can be combined for quantity pricing.

CRL Tilt Latch

Plastic Tilt Latch; one left and one right; spring loaded; designed for mortised installation.



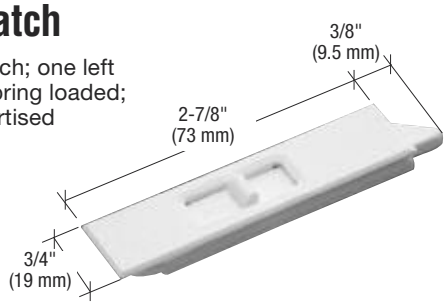
CAT. NO.	FINISH	QTY/PKG
F2749	White	2

Minimum order: 1 pack.

MORE CHOICES crlaurence.com

CRL Tilt Latch

Plastic Tilt Latch; one left and one right; spring loaded; designed for mortised installation.

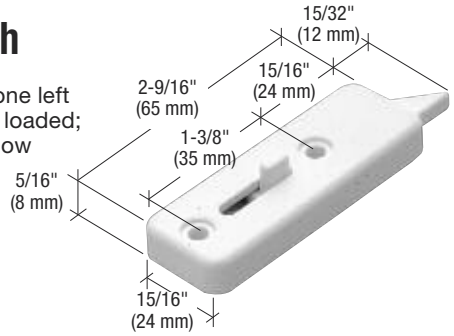


CAT. NO.	FINISH	QTY/PKG
F2734	White	2

Minimum order: 1 pack.

CRL Tilt Latch

Plastic Tilt Latch; one left and one right; spring loaded; used by several window manufacturers.

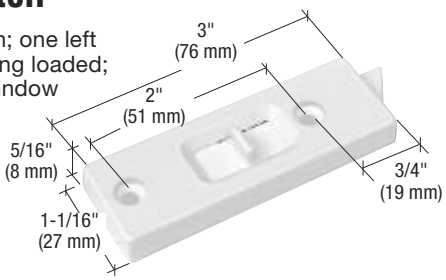


CAT. NO.	FINISH	QTY/PKG
F2737	White	2

Minimum order: 1 pack.

CRL Tilt Latch

Plastic Tilt Latch; one left and one right; spring loaded; used by several window manufacturers.

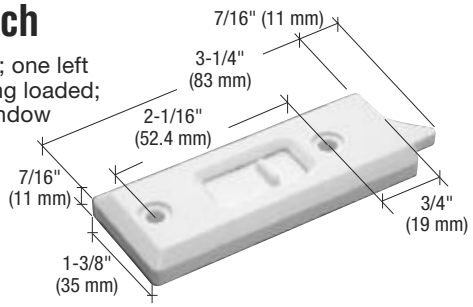


CAT. NO.	FINISH	QTY/PKG
F2598	White	2

Minimum order: 1 pack.

CRL Tilt Latch

Plastic Tilt Latch; one left and one right; spring loaded; used by several window manufacturers.

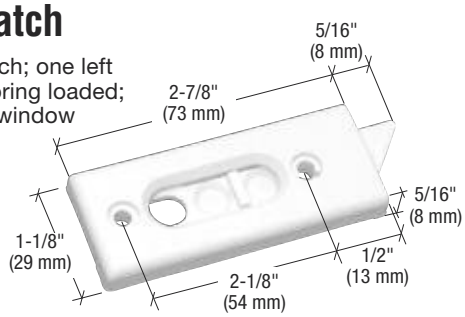


CAT. NO.	FINISH	QTY/PKG
F2722	White	2

Minimum order: 1 pack.

CRL Tilt Latch

Plastic Tilt Latch; one left and one right; spring loaded; used by several window manufacturers.

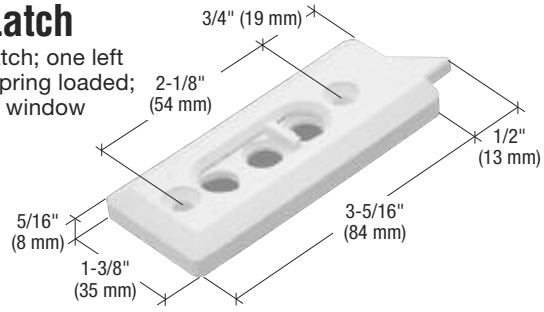


CAT. NO.	FINISH	QTY/PKG
F2627	White	2

Minimum order: 1 pack.

CRL Tilt Latch

Plastic Tilt Latch; one left and one right; spring loaded; used by several window manufacturers.

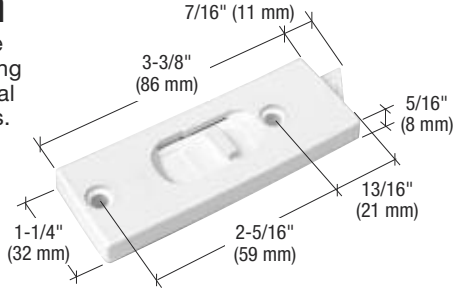


CAT. NO.	FINISH	QTY/PKG
F2728	White	2

Minimum order: 1 pack.

CRL Tilt Latch

Plastic tilt latch; one left and one right; spring loaded; used by several window manufacturers.



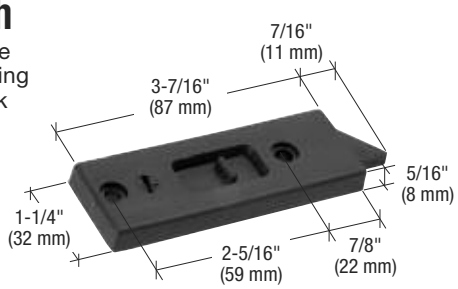
CAT. NO.	FINISH	QTY/PKG
F2599	White	2

Minimum order: 1 pack.

All packs of Replacement Hardware can be combined for quantity pricing.

CRL Tilt Latch

Plastic tilt latch; one left and one right; spring loaded, with twist lock to prevent accidental opening. Used by several window manufacturers.

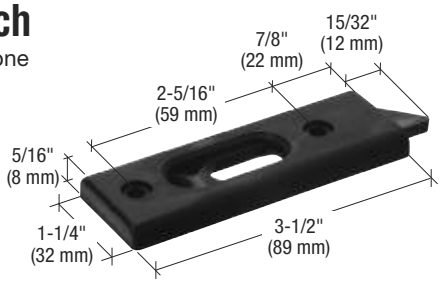


CAT. NO.	FINISH	QTY/PKG
F2697	Black	2

Minimum order: 1 pack.

CRL Tilt Latch

Plastic tilt latch; one left and one right; spring loaded; used by several window manufacturers.

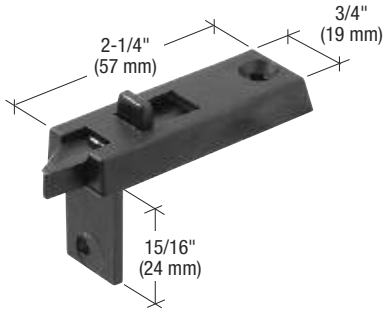


CAT. NO.	FINISH	QTY/PKG
F2724	White	2
F2725	Black	2

Minimum order: 1 pack.

CRL Tilt Latch

Plastic tilt latch; one left and one right; spring loaded; fits Better Bilt windows.

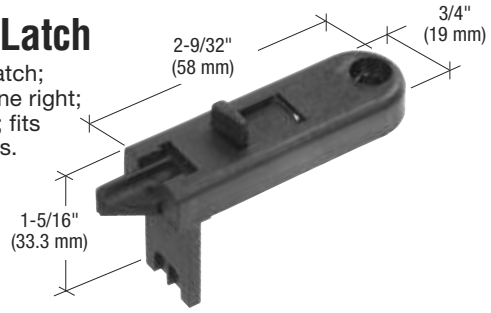


CAT. NO.	FINISH	QTY/PKG
F2628	Black	2
F2642	White	2

Minimum order: 1 pack.

CRL Tilt Latch

Plastic tilt latch; one left and one right; spring loaded; fits Keller windows.

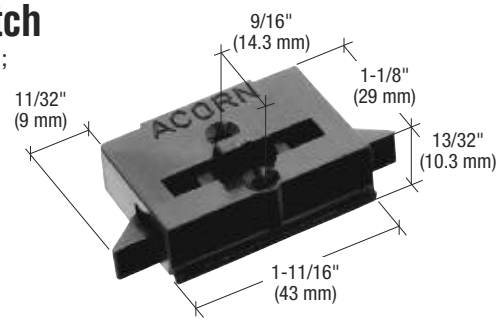


CAT. NO.	FINISH	QTY/PKG
F2788	White	2
F2660	Black	2

Minimum order: 1 pack.

CRL Tilt Latch

Plastic Tilt Latch; non-handed; fits Acorn windows.

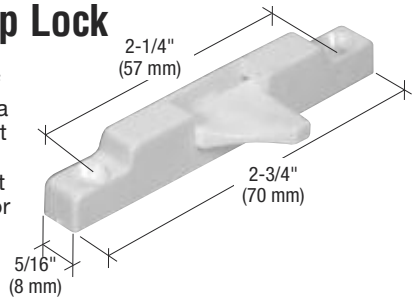


CAT. NO.	FINISH	QTY/PKG
F2645	Black	1

Minimum order: 1 pack.

CRL Window Flip Lock

White nylon Flip Lock mounts onto bottom sill of sliding windows to act as a secondary security latch. It can also be positioned to allow the window to be left open a couple of inches for ventilation. Very popular secondary latch for vinyl windows.



CAT. NO.	FINISH	QTY/PKG
S4600	White	2
S4600B	White	20

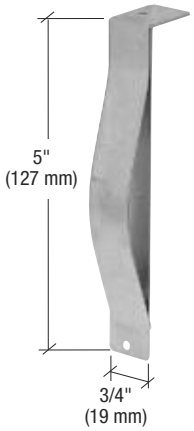
Minimum order: 1 pack.

MORE CHOICES
crlaurence.com

CRL Sash Spring

• Holds Wood Sash Securely

This CRL Sash Spring is made of zinc plated spring steel, and is designed to add friction to vertical hung wood windows when the counter balance has either broken or become too weak to hold the sash in place.

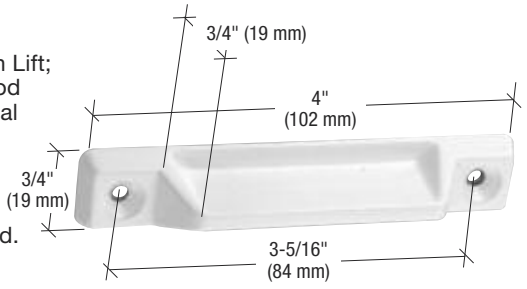


CAT. NO.	QTY/PKG
F2537	2

Minimum order: 1 pack.

CRL Deluxe Sash Lift

Diecast Sash Lift; popular on wood and vinyl vertical hung windows; used by many manufacturers; mounting screws included.



CAT. NO.	FINISH	QTY/PKG
F2630	White	2
F2631	Black	2

Minimum order: 1 pack.

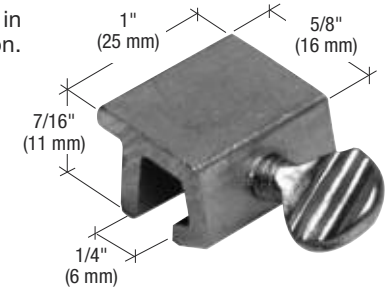
All packs of Replacement Hardware can be combined for quantity pricing.

CRL Economy Window Lock

Securely locks horizontal or vertical sliding windows. It allows windows to be locked in a closed or ventilating position.

CAT. NO.	FINISH	QTY/PKG
S4036	Aluminum	2
S4036B	Aluminum	100
S4076	Black	2
S4076B	Black	100
S4336	White	2

Minimum order: 1 pack.



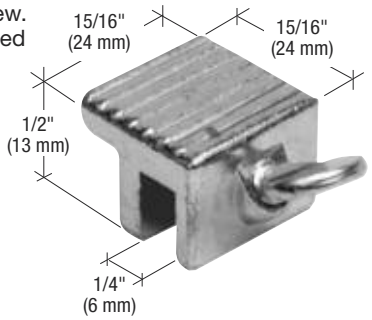
CRL Thumbscrew Lock

MORE CHOICES crlaurence.com

Heavy-duty zinc diecast housing with single thumbscrew. Securely locks window in closed or open ventilating position.

CAT. NO.	FINISH	QTY/PKG
S4000	Aluminum	2
S4000B	Aluminum	50
S4001	Black	2
S4001B	Black	50
S4340	White	2
S4340B	White	50

Minimum order: 1 pack.

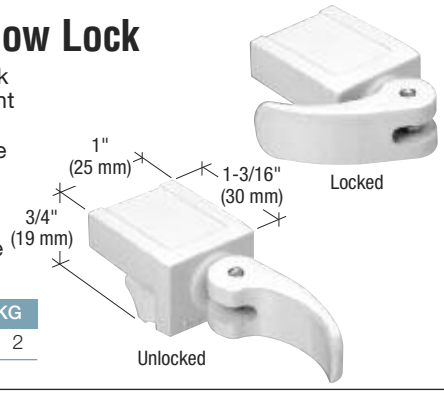


CRL Vinyl Window Lock

This Vinyl Window Lock has a threaded adjustment feature that adapts to the wider vinyl jamb fins. The inside of the Lock's jaws are grooved to prevent slippage and allow for a tight clamp to the surface of the vinl.

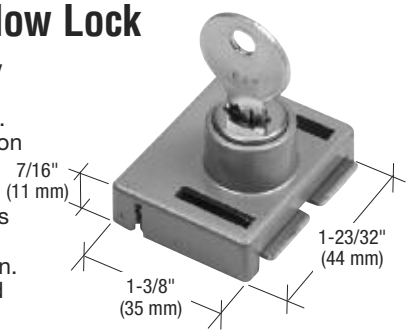
CAT. NO.	FINISH	QTY/PKG
S4574	White	2

Minimum order: 1 pack.



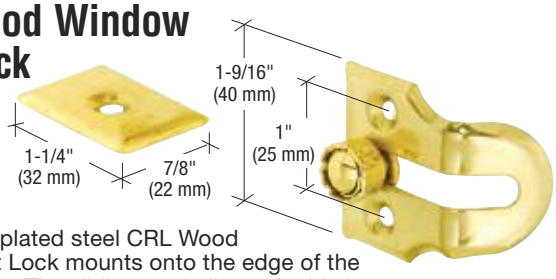
CRL Keyed Window Lock

This CRL Keyed Window Lock fits most sliding aluminum framed windows. Choose desired lock position and drill a 3/16" (5 mm) diameter hole through fin of window jamb. Lock slips over fin and when key is turned a pin engages the fin. Lock can be ordered keyed alike. One per package, minimum order is one pack.



CAT. NO. S4056

CRL Wood Window Vent Lock



The brass plated steel CRL Wood Window Vent Lock mounts onto the edge of the upper window. The sliding stud allows double hung wood windows to be opened partially for ventilation, while preventing them from being fully opened.

CAT. NO.	FINISH	QTY/PKG
S4038	Brass	2

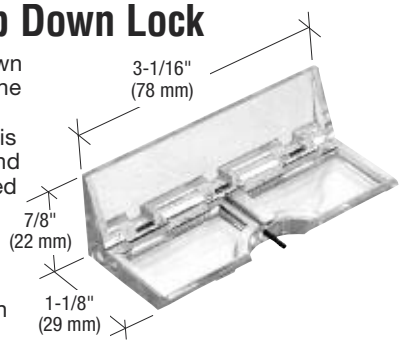
Minimum order: 1 pack.

CRL Window Flip Down Lock

This clear Lucite Flip Down Security Lock attaches to the glass with a very high bond clear adhesive strip, which is pre-attached to the Lock and ready to use. Latch is hinged in the middle. Folded up it allows the moving sash to pass freely; folded down it blocks the sash. Latch can be mounted at any place on the stationary panel.

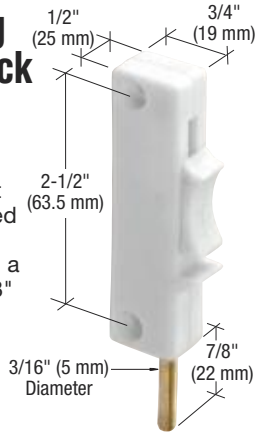
CAT. NO.	FINISH	QTY/PKG
S4124	Clear	2

Minimum order: 1 pack.



CRL Sliding Window Lock

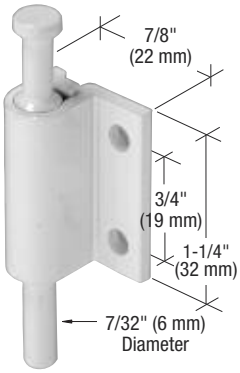
This Sliding Window Lock is designed to mount on most dual glazed windows. White nylon housing with a steel pin; has a 7/8" (22 mm) throw. One per package, minimum order is one pack.



CAT. NO. S4544

CRL "Push-Pull" Sliding Window Lock

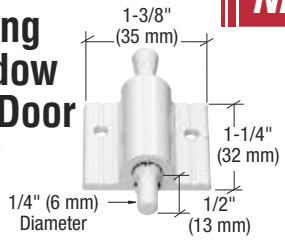
The CRL Push-Pull Lock has a white painted diecast housing and a steel bolt with a 1/2" (13 mm) throw. Sliding windows or patio doors can be securely locked in a closed or ventilating position. Lock is easy to install and operate. One per package, minimum order is one pack.



CAT. NO. S4357

CRL "Push-Pull" Sliding Window and Door Lock

NEW!



The CRL Push-Pull Door and Window Lock has a white painted extruded aluminum housing and a steel bolt with a 1/2" (13 mm) throw. Sliding windows or patio doors can be securely locked in a closed or ventilating position. One per package, minimum order is one pack.

CAT. NO. S4601

All packs of Security Hardware can be combined for quantity pricing.

TOLL FREE Phone: (800) 421-6144
Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Metal Casement Operators

- Teardrop or Square Back Style Fit Most Metal Casement Windows
- Available in Aluminum, Bronze, and White (Select Models)

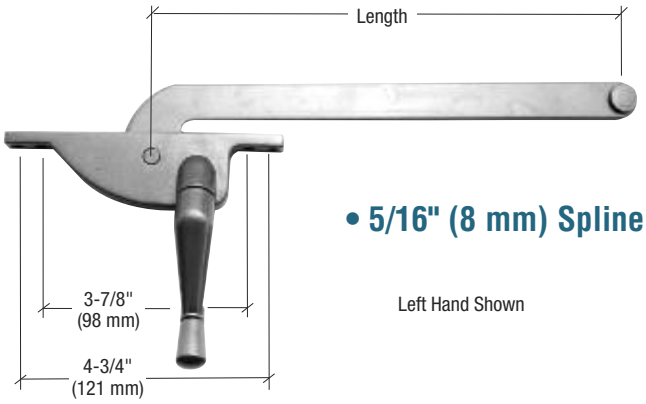
MORE CHOICES crlaurence.com

Our most popular Casement Operators can be used on most metal casements, and now come in three finishes: aluminum, bronze, and white. Operator body and crank handle are made from die cast zinc, while the gear arm is stamped steel. Each Operator includes mounting screws.

When measuring the arm length, always measure from the center of the operator body at the pivot point to the center of the pivot at the end of the arm. These operators have solid steel pivots which match CRL Cat. No. H3529 Casement Track shown on page DW109.

NOTE: Handing of CRL Casement Window Operators is determined by the hinged side of the window when looking from the inside out.

CRL Teardrop Type Operator



- 5/16" (8 mm) Spline

Left Hand Shown

9" (229 MM) TEARDROP TYPE OPERATORS

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH
5009LHAL	5009RHAL	Aluminum
5009LHBRZ	5009RHBRZ	Bronze
H3708	H3709	White

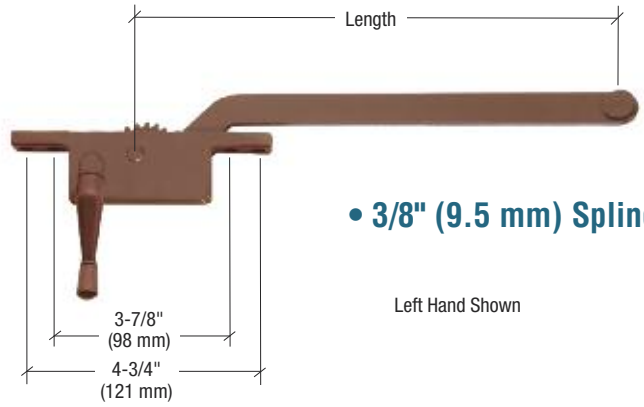
Minimum order: 1 each.

8" (203 MM) TEARDROP TYPE OPERATORS

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH
5008LHAL	5008RHAL	Aluminum
5008LHBRZ	5008RHBRZ	Bronze

Minimum order: 1 each.

CRL Square Back Type Operator



- 3/8" (9.5 mm) Spline

Left Hand Shown

9" (229 MM) SQUARE BACK TYPE OPERATORS

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH
5259LHAL	5259RHAL	Aluminum
5259LHBRZ	5259RHBRZ	Bronze
H3710	H3711	White

Minimum order: 1 each.

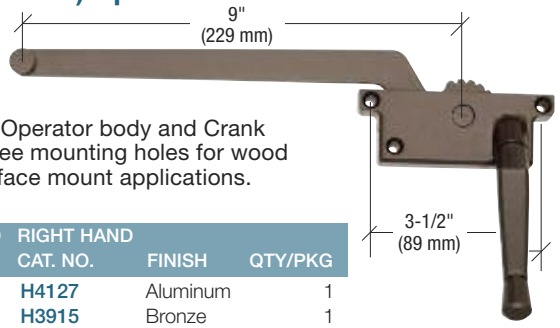
8" (203 MM) SQUARE BACK TYPE OPERATORS

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH
5258LHAL	5258RHAL	Aluminum
5258LHBRZ	5258RHBRZ	Bronze

Minimum order: 1 each.

CRL Wood Casement Operator

- 5/16" (8 mm) Spline



Right Hand Shown

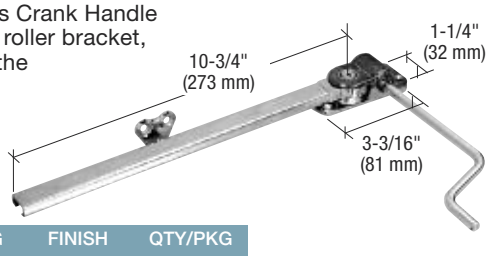
Die cast Operator body and Crank Handle; three mounting holes for wood framed surface mount applications.

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH	QTY/PKG
H4126	H4127	Aluminum	1
H3914	H3915	Bronze	1

Minimum order: 1 each.

CRL Wood Casement Operator

Die cast Operator Base with steel Track Arm; includes Crank Handle and stamped steel roller bracket, which attaches to the face of the sash.



CAT. NO.	HANDING	FINISH	QTY/PKG
H3528	Non-Handed	Zinc Plated	1
H3687	Non-Handed	Brass	1

Minimum order: 1 each.

Replacement Crank Handle Cat. No. H3575 (available separately).

All packs of Casement Window Hardware can be combined for quantity pricing.

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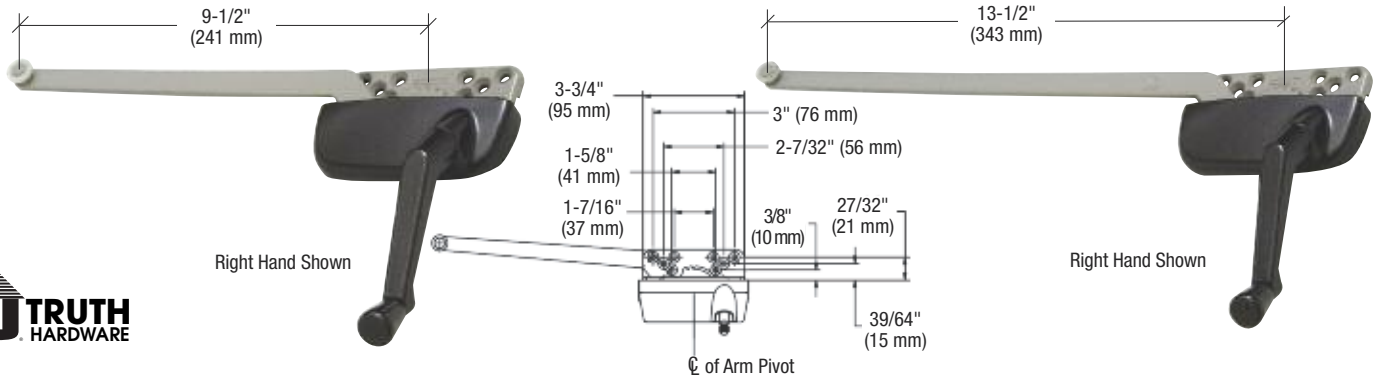
CRL US ALUMINUM

CRL Truth Ellipse Surface Mount Single Arm Operators

MORE CHOICES crlaurence.com

• Replaces Traditional Surface Mount Operators

The Truth Manufacturing Company has recently discontinued their older style Traditional Surface mount casement operators and replaced them with the Ellipse. The basic operation of this new style is the same and the mounting hole configuration is identical. For a replacement casement track to work with the Ellipse Operator order our Cat. No. EP27039.



9-1/2" (241 MM) SINGLE ARM ELLIPSE CASEMENT OPERATOR WITH HANDLE

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH	QTY/PKG
EP24182	EP24183	Bronze	1
EP24184	EP24185	Coppertone	1
EP24186	EP24187	White	1
EP24188	EP24189	Gold	1
EP24190	EP24191	Clay	1

Minimum order: 1 pack.

13-1/2" (343 MM) SINGLE ARM ELLIPSE CASEMENT OPERATOR WITH HANDLE

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH	QTY/PKG
EP24194	EP24195	Bronze	1
EP24196	EP24197	Coppertone	1
EP24198	EP24199	White	1
EP24200	EP24201	Gold	1
EP24202	EP24203	Clay	1

Minimum order: 1 pack.

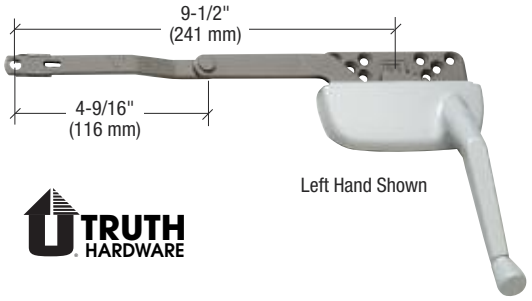
NOTE: Handing of CRL Casement Window Operators is determined by the hinged side of the window when looking from the inside out.

CRL Truth Ellipse Surface Mount Dyad Casement Operators

• Replaces Traditional Surface Mount Operators

These new Truth Ellipse Surface Mount Dyad Casement Window Operators replace the older traditional body style. The basic operation and mounting hole configuration is the same as the traditional style. The gear arm is flat and the link arm has an offset up. The attachment clip is located on the underside of the link arm. Link arm length is measured from center of rivet to center of attachment hole.

NOTE: Handing of CRL Casement Window Operators is determined by the hinged side of the window when looking from the inside out.



9-1/2" (241 MM) SINGLE ARM ELLIPSE DYAD CASEMENT OPERATOR WITH HANDLE

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH	QTY/PKG
EP24174	EP24175	Bronze	1
EP24176	EP24177	White	1

Minimum order: 1 pack.

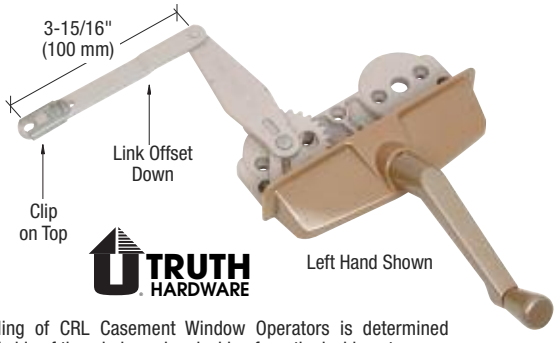
CRL Truth EntryGard® Dyad Operator With Cover

• Includes Cover and Crank Handle

Complete Dyad Casement Operator, Cover and Crank Handle. The Operator is also available by itself. Die cast base and Crank Handle, with hardened steel arms. For replacement Stud Brackets see page DW108.

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH	QTY/PKG
EP23032	EP23036	Bronze	1
EP23033	EP23037	Coppertone	1
EP23034	EP23038	White	1

Minimum order: 1 pack.



NOTE: Handing of CRL Casement Window Operators is determined by the hinged side of the window when looking from the inside out.

All packs of Casement Window Hardware can be combined for quantity pricing.

Truth Hardware and EntryGard are registered trademarks of Truth Hardware Corporation.

CRL Truth EntryGard® Dual Arm Casement Operator Mechanism Only

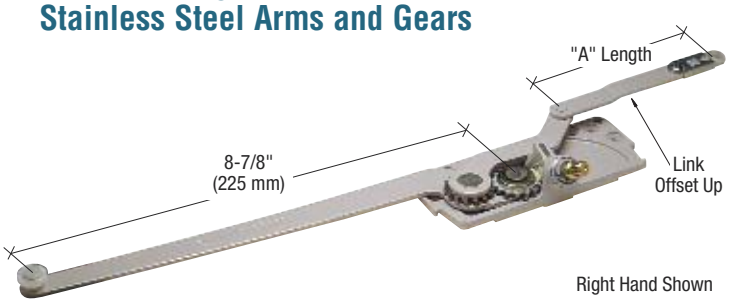
MORE CHOICES crlaurence.com

TRUTH HARDWARE

These Truth EntryGard® Casement Operators have a precision die cast base with hardened steel arms and gears or stainless steel arms and gears. Available in three arm lengths, link arm is measured from center of rivet to center of mounting hole.

For replacement Track order Cat. No. EP27039; for replacement Stud Brackets see page DW108.

- **Available in Three Link Arm Lengths**
- **Hardened Steel Arm and Gears**
- **3-15/16" Length Available With Stainless Steel Arms and Gears**



STEEL ARMS

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	"A" LENGTH	QTY/PKG
EP18702	EP18703	3-15/16" (100 mm)	1
EP24032	EP24033	3-5/16" (84 mm)	1
EP24030	EP24031	2-5/16" (59 mm)	1

Minimum order: 1 pack.

STAINLESS STEEL ARMS

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	"A" LENGTH	QTY/PKG
EP28000	EP28001	3-15/16" (100 mm)	1

Minimum order: 1 pack.

NOTE: Handing of CRL Casement Window Operators is determined by the hinged side of the window when looking from the inside out.

CRL Truth EntryGard® Dual Arm Operator With Cover and Crank Handle

TRUTH HARDWARE

This CRL Truth Dual Arm Operator with matching plastic Cover and die cast Crank Handle set is made with either Cat. No. EP18702 or EP18703 Operator as shown above depending on your required handing. This set eliminates the need to buy components individually. When selecting this Operator always measure the link arm and compare to the chart above.

- **Complete Kit Eliminates the Need to Buy Individual Components**



OPERATOR WITH COVER AND HANDLE

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH	QTY/PKG
EP23000	EP23004	Bronze	1
EP23001	EP23005	Coppertone	1
EP23002	EP23006	White	1

Minimum order: 1 pack.

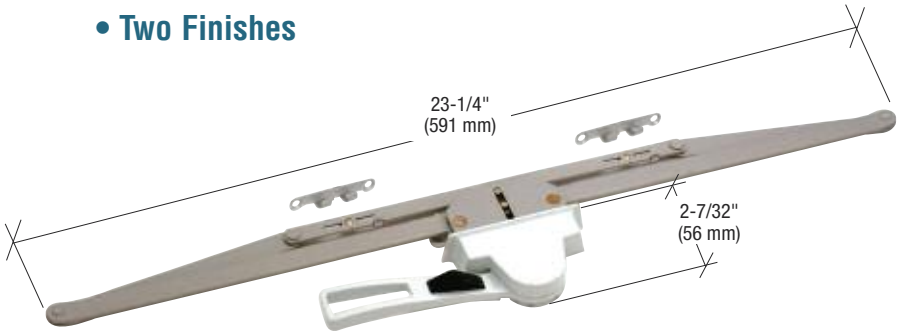
NOTE: Handing of CRL Casement Window Operators is determined by the hinged side of the window when looking from the inside out.

CRL Truth Dual Pull Lever Operator

TRUTH HARDWARE

Die cast Operator body with stamped steel arms; Escutcheon is non-removable; Two Sash Brackets included; Lever Handle is to the left when the window is in the closed position. **NOTE:** Approximate sash opening is 14" (356 mm).

- **Two Finishes**



CAT. NO.	FINISH	QTY/PKG
EP23097	Bronze	1
EP24079	White	1

Minimum order: 1 pack.

All packs of Casement Window Hardware can be combined for quantity pricing.

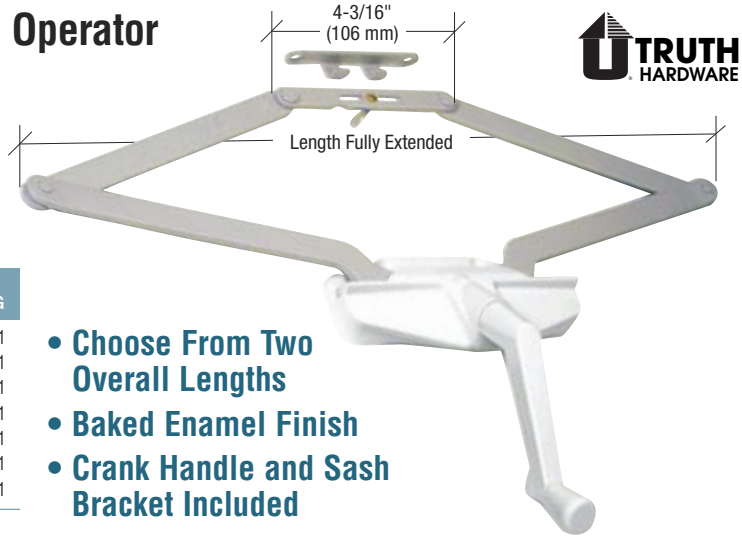
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From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Truth Single Pull Roto-Gear Awning Operator

This Roto-Gear Awning Window Operator has a single center pull point; non-handed; Operator base and Crank Handle are made from die cast zinc; all gears and arms are made from hardened steel for a long operating life; Crank Handle and one sash bracket is included. For sashes needing extra support, a separate Torsion Pull Bar Cat. No. EP22593 is available to replace the smaller single attachment bracket.

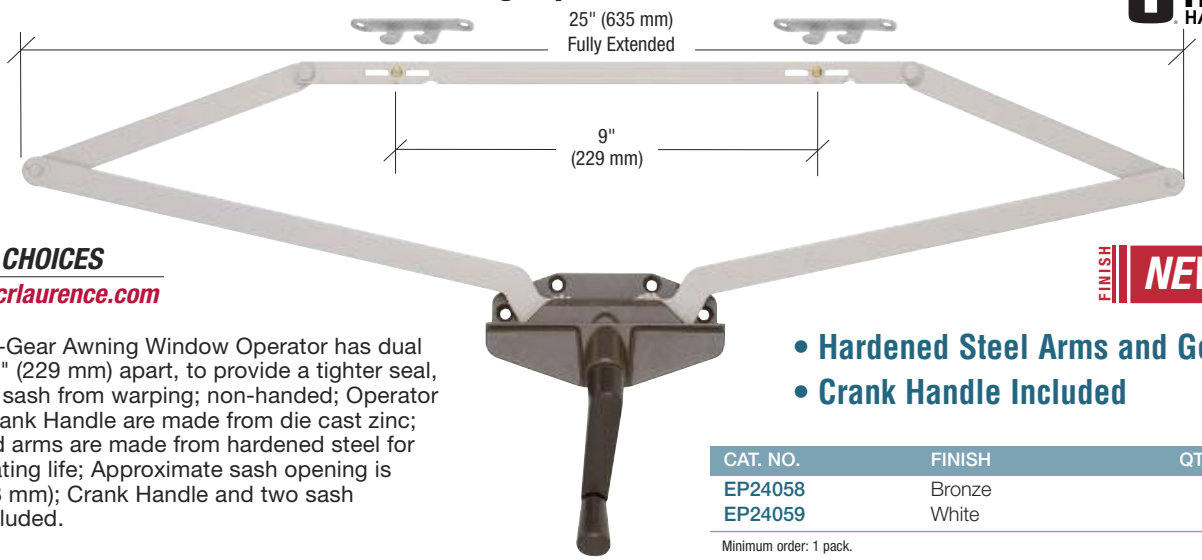


CAT. NO.	FINISH	EXTENDED LENGTH	APPROX. SASH OPENING	QTY/PKG
EP23011	Bronze	16-1/8" (410 mm)	10-1/2" (267 mm)	1
EP23012	Coppertone	16-1/8" (410 mm)	10-1/2" (267 mm)	1
EP23013	White	16-1/8" (410 mm)	10-1/2" (267 mm)	1
EP23008	Bronze	21-1/2" (546 mm)	15-3/4" (400 mm)	1
EP23009	Coppertone	21-1/2" (546 mm)	15-3/4" (400 mm)	1
EP23010	White	21-1/2" (546 mm)	15-3/4" (400 mm)	1
EP23073	Gold	21-1/2" (546 mm)	15-3/4" (400 mm)	1

Minimum order: 1 pack.

- Choose From Two Overall Lengths
- Baked Enamel Finish
- Crank Handle and Sash Bracket Included

CRL Truth Dual Pull Roto-Gear Awning Operator



MORE CHOICES crlaurence.com

NEW! FINISH

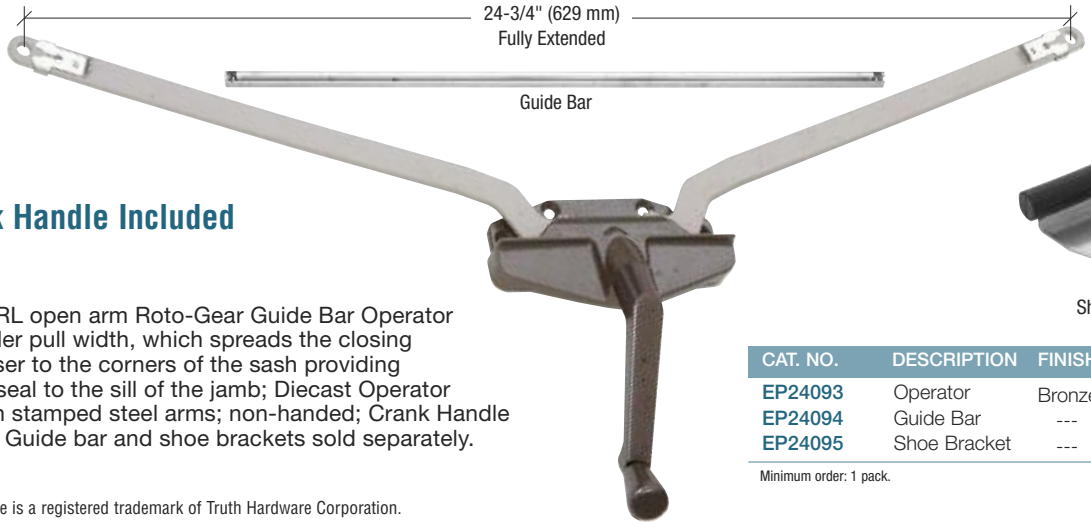
This Roto-Gear Awning Window Operator has dual pull points 9" (229 mm) apart, to provide a tighter seal, and prevent sash from warping; non-handed; Operator base and Crank Handle are made from die cast zinc; all gears and arms are made from hardened steel for a long operating life; Approximate sash opening is 14-1/2" (368 mm); Crank Handle and two sash brackets included.

- Hardened Steel Arms and Gears
- Crank Handle Included

CAT. NO.	FINISH	QTY/PKG
EP24058	Bronze	1
EP24059	White	1

Minimum order: 1 pack.

CRL Truth Roto-Gear Guide Bar Awning Operator





Shoe Bracket

- Crank Handle Included

This CRL open arm Roto-Gear Guide Bar Operator has a wider pull width, which spreads the closing force closer to the corners of the sash providing a tighter seal to the sill of the jamb; Diecast Operator body with stamped steel arms; non-handed; Crank Handle included; Guide bar and shoe brackets sold separately.

CAT. NO.	DESCRIPTION	FINISH	QTY/PKG
EP24093	Operator	Bronze	1
EP24094	Guide Bar	---	1
EP24095	Shoe Bracket	---	2

Minimum order: 1 pack.

Truth Hardware is a registered trademark of Truth Hardware Corporation.

All packs of Casement Window Hardware can be combined for quantity pricing.

CRL Truth Maxim Casement Operator

CRL now offers the sleek Truth Maxim Operator, which has been designed to reduce operating torque by as much as 33% when used in conjunction with the Truth Maxim System Hinge which is available by special order; Die cast Operator body and Crank Handle; hardened steel gears and arms. Special Maxim Steel Track and Slider Guides are stocked and sold separately. For replacement Track order Cat. No. EP27041. For replacement Stud Brackets see page DW108.

TRUTH HARDWARE

MORE CHOICES crlaurence.com

- Available With Stainless Steel Arms and Gears
- Bright White Color is Popular in Canada





CAT. NO. EP24090
Optional Sealing Gasket

Left Hand Shown

NOTE: Handing of CRL Casement Window Operators is determined by the hinged side of the window when looking from the inside out.

Dual-Arm Operator Track



DUAL-ARM OPERATOR TRACK WITH GUIDE

CAT. NO.	DESCRIPTION	QTY/PKG
EP27041	Steel Track with Guide	1
EP28017	Stainless Steel Track with Guide	1

Minimum order: 1 pack.

OPERATOR WITH HANDLE

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	MATERIAL	FINISH	QTY/PKG
EP24010	EP24022	Steel	White	1
EP24011	EP24023	Steel	Bright White	1
EP28004	EP28005	Stainless Steel	White	1

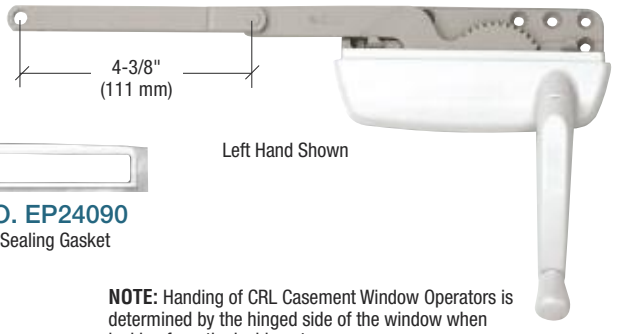
Minimum order: 1 pack.

CRL Truth Maxim Dyad Casement Operator

TRUTH HARDWARE

- Bright White Color is Popular in Canada

The Truth Maxim Dyad Casement Window Operator has the same diecast body with stamped steel arms as other Truth products. Operator comes complete with the new Maxim contoured style Crank Handle. To eliminate the need to caulk the Operator during installation, an optional Sealing Gasket Cat. No. EP24090 is available.



Left Hand Shown



CAT. NO. EP24090
Optional Sealing Gasket

NOTE: Handing of CRL Casement Window Operators is determined by the hinged side of the window when looking from the inside out.

OPERATOR WITH HANDLE

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH	QTY/PKG
EP24082	EP24083	White	1
EP24084	EP24085	Bright White	1

Minimum order: 1 pack.

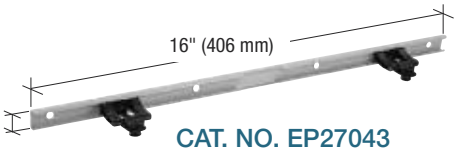
CRL Truth Maxim Awning Operator

- Also Available With Stainless Steel Arms and Gears

TRUTH HARDWARE

Truth Maxim Operators provide maximum performance to open and close large windows with 33% less effort than previous operators. These Awning Operators work with Cat. Nos. EP27043 (steel) and EP28010 (stainless steel) Tracks. For Handle options see page DW107.





CAT. NO. EP27043
Replacement Track

OPERATOR ONLY

CAT. NO.	MATERIAL	FINISH	QTY/PKG
EP27002	Steel	White	1
EP28009	Stainless Steel	White	1

Minimum order: 1 pack.

All packs of Casement Window Hardware can be combined for quantity pricing.

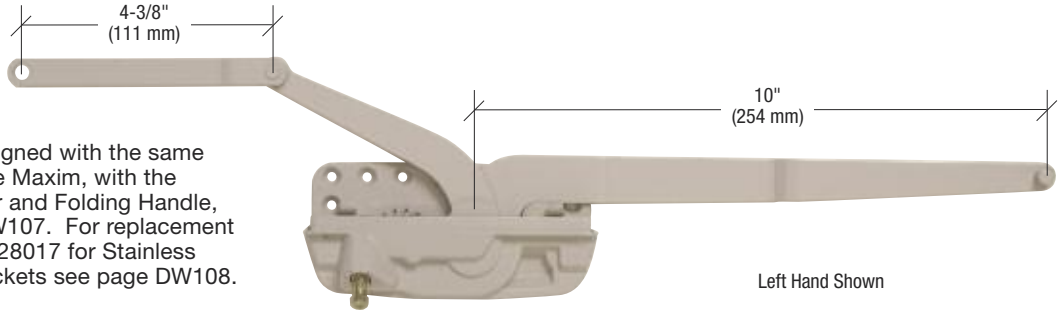
Truth Hardware is a registered trademark of Truth Hardware Corporation.

CRL Truth Encore Dual Arm Operator

MORE CHOICES crlaurence.com

TRUTH HARDWARE

- **Also Available With Stainless Steel Arms and Gears**



Left Hand Shown

Truth Encore Operators are designed with the same performance characteristics as the Maxim, with the flexibility of using a snap on Cover and Folding Handle, both sold separately, see page DW107. For replacement Track order Cat. No. EP27041 (EP28017 for Stainless Steel). For replacement Stud Brackets see page DW108.

OPERATOR ONLY

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	MATERIAL	QTY/PKG
EP27003	EP27004	Steel Arms	1
EP28002	EP28003	Stainless Steel Arms	1

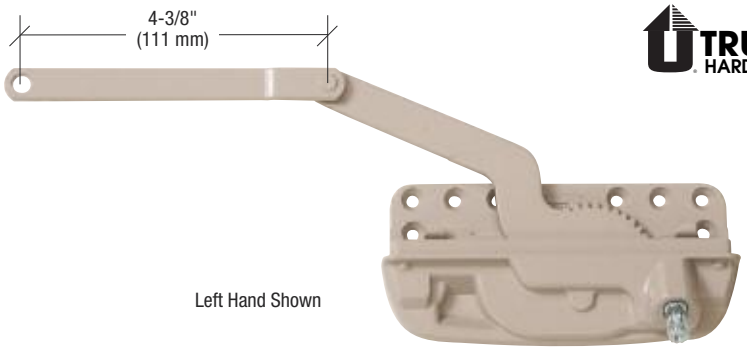
Minimum order: 1 pack.

NOTE: Handing of CRL Casement Window Operators is determined by the hinged side of the window when looking from the inside out.

CRL Truth Encore Dyad Operator

TRUTH HARDWARE

- **Also Available With Stainless Steel Arms and Gears**



Left Hand Shown

Truth Encore Operators are designed with the same performance characteristics as the Maxim, with the flexibility of using a snap on Cover and Folding Handle, both sold separately, see page DW107. For replacement Snap Stud Brackets see page DW108.

OPERATOR ONLY

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	MATERIAL	QTY/PKG
EP27005	EP27006	Steel Arms	1
EP28006	EP28007	Stainless Steel Arms	1

Minimum order: 1 pack.

NOTE: Handing of CRL Casement Window Operators is determined by the hinged side of the window when looking from the inside out.

CRL Truth Encore Awning Operator

TRUTH HARDWARE

- **Also Available With Stainless Steel Arms and Gears**



Truth Encore Awning Operators are designed with the same performance characteristics as the Maxim, with the flexibility of using a snap on Cover and Folding Handle, both DW107. For replacement Track order Cat. No. EP27043 (steel) or Cat. No. EP28010 (stainless steel) see page DW104.

OPERATOR ONLY

CAT. NO.	MATERIAL	QTY/PKG
EP27007	Steel Arms	1
EP28008	Stainless Steel Arms	1

Minimum order: 1 pack.

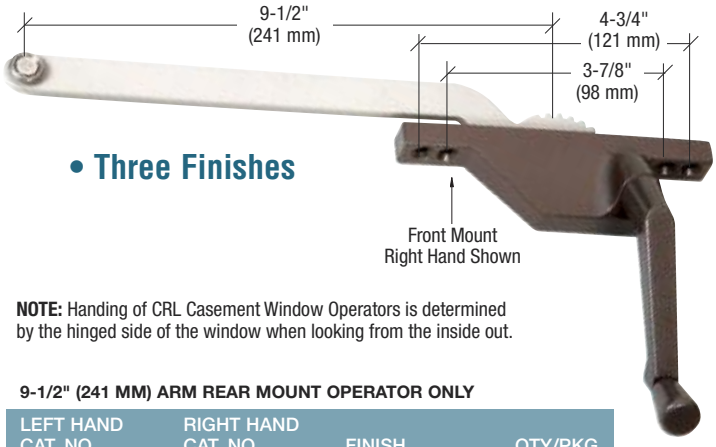
All packs of Casement Window Hardware can be combined for quantity pricing.

Truth Hardware is a registered trademark of Truth Hardware Corporation.

CRL Face Mount Single Arm Operator

• Available in Face Mount and Rear Mount

CRL Face Mount Single Arm Casement Window Operators have a zinc diecast body, and a steel arm with hardened steel gears. For replacement Track see Cat. No. EP22825 on page DW109.



• Three Finishes

NOTE: Handing of CRL Casement Window Operators is determined by the hinged side of the window when looking from the inside out.

9-1/2" (241 MM) ARM FRONT MOUNT OPERATOR WITH HANDLE

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH	QTY/PKG
EP23014	EP23017	Bronze	1
EP23016	EP23019	White	1

Minimum order: 1 pack.

9-1/2" (241 MM) ARM FRONT MOUNT OPERATOR ONLY

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH	QTY/PKG
WH30115L	WH30115R	Champagne	1

Minimum order: 1 pack.

9-1/2" (241 MM) ARM REAR MOUNT OPERATOR ONLY

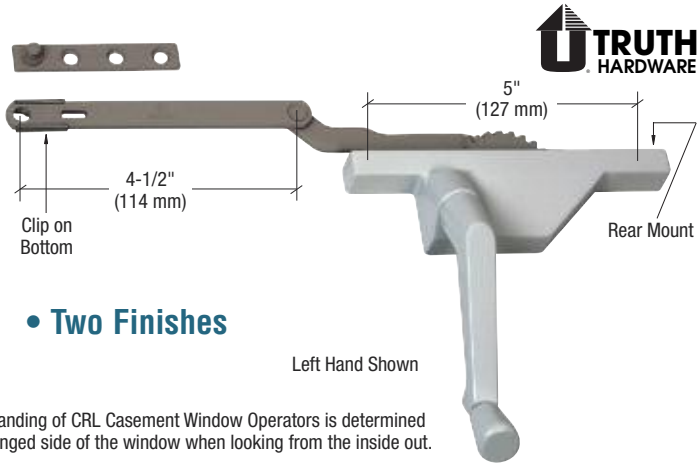
LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH	QTY/PKG
WH30015L	WH30015R	Champagne	1

Minimum order: 1 pack.

CRL Truth Face Mount Dyad Operator

• Rear Mount Only

Truth Face Mount Dyad Casement Window Operators have a die cast body. Both gear arm and link arm are flat with no offsets. Both the Stud Bracket and Crank Handle are included. For additional Stud Brackets go to **crlaurence.com/stud-brackets**.



• Two Finishes

NOTE: Handing of CRL Casement Window Operators is determined by the hinged side of the window when looking from the inside out.

REAR MOUNT OPERATOR WITH HANDLE

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH	QTY/PKG
EP23089	EP23090	Bronze	1
EP23091	EP23092	White	1

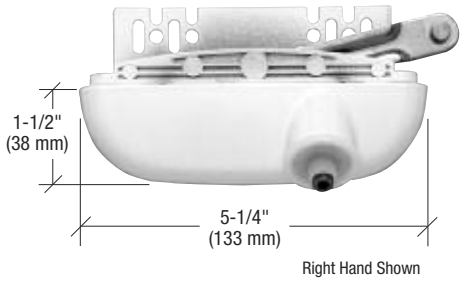
Minimum order: 1 pack.

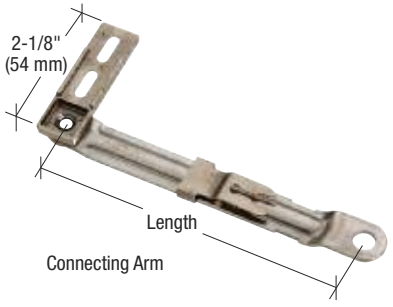
CRL Dyad Casement Operator

MORE INFORMATION crlaurence.com

• Roto-Drive System

Die cast Operator body with stamped steel arm. Standard crank handle included. Connecting Arms sold separately.





LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH	QTY/PKG
H4070	H4073	Cream	1
H4071	H4074	White	1
H4072	H4075	Almond	1

Minimum order: 1 each.

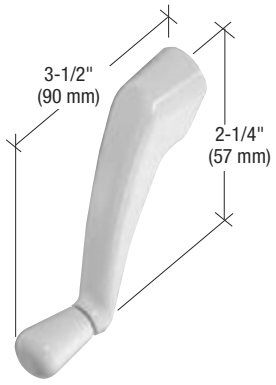
CAT. NO.	LENGTH	QTY/PKG
H4082	4-23/32" (120 mm)	1
H4083	6-5/16" (160 mm)	1

Minimum order: 1 pack.

CRL Folding Crank Handle

• Roto-Drive

Die cast Roto-Drive Folding Crank Handle has a 5/16" (8 mm) hex slot for the Dyad Operators shown at left.



CAT. NO.	FINISH	QTY/PKG
H4079	Cream	1
H4080	White	1
H4081	Almond	1

Minimum order: 1 pack.

All packs of Casement Window Hardware can be combined for quantity pricing.

Truth Hardware is a registered trademark of Truth Hardware Corporation.

CRL Truth EntryGard® Plastic Operator Cover

MORE CHOICES crlaurence.com

Plastic Operator Cover fits Truth EntryGard® Dual Arm and Dyad Casement Operators.



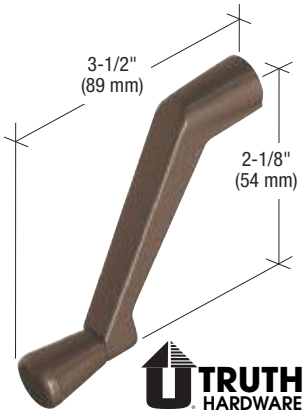
CAT. NO.	FINISH	QTY/PKG
EP21928	Bronze	1
EP21931	Coppertone	1
EP21937	White	1
EP21986	Bright Brass	1
EP21932	Gold	1
EP24075	Clay	1

Minimum order: 1 pack.

TRUTH HARDWARE

CRL Truth EntryGard® Handles

Made from die cast zinc. The 11/32" (8.7 mm) spline size will fit all Truth brand Casement Operators.



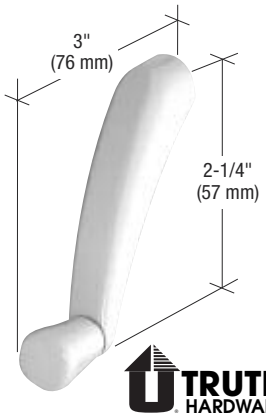
CAT. NO.	FINISH	QTY/PKG
EP21996	Bronze	1
EP21998	Coppertone	1
EP22007	White	1
EP21999	Gold	1
EP24076	Clay	1
WH24511	Aluminum	1
WH24515	Champagne	1

Minimum order: 1 pack.

TRUTH HARDWARE

CRL Truth Maxim Contour Handle

The Truth Maxim Contour diecast Crank Handle is designed to complement Maxim series Casement Operators. 11/32" (8.7 mm) spline size.



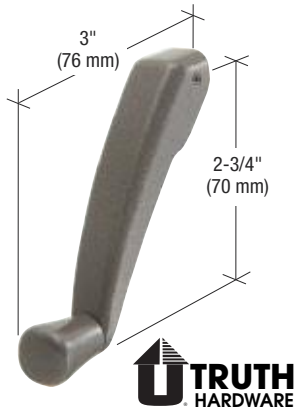
CAT. NO.	FINISH	QTY/PKG
EP24028	Bronze	1
EP24026	White	1
EP24027	Bright White	1

Minimum order: 1 pack.

TRUTH HARDWARE

CRL Truth Maxim Folding Handle

This Truth Maxim die cast Folding Crank Handle is designed to work with the Cover shown below. 11/32" (8.7 mm) spline size.



CAT. NO.	FINISH	QTY/PKG
EP22243	Bronze	1
EP24223	Beige	1
EP22253	White	1
EP24224	Bright White	1

Minimum order: 1 pack.

TRUTH HARDWARE

CRL Truth Encore Folding Handle and Cover

TRUTH HARDWARE

This Truth diecast Folding Crank Handle with plastic cover fits all Encore brand operators.



LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH	QTY/PKG
EP27029	EP27030	Bronze	1
EP27031	EP27032	Beige	1
EP27033	EP27034	White	1
EP27035	EP27036	Bright White	1

Minimum order: 1 pack.

CRL Truth Maxim Cover for Folding Handles

The Truth Maxim plastic Cover is designed for use with the Folding Handle shown above.



CAT. NO.	FINISH	QTY/PKG
EP27025	Bronze	1
EP27026	Beige	1
EP27027	White	1
EP27028	Bright White	1

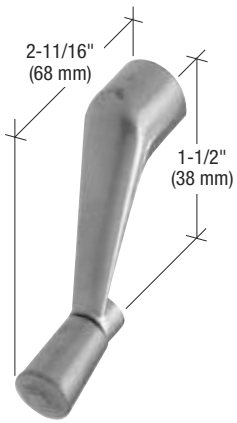
Minimum order: 1 pack.

TRUTH HARDWARE

CRL Crank Handle

- **5/16" or 3/8" Spline Size**

Die cast Crank Handle for casement window operators.



CAT. NO.	FINISH	SPLINE	QTY/PKG
H3531	Aluminum	5/16" (8 mm)	1
H3532	Bronze	5/16" (8 mm)	1
H3712	White	5/16" (8 mm)	1
H3533	Aluminum	3/8" (9.5 mm)	1
H3534	Bronze	3/8" (9.5 mm)	1
H3713	White	3/8" (9.5 mm)	1

Minimum order: 1 pack.

CRL Truth EntryGard® Folding Handle and Cover

This Truth EntryGard® Folding Handle and Cover Set fits Truth brand EntryGard® Operators. The Folding Handle is die cast zinc; the cover is plastic.



CAT. NO.	FINISH	QTY/PKG
EP24087	Bronze	1
EP24086	White	1
EP24089	Clay	1

Minimum order: 1 pack.

TRUTH HARDWARE

All packs of Casement Window Hardware can be combined for quantity pricing.

Truth Hardware and EntryGard are registered trademarks of Truth Hardware Corporation.

CRL Operator Cover



Molded plastic Covers for Cat. No. H4012 through H4020 style Andersen Casement Window Operators.

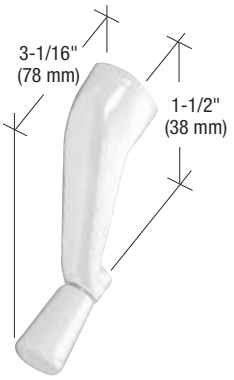
CAT. NO.	FINISH	QTY/PKG
H4028	Stone	1
H4029	White	1

Minimum order: 1 pack.

CRL Crank Handle

MORE CHOICES crlaurence.com

Diecast Crank Handle is designed to fit Andersen Casement Window Operators with a 3/8" (9.5 mm) spline size.

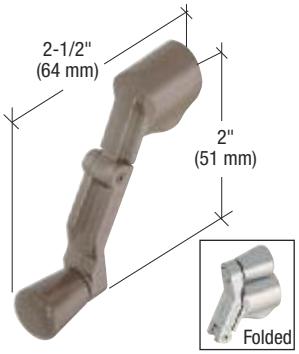


CAT. NO.	FINISH	QTY/PKG
H3966	Stone	1
H4106	White	1

Minimum order: 1 pack.

CRL Universal Folding Crank Handle

Folding die cast Crank Handle comes with a multi-fit collapsing jaw which fits the most popular casement operator sizes: 9/32", 5/16", 11/32", and 3/8" (7, 8, 8.7, and 9.5 mm), including deep Pella Brand hardware.

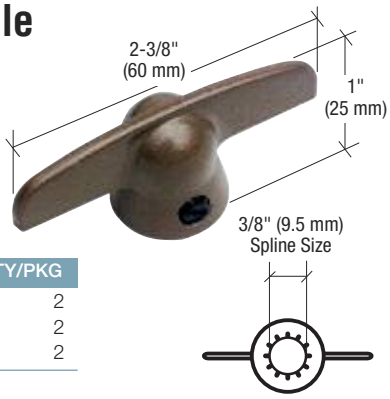


CAT. NO.	FINISH	QTY/PKG
H3959	Aluminum	1
H3960	Bronze	1
H3961	Coppertone	1
H3962	White	1

Minimum order: 1 pack.

CRL T-Crank Handle

Die cast T-Crank Handle for casement window operators; Special deep 3/8" (9.5 mm) spline fits Pella brand window hardware.

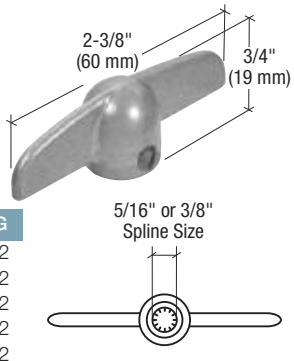


CAT. NO.	FINISH	QTY/PKG
H3814	White	2
H3813	Copper	2
H3995	Copperite	2

Minimum order: 1 pack.

CRL T-Crank Handle

Die cast T-Crank Handle for casement window operators.

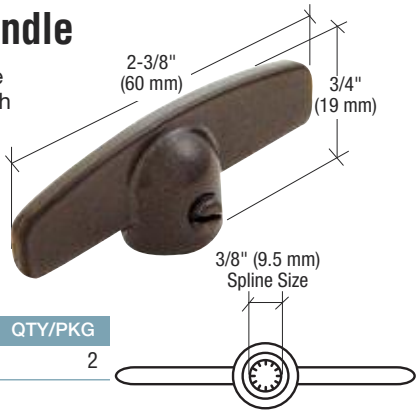


CAT. NO.	FINISH	SPLINE	QTY/PKG
H3536	Aluminum	5/16" (8 mm)	2
H3624	Bronze	5/16" (8 mm)	2
H3714	White	5/16" (8 mm)	2
H3537	Aluminum	3/8" (9.5 mm)	2
H3625	Bronze	3/8" (9.5 mm)	2
H3715	White	3/8" (9.5 mm)	2

Minimum order: 1 pack.

CRL T-Crank Handle

Die cast T-Crank Handle fits Cat. No. H3998 through H4001DU Andersen Wood Casement Window Operators.

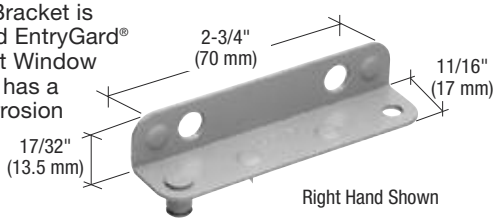


CAT. NO.	FINISH	QTY/PKG
H3808	Brown	2

Minimum order: 1 pack.

CRL Truth Dyad Stud Bracket

This Dyad Stud Bracket is used on Truth brand EntryGard® Dual Arm Casement Window Operators. Bracket has a plated finish for corrosion resistance.



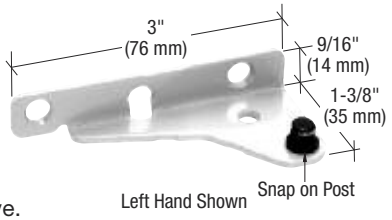
CAT. NO.	HAND	QTY/PKG
EP21926	Left Hand	1
EP21924	Right Hand	1

Minimum order: 1 pack.

TRUTH HARDWARE

CRL Truth Dyad Stud Bracket

This Dyad Snap Stud Bracket is used on Truth brand Maxim, Ellipse, and Encore style Casement Window Operators. **NOTE:** This Bracket has a snap on post with a steel retainer ring in the stud groove.



CAT. NO.	HAND	QTY/PKG
EP22021	Left Hand	1
EP22032	Right Hand	1

Minimum order: 1 pack.

TRUTH HARDWARE

All packs of Casement Window Hardware can be combined for quantity pricing.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Truth Awning Window Hinges

- **Packed One Left and One Right Hand**

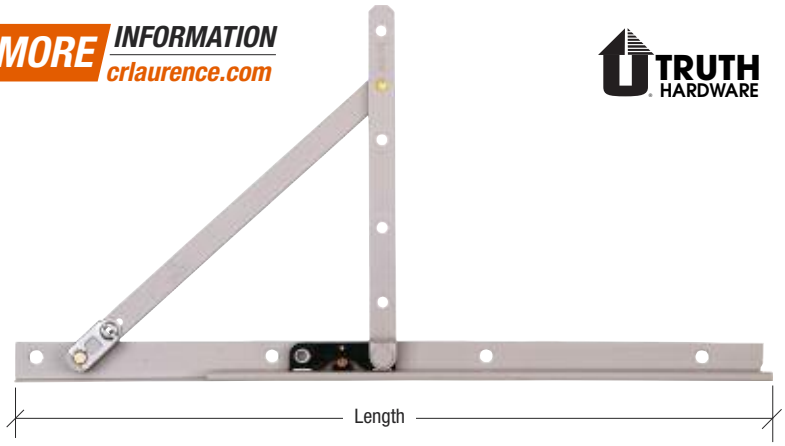
MORE INFORMATION crlaurence.com

TRUTH HARDWARE

Truth Awning Window Hinges are handed and packed one left and one right per package. Hinges have a steel bottom track with steel support arms and a plastic slide shoe. Support arm has a brass snap stud for ease in the installation and removal of sash.

CAT. NO.	LENGTH	QTY/PKG
EP24042	10" (254 mm)	1 Pair
EP23065	14" (356 mm)	1 Pair
EP23066	18" (457 mm)	1 Pair
EP23067	22" (559 mm)	1 Pair

Minimum order: 1 pair.



CRL Truth Concealed Casement Stainless Steel Hinge

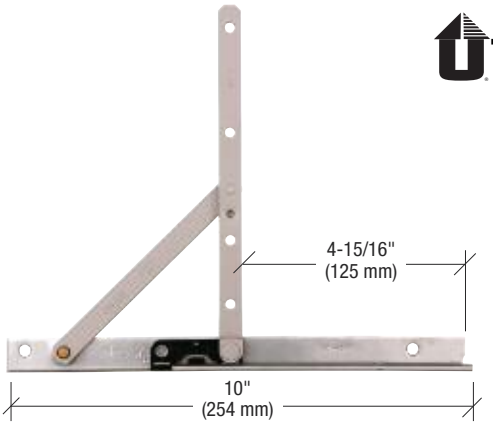
- **Packed One Left and One Right Hand**
- **Stainless Steel Track**

TRUTH HARDWARE

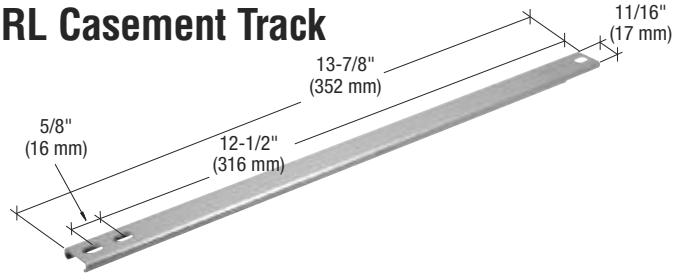
Hinges have a stainless steel bottom track with steel support arms and a plastic slide shoe. Support arm has a brass snap stud for ease in the installation and removal of sash.

CAT. NO.	LENGTH	QTY/PKG
EP23088	10" (254 mm)	1 Pair

Minimum order: 1 pair.



CRL Casement Track



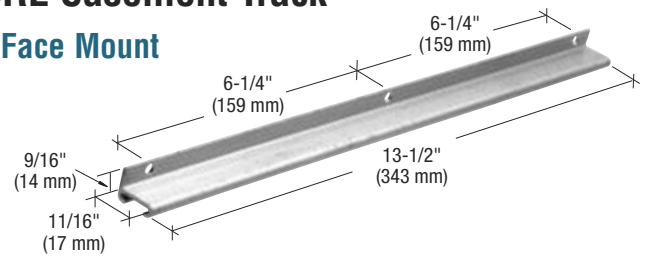
Aluminum Track for Casement Operators used on metal casement windows. For use with 5000 Series and "H" Series Operators found on page DW100.

CAT. NO.	QTY/PKG
H3529	2

Minimum order: 1 pack.

CRL Casement Track

- **Face Mount**

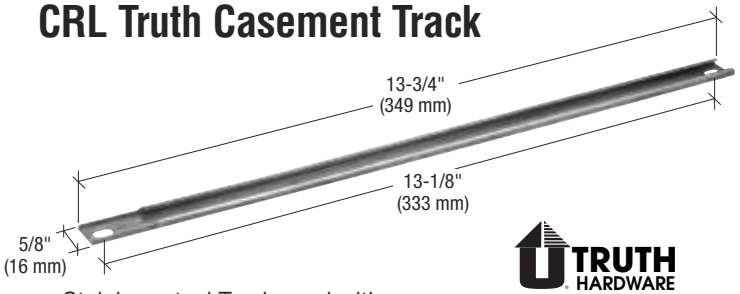


Aluminum face mount Track for Casement Operators. For use with 5000 Series and "H" Series Operators found on page DW100.

CAT. NO.	QTY/PKG
H3595	1

Minimum order: 1 pack.

CRL Truth Casement Track



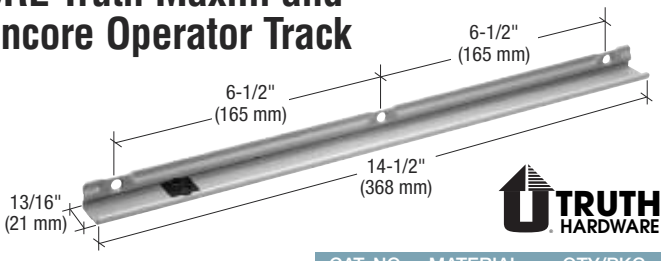
TRUTH HARDWARE

Stainless steel Track used with Casement Window Operators, Series EP23014 through EP23019, found on page DW106.

CAT. NO.	QTY/PKG
EP22825	1

Minimum order: 1 pack.

CRL Truth Maxim and Encore Operator Track



TRUTH HARDWARE

Track with Slider Guide for Maxim and Encore Casement Window Operators found on pages DW104-DW105.

CAT. NO.	MATERIAL	QTY/PKG
EP27041	Steel	1
EP28017	Stainless Steel	1

Minimum order: 1 pack.

All packs of Casement Window Hardware can be combined for quantity pricing.

Truth Hardware is a registered trademark of Truth Hardware Corporation.

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FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

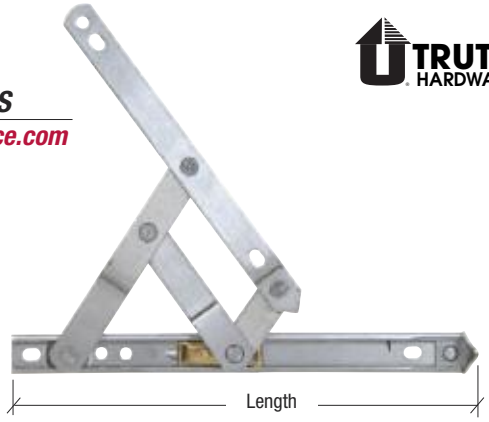
CRL US ALUMINUM

CRL Truth 4-Bar Stainless Steel Window Hinges

- **Non-Handed Standard and Heavy-Duty Models Available**
- **Sizes From 8" to 20" (203 to 508 mm)**

MORE CHOICES crlaurence.com

TRUTH HARDWARE



Truth 4-Bar Hinges are made of stainless steel. These non-handed hinges are designed for use with casement and project-out windows. Hinges have a built in stop, which prevents the sash from opening greater than 55 degrees. Hinges are designed for casement windows that have a lip on the outside edge of the sash. The 4-Bar Hinge mechanism allows the sash to project out from the frame before it pivots. Sold one hinge per package.

STANDARD DUTY HINGES

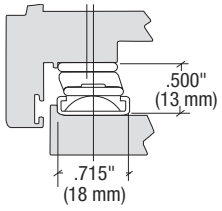
CAT. NO.	LENGTH	QTY/PKG
EP28011	8" (203 mm)	1
EP28012	10" (254 mm)	1
EP28013	12" (305 mm)	1
EP28014	14" (356 mm)	1
EP28015	16" (406 mm)	1
EP28016	20" (508 mm)	1

Minimum order: 1 pack.

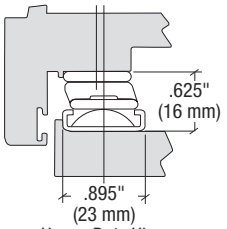
HEAVY-DUTY HINGES

CAT. NO.	LENGTH	QTY/PKG
EP28018	10" (254 mm)	1
EP28019	12" (305 mm)	1
EP28020	14" (356 mm)	1
EP28021	16" (406 mm)	1
EP28022	18" (457 mm)	1
EP28023	20" (508 mm)	1

Minimum order: 1 pack.



Standard Duty Hinge



Heavy-Duty Hinge

CRL 4-Bar Stainless Steel Window Hinges

- **Non-Handed in Standard and Heavy-Duty**

These CRL 4-Bar Standard Duty Hinges are made out of stainless steel. Non-handed hinges are designed for project-out, awning or casement windows that have a lip on the outside edge of the sash. The 4-Bar Hinge mechanism allows the sash to project out from the frame as it pivots. Sold two hinges per package.

STANDARD DUTY HINGES

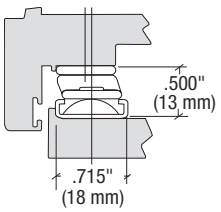
CAT. NO.	LENGTH	QTY/PKG
430108	8" (203 mm)	1 Pair
430110	10" (254 mm)	1 Pair
430112	12" (305 mm)	1 Pair
430116	16" (406 mm)	1 Pair
430120	20" (508 mm)	1 Pair

Minimum order: 1 pair.

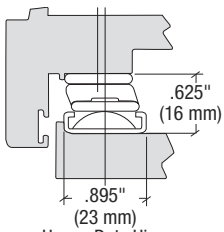
HEAVY-DUTY HINGES

CAT. NO.	LENGTH	QTY/PKG
430210	10" (254 mm)	1 Pair
430212	12" (305 mm)	1 Pair
430216	16" (406 mm)	1 Pair
430220	20" (508 mm)	1 Pair
430224	24" (610 mm)	1 Pair

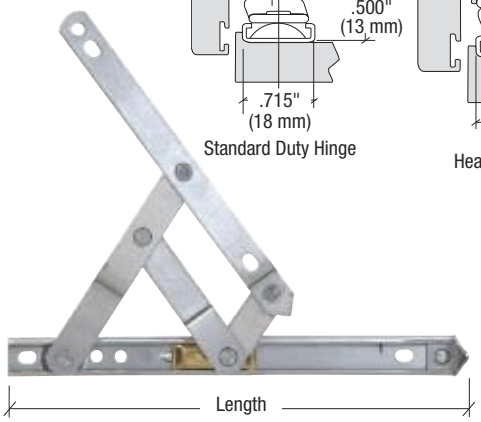
Minimum order: 1 pair.



Standard Duty Hinge



Heavy-Duty Hinge



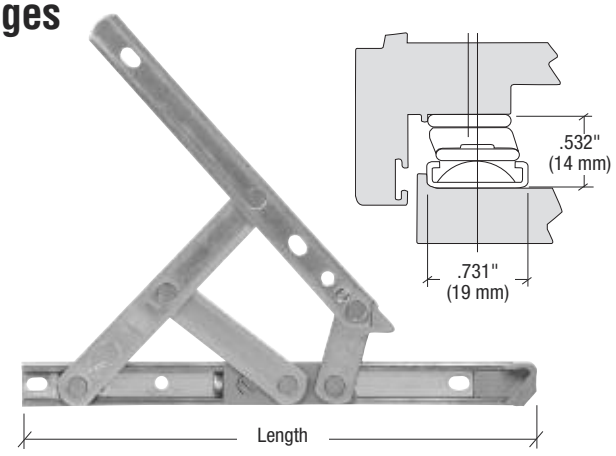
CRL 4-Bar Secure Style Casement Window Hinges

- **Hinges are Packed One Left and One Right Hand**
- **Stainless Steel**

These CRL 4-Bar friction type Casement Window Hinges are handed and packed one left and one right per package. Commonly referred to as a "Secure Style" hinge in the industry. Made of corrosion resistant stainless steel.

CAT. NO.	LENGTH	WEIGHT CAPACITY	QTY/PKG
DSH08	8" (203 mm)	26 lbs. (11.8 kg)	1 Pair
DSH10	10" (254 mm)	26 lbs. (11.8 kg)	1 Pair
DSH12	12" (305 mm)	26 lbs. (11.8 kg)	1 Pair
DSH16	16" (406 mm)	26 lbs. (11.8 kg)	1 Pair

Minimum order: 1 pair.



All packs of Casement Window Hardware can be combined for quantity pricing.

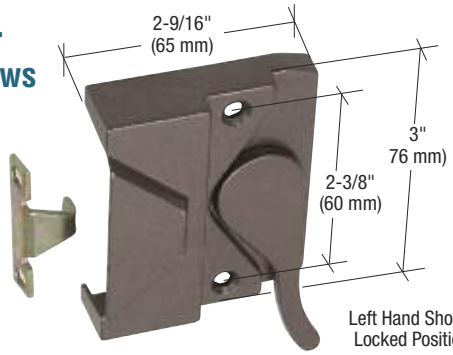
Truth Hardware is a registered trademark of Truth Hardware Corporation.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Sash Lock

- For Wood or Vinyl Windows
- Keepers Included

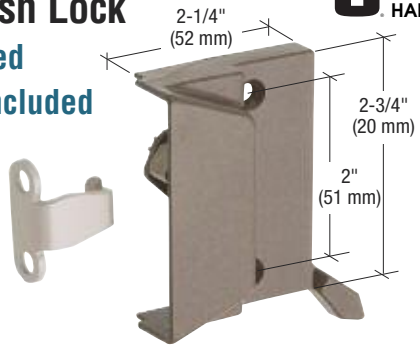


LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH	QTY/PKG
H3572	H3573	Bronze	1
H3951	H3953	White	1

Minimum order: 1 pack.

CRL Truth Low Profile Sash Lock

- Non-Handed
- Keepers Included

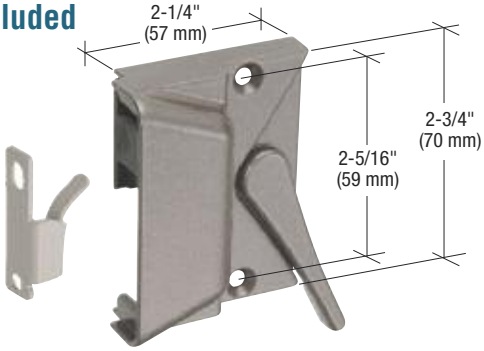


CAT. NO.	FINISH	QTY/PKG
EP23053	Bronze	1
EP23054	Coppertone	1
EP23056	White	1

Minimum order: 1 pack.

CRL Truth Sash Lock

- Left and Right Handed Keepers Included

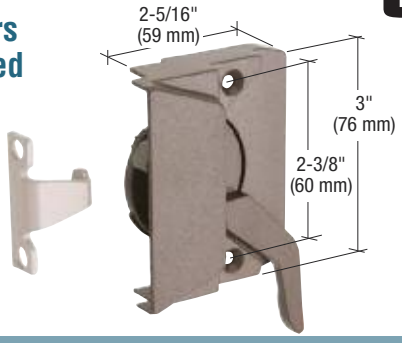


CAT. NO.	FINISH	QTY/PKG
EP24152	Bronze	1
EP24153	White	1

Minimum order: 1 pack. .

CRL Truth Sash Lock

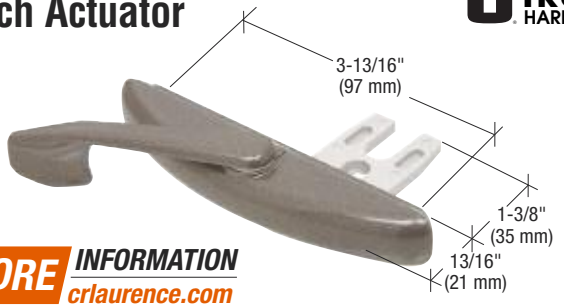
- Keepers Included



LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH	QTY/PKG
EP23044	EP23048	Bronze	1
EP23045	EP23049	Coppertone	1
EP23047	EP23051	White	1
EP24005	EP24006	Gold	1

Minimum order: 1 pack.

CRL Truth Multi-Point Latch Actuator

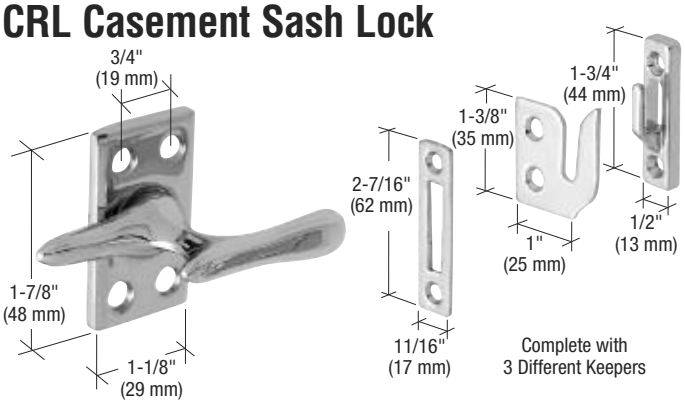


MORE INFORMATION crlaurence.com

CAT. NO.	FINISH	QTY/PKG
WH12411	Aluminum	1
WH12422	Bronze	1

Minimum order: 1 pack.

CRL Casement Sash Lock



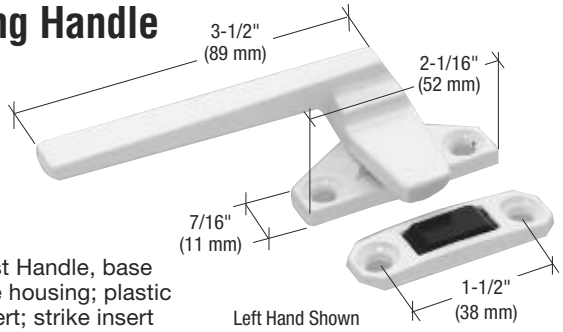
CAT. NO.	FINISH	QTY/PKG
H3553	Brass	1
H3683	Antique Brass	1
H3684	Chrome	1

Minimum order: 1 pack.

All packs of Casement Window Hardware can be combined for quantity pricing.

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CRL Casement Locking Handle

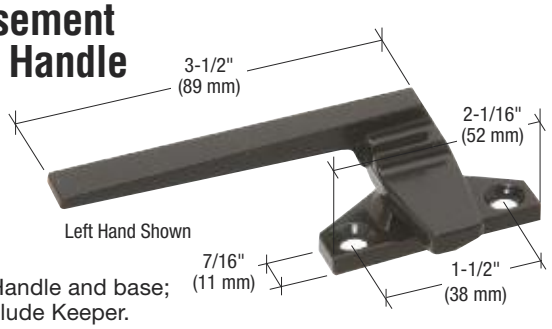


Die cast Handle, base and strike housing; plastic strike insert; strike insert height .276" (7 mm).

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH	QTY/PKG
H3596	H3597	Aluminum	1
H3598	H3599	Bronze	1
H3820	H3821	White	1

Minimum order: 1 pack.

CRL Casement Locking Handle

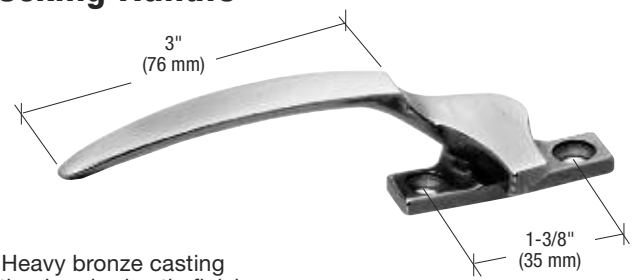


Die cast Handle and base; does not include Keeper.

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH	QTY/PKG
WH24033L	WH24033R	Black	1
DS2529BRW	DS2530BRW	Brown	1
DS2529W	DS2530W	Bright White	1
WH24011L	WH24011R	Aluminum	1
WH24015L	WH24015R	Champagne	1
WH24022L	WH24022R	Bronze	1

Minimum order: 1 pack.

CRL Casement Locking Handle

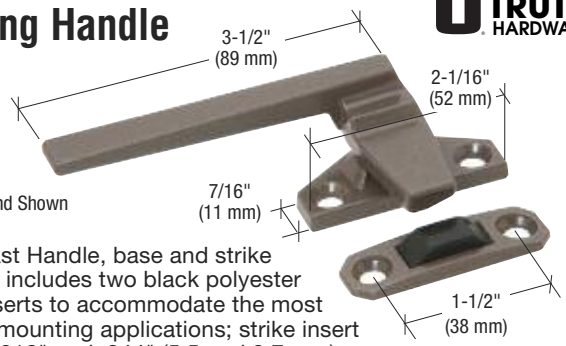


Heavy bronze casting with a brushed satin finish; 5/16" tongue clearance.

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	QTY/PKG
H3602	H3603	1

Minimum order: 1 pack.

CRL Truth Casement Locking Handle



Die cast Handle, base and strike housing; includes two black polyester strike inserts to accommodate the most popular mounting applications; strike insert heights .218" and .344" (5.5 and 8.7 mm).

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH	QTY/PKG
EP23057	EP23058	Bronze	1
EP23059	EP23060	White	1

Minimum order: 1 pack.

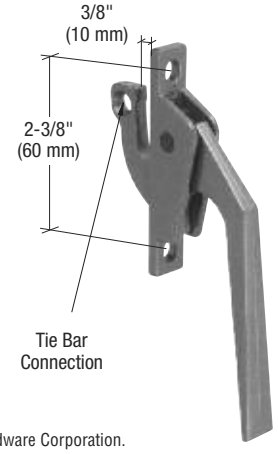
CRL Truth Casement Locking Handle

Die cast Locking Handle designed to be used with or without a multi-point tie bar; non-handed.

MORE CHOICES crlaurence.com

CAT. NO.	FINISH	QTY/PKG
EP20449	Chestnut Bronze	1
EP20451	White	1
WH41215	Champagne	1

Minimum order: 1 pack.

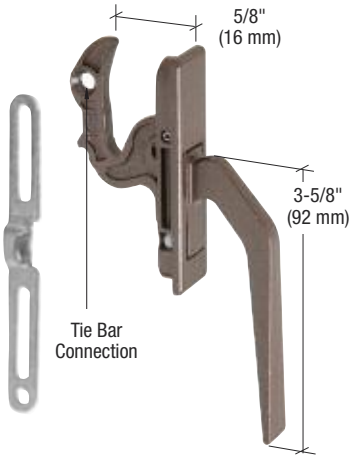


CRL Truth Casement Locking Handle

Die cast Locking Handle designed to be used with or without a multi-point tie bar; face mount with rear threaded mounting holes 2-1/2" (63.5 mm) center-to-center; includes matching stamped steel keeper.

CAT. NO.	FINISH	QTY/PKG
EP23093	Chestnut Bronze	1
EP23100	Coppertone	1
EP23094	White	1

Minimum order: 1 pack.

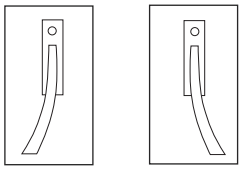


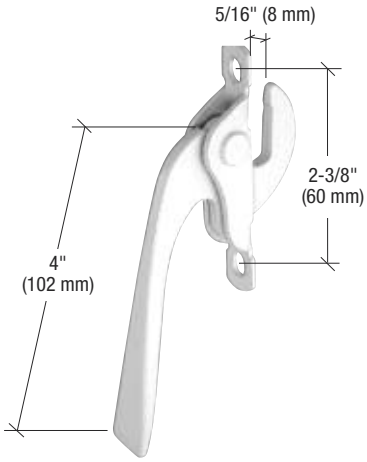
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All packs of Casement Window Hardware can be combined for quantity pricing.

CRL Casement Locking Handle

Die cast Locking Handle with a painted finish; used on aluminum and steel framed casement windows.





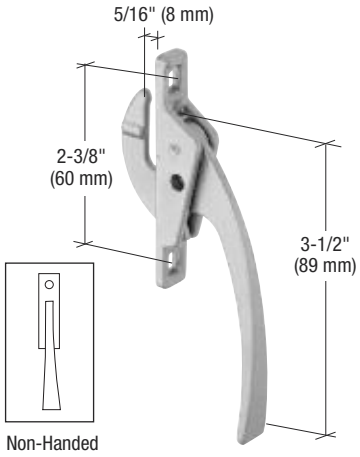
LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH	QTY/PKG
H3541	H3542	Aluminum	1
H3543	H3544	Bronze	1
H3717	H3718	White	1

Minimum order: 1 pack.

CRL Casement Locking Handle

Die cast Locking Handle with a painted finish; non-handed; used on aluminum and steel framed casement windows; latch and base have a thru-hole for an optional 1/8" (3.2 mm) diameter security pin.

MORE CHOICES crlaurence.com



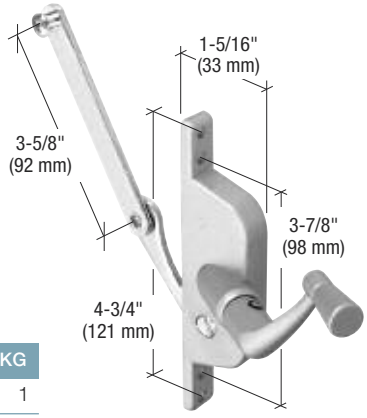
CAT. NO.	FINISH	QTY/PKG
H3539	Aluminum	1
H3540	Bronze	1
H3716	White	1

Minimum order: 1 pack.

CRL Louver Window Operator

• Non-Handed

This CRL Louver Window Operator is non-handed and has an aluminum finish. The 3-5/8" (92 mm) flat arm has a 1/4" (6 mm) O.D., #6-32 threaded bushing. Complete with Standard Crank Handle.



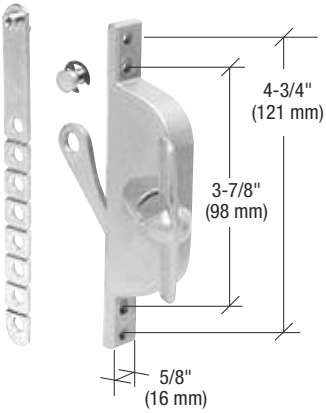
CAT. NO.	FINISH	QTY/PKG
H3548	Aluminum	1

Minimum order: 1 pack.

CRL Louver "Break-Off" Window Operator

• Non-Handed

The CRL die cast Louver Window Operator comes in three popular finishes. Link arm has break-a-way segments in 1/2" increments to accommodate applications up to 5-5/16" (135 mm) long. Complete with a T-Crank Handle.



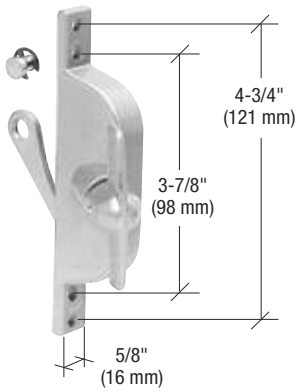
CAT. NO.	FINISH	QTY/PKG
H3546	Aluminum	1
H3547	Bronze	1
H3818	White	1

Minimum order: 1 pack.

CRL Louver Window Operator

• Non-Handed

The CRL die cast Louver Window Operator comes in three popular finishes. Package includes three arms in the most popular sizes to accommodate various on site job applications. Complete with a T-Crank Handle.





CAT. NO.	FINISH	QTY/PKG
H3557	Aluminum	1
H3558	Bronze	1
H3819	White	1

Minimum order: 1 pack.

CRL Transom Pole and Hook



CAT. NO.	LENGTH
118A	82" (2.1 m)

Minimum order: 1 each.

Heavy bronze casting hook, mounted on a 3/4" (19 mm) diameter aluminum pole.

CRL Transom Pole Hook

Heavy bronze casting, female hook for 3/4" (19 mm) diameter poles. Brushed satin finish.



CAT. NO.	QTY/PKG
H3662	1

Minimum order: 1 pack.

All packs of Casement Window Hardware can be combined for quantity pricing.

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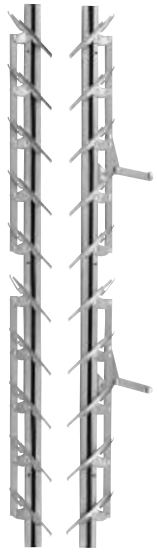
CRL Louver Strip Hardware

- For Use With 3/16" Thick x 4" Wide (5 x 102 mm) Glass



CAT. NO.	LENGTH	BLADES	OPERATORS
JSH18	18" (457 mm)	5	1
JSH24	24" (610 mm)	7	1
JSH30	30" (762 mm)	8	1
JSH36	36" (915 mm)	10	2
JSH48	48" (1220 mm)	13	2
JSH54	54" (1372 mm)	15	2
JSH60	60" (1524 mm)	17	2

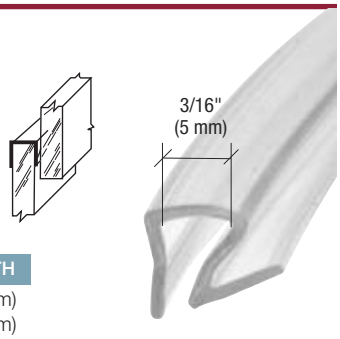
Minimum order: 1 pair. Sizes can be combined for quantity pricing.



CAT. NO.
JSH36
Shown

CRL Louver Window Clear Vinyl

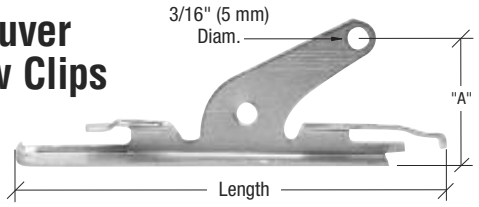
- Seals Windows From Drafts



CAT. NO.	ROLL LENGTH
1420C	100' (30.5 m)
1420B	1000' (305 m)

Minimum order: 1 roll.

CRL Louver Window Clips

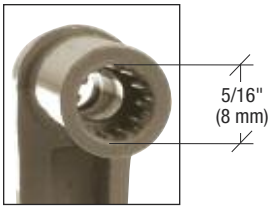


CAT. NO.	LENGTH	"A"	QTY/PKG
WCM100	4" (102 mm)	1-3/16" (30.2 mm)	1 Pair
WCM120	4-1/2" (114 mm)	1-3/8" (35 mm)	1 Pair

Minimum order: 1 pack.

CRL RV Window Crank Handle

- Injected High Impact Plastic



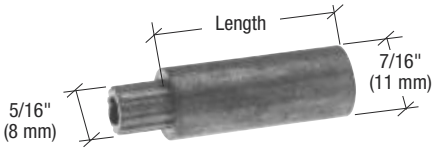


MORE CHOICES
crlaurence.com

CAT. NO.	LENGTH	QTY/PKG
R7000	13/16" (21 mm)	2
R7001	1-3/4" (45 mm)	2
R7002	2-1/8" (54 mm)	2
R7003	3-1/8" (79 mm)	2

Minimum order: 1 pack.

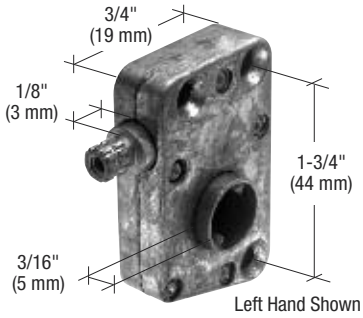
CRL Window Crank Handle Extension



CAT. NO.	LENGTH	QTY/PKG
R7013	1-1/8" (29 mm)	2
R7014	2" (51 mm)	2

Minimum order: 1 pack.

CRL Window Slant Sill Operator

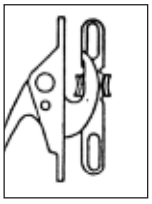


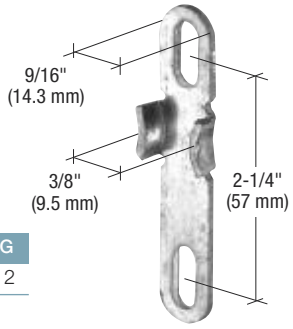
Left Hand Shown

CAT. NO.	DESCRIPTION
R7020	Left Hand
R7021	Right Hand

Minimum order: 1 pack.

CRL Aluminum Casement Latch Keeper



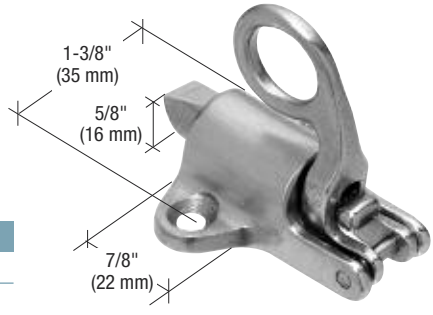


CAT. NO.	QTY/PKG
H3545	2

Minimum order: 1 pack.

CRL Transom Latch Catch

- Heavy Bronze Casting



CAT. NO.	QTY/PKG
H3610	1

Minimum order: 1 pack.

All packs of Louver Window Hardware can be combined for quantity pricing.

CRL Window Channel Sash Balances

MORE INFORMATION crlaurence.com

• Measures 5/8" (16 mm) Depth, but Referred to as 1/2" (13 mm) in the Trade

Shown below is a CRL FA Series Window Channel Sash Balance. Please note the way the cord comes out of the open side of the U-Channel and has a flat hook attached. This type of Balance is mounted vertically in the window jamb between the jamb and the sash on windows that do not tilt-in at the top of the sash.

Ordering Tips for FA Series Sash Balances

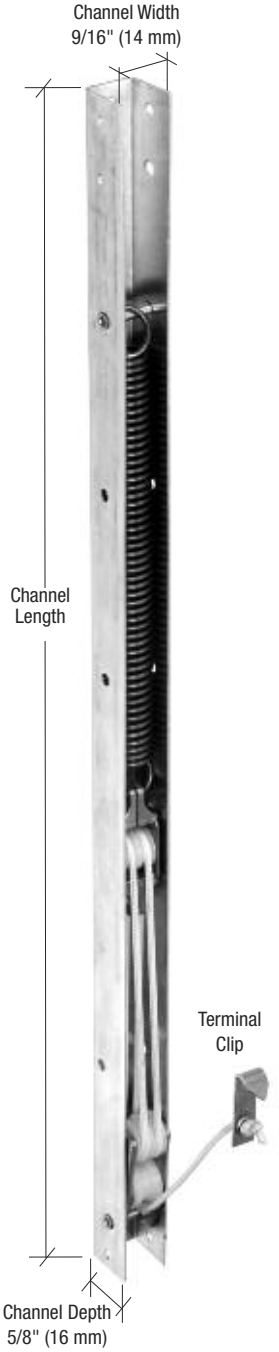
Remove the existing Channel Balance from the window. Measure the length of the metal channel only. Do not include the Guides. This measurement should be at full inch increments. **NOTE:** There have been a few window manufacturers that have used special 1/2" increment channel lengths. These Channel Balances are not stocked, however they can be special ordered.

Always look for the stamped or laser etched number on the back of the Channel Balance. This number will either be four numbers or three numbers. For example: 2710 or 27-1.

Using the numbers on the back of the Channel Balance, refer to the chart. If you have a full 18" (457 mm) length channel, and the corresponding number on the back of the Channel Balance is 1710 or 17-1, the corresponding CRL Cat. No. is FA1710.

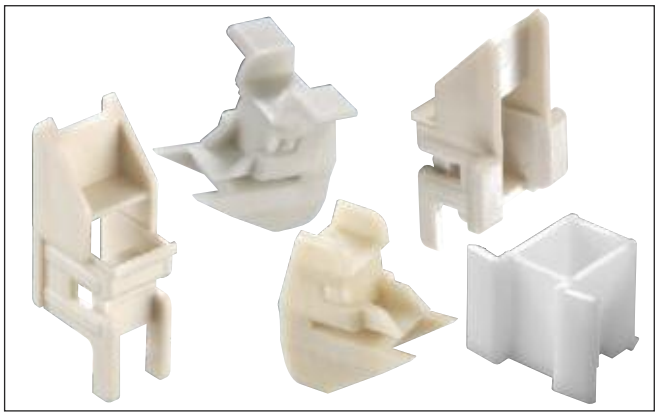
If you have a full 27" length channel, and the number on the back of the Channel Balance is 2610 or 26-1, the corresponding Cat. No. is FA2610. The chart also includes a vent weight range. This range indicates the amount of sash weight that a pair of Channel Balances will hold. This range does not account for any excessive weatherstrip friction. **NOTE:** The weight range chart should be used for reference only, or if the stamped number is too difficult to read.

Special weight range Channel Balances are available by special order. The standard balance chart shows stocked weight ranges from FA1210 to FA4240. The 10, 20, 30, 40 and 50 represents the counter-balance weight designation. If your Channel Balance has a stamped number 90, instead of the five weight ranges listed above (for example: 2790-26) this Channel Balance was made specifically to carry a 26-pound sash weight per pair of Balances. If your Channel Balance has a "DS" after the length, for example 27DS-34, this pair of Channel Balances was made specifically to carry a 34-pound sash weight. These special weight Channel Balances are sometimes designed specifically for upper or lower sashes only. This information will need to be provided at time of order.



• 10, 20, 30, 40, and 50 Weight Range Balances in Lengths From 13" to 42" (330 to 1067 mm)

Each FA Series Window Channel Sash Balance requires one of several types of Nylon Guides to be riveted onto the top and bottom of the channel. Customers can either order Channel Balances with Guides pre-attached by adding an "A" after the guide set number, or can order Guide Kits, with rivets included, and mount the Guides themselves. CRL also offers the handy Cat. No. H3740 Rivet Set Tool (see page DW117), which mushrooms the rivet, giving it a very strong set.



FA SERIES 10/1 WEIGHT RANGE SASH BALANCES

CAT. NO.	NUMBER STAMPED ON BALANCE	CHANNEL LENGTH INCHES (MM)	VENT WEIGHT RANGE POUNDS (KG)
FA1210	1210 or 12-1	13" (330)	3 - 6 (1.3 - 2.7)
FA1310	1310 or 13-1	14" (356)	3 - 6 (1.3 - 2.7)
FA1410	1410 or 14-1	15" (381)	4 - 6 (1.8 - 2.7)
FA1510	1510 or 15-1	16" (406)	4 - 6 (1.8 - 2.7)
FA1610	1610 or 16-1	17" (432)	5 - 8 (2.2 - 3.6)
FA1710	1710 or 17-1	18" (457)	5 - 8 (2.2 - 3.6)
FA1810	1810 or 18-1	19" (483)	5 - 8 (2.2 - 3.6)
FA1910	1910 or 19-1	20" (508)	5 - 8 (2.2 - 3.6)
FA2010	2010 or 20-1	21" (533)	5 - 8 (2.2 - 3.6)
FA2110	2110 or 21-1	22" (559)	5 - 8 (2.2 - 3.6)
FA2210	2210 or 22-1	23" (584)	5 - 8 (2.2 - 3.6)
FA2310	2310 or 23-1	24" (610)	5 - 9 (2.2 - 4.1)
FA2410	2410 or 24-1	25" (635)	5 - 9 (2.2 - 4.1)
FA2510	2510 or 25-1	26" (660)	5 - 9 (2.2 - 4.1)
FA2610	2610 or 26-1	27" (686)	5 - 9 (2.2 - 4.1)
FA2710	2710 or 27-1	28" (711)	5 - 9 (2.2 - 4.1)
FA2810	2810 or 28-1	29" (737)	7 - 12 (3.2 - 5.4)
FA2910	2910 or 29-1	30" (762)	7 - 12 (3.2 - 5.4)
FA3010	3010 or 30-1	31" (787)	7 - 12 (3.2 - 5.4)
FA3110	3110 or 31-1	32" (813)	7 - 12 (3.2 - 5.4)
FA3210	3210 or 32-1	33" (838)	8 - 13 (3.6 - 5.9)
FA3310	3310 or 33-1	34" (864)	8 - 13 (3.6 - 5.9)
FA3410	3410 or 34-1	35" (889)	8 - 13 (3.6 - 5.9)
FA3510	3510 or 35-1	36" (914)	8 - 13 (3.6 - 5.9)
FA3610	3610 or 36-1	37" (940)	8 - 13 (3.6 - 5.9)
FA3710	3710 or 37-1	38" (965)	8 - 13 (3.6 - 5.9)
FA3810	3810 or 38-1	39" (991)	9 - 14 (4.1 - 6.3)
FA3910	3910 or 39-1	40" (1016)	9 - 14 (4.1 - 6.3)
FA4010	4010 or 40-1	41" (1041)	9 - 14 (4.1 - 6.3)
FA4110	4110 or 41-1	42" (1067)	9 - 14 (4.1 - 6.3)

Minimum order: 1 pack. All Sash Balances can be combined for quantity pricing.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL Window Channel Sash Balances

- Measures 5/8" (16 mm) Depth, but Referred to as 1/2" (13 mm) in the Trade

FA SERIES 20/2 WEIGHT RANGE SASH BALANCES

CAT. NO.	NUMBER STAMPED ON BALANCE	CHANNEL LENGTH INCHES (MM)	VENT WEIGHT RANGE POUNDS (KG)
FA1220	1220 or 12-2	13" (330)	6 - 9 (2.7 - 4.1)
FA1320	1320 or 13-2	14" (356)	6 - 9 (2.7 - 4.1)
FA1420	1420 or 14-2	15" (381)	6 - 10 (2.7 - 4.5)
FA1520	1520 or 15-2	16" (406)	6 - 10 (2.7 - 4.5)
FA1620	1620 or 16-2	17" (432)	8 - 12 (3.6 - 5.4)
FA1720	1720 or 17-2	18" (457)	8 - 12 (3.6 - 5.4)
FA1820	1820 or 18-2	19" (483)	8 - 12 (3.6 - 5.4)
FA1920	1920 or 19-2	20" (508)	8 - 12 (3.6 - 5.4)
FA2020	2020 or 20-2	21" (533)	8 - 12 (3.6 - 5.4)
FA2120	2120 or 21-2	22" (559)	8 - 12 (3.6 - 5.4)
FA2220	2220 or 22-2	23" (584)	8 - 12 (3.6 - 5.4)
FA2320	2320 or 23-2	24" (610)	9 - 15 (4.1 - 6.8)
FA2420	2420 or 24-2	25" (635)	9 - 15 (4.1 - 6.8)
FA2520	2520 or 25-2	26" (660)	9 - 15 (4.1 - 6.8)
FA2620	2620 or 26-2	27" (686)	9 - 13 (4.1 - 5.9)
FA2720	2720 or 27-2	28" (711)	9 - 13 (4.1 - 5.9)

CAT. NO.	NUMBER STAMPED ON BALANCE	CHANNEL LENGTH INCHES (MM)	VENT WEIGHT RANGE POUNDS (KG)
FA2820	2820 or 28-2	29" (737)	12 - 16 (5.4 - 7.2)
FA2920	2920 or 29-2	30" (762)	12 - 16 (5.4 - 7.2)
FA3020	3020 or 30-2	31" (787)	12 - 16 (5.4 - 7.2)
FA3120	3120 or 31-2	32" (813)	12 - 16 (5.4 - 7.2)
FA3220	3220 or 32-2	33" (838)	13 - 18 (5.9 - 8.2)
FA3320	3320 or 33-2	34" (864)	13 - 18 (5.9 - 8.2)
FA3420	3420 or 34-2	35" (889)	13 - 18 (5.9 - 8.2)
FA3520	3520 or 35-2	36" (914)	13 - 18 (5.9 - 8.2)
FA3620	3620 or 36-2	37" (940)	13 - 18 (5.9 - 8.2)
FA3720	3720 or 37-2	38" (965)	13 - 18 (5.9 - 8.2)
FA3820	3820 or 38-2	39" (991)	14 - 19 (6.3 - 8.6)
FA3920	3920 or 39-2	40" (1016)	14 - 19 (6.3 - 8.6)
FA4020	4020 or 40-2	41" (1041)	14 - 19 (6.3 - 8.6)
FA4120	4120 or 41-2	42" (1067)	14 - 19 (6.3 - 8.6)
FA4220	4220 or 42-2	43" (1092)	14 - 19 (6.3 - 8.6)

FA SERIES 30/3 WEIGHT RANGE SASH BALANCES

MORE CHOICES crlaurence.com

CAT. NO.	NUMBER STAMPED ON BALANCE	CHANNEL LENGTH INCHES (MM)	VENT WEIGHT RANGE POUNDS (KG)
FA1230	1230 or 12-3	13" (330)	9 - 11 (4.1 - 5.0)
FA1330	1330 or 13-3	14" (356)	9 - 11 (4.1 - 5.0)
FA1430	1430 or 14-3	15" (381)	10 - 12 (4.5 - 5.4)
FA1530	1530 or 15-3	16" (406)	10 - 12 (4.5 - 5.4)
FA1630	1630 or 16-3	17" (432)	12 - 14 (5.4 - 6.3)
FA1730	1730 or 17-3	18" (457)	12 - 14 (5.4 - 6.3)
FA1830	1830 or 18-3	19" (483)	12 - 14 (5.4 - 6.3)
FA1930	1930 or 19-3	20" (508)	12 - 14 (5.4 - 6.3)
FA2030	2030 or 20-3	21" (533)	12 - 15 (5.4 - 6.8)
FA2130	2130 or 21-3	22" (559)	12 - 15 (5.4 - 6.8)
FA2230	2230 or 22-3	23" (584)	12 - 19 (5.4 - 8.6)
FA2330	2330 or 23-3	24" (610)	15 - 18 (6.8 - 8.2)
FA2430	2430 or 24-3	25" (635)	15 - 19 (6.8 - 8.6)
FA2530	2530 or 25-3	26" (660)	15 - 19 (6.8 - 8.6)
FA2630	2630 or 26-3	27" (686)	13 - 19 (5.9 - 8.6)
FA2730	2730 or 27-3	28" (711)	13 - 19 (5.9 - 8.6)

CAT. NO.	NUMBER STAMPED ON BALANCE	CHANNEL LENGTH INCHES (MM)	VENT WEIGHT RANGE POUNDS (KG)
FA2830	2830 or 28-3	29" (737)	16 - 23 (7.2 - 10.4)
FA2930	2930 or 29-3	30" (762)	16 - 23 (7.2 - 10.4)
FA3030	3030 or 30-3	31" (787)	16 - 23 (7.2 - 10.4)
FA3130	3130 or 31-3	32" (813)	16 - 23 (7.2 - 10.4)
FA3230	3230 or 32-3	33" (838)	18 - 23 (8.2 - 10.4)
FA3330	3330 or 33-3	34" (864)	18 - 23 (8.2 - 10.4)
FA3430	3430 or 34-3	35" (889)	18 - 23 (8.2 - 10.4)
FA3530	3530 or 35-3	36" (914)	18 - 23 (8.2 - 10.4)
FA3630	3630 or 36-3	37" (940)	18 - 23 (8.2 - 10.4)
FA3730	3730 or 37-3	38" (965)	18 - 23 (8.2 - 10.4)
FA3830	3830 or 38-3	39" (991)	19 - 24 (8.6 - 10.9)
FA3930	3930 or 39-3	40" (1016)	19 - 24 (8.6 - 10.9)
FA4030	4030 or 40-3	41" (1041)	19 - 23 (8.6 - 10.4)
FA4230	4230 or 42-3	43" (1092)	19 - 24 (8.6 - 10.9)

FA SERIES 40/4 AND 50/5 WEIGHT RANGE SASH BALANCES

CAT. NO.	NUMBER STAMPED ON BALANCE	CHANNEL LENGTH INCHES (MM)	VENT WEIGHT RANGE POUNDS (KG)
FA1240	1240 or 12-4	13" (330)	11 - 12 (5.0 - 5.4)
FA1340	1340 or 13-4	14" (356)	11 - 12 (5.0 - 5.4)
FA1440	1440 or 14-4	15" (381)	12 - 13 (5.4 - 5.9)
FA1540	1540 or 15-4	16" (406)	12 - 13 (5.4 - 5.9)
FA1640	1640 or 16-4	17" (432)	14 - 19 (6.3 - 8.6)
FA1740	1740 or 17-4	18" (457)	14 - 17 (6.3 - 7.7)
FA1840	1840 or 18-4	19" (483)	14 - 17 (6.3 - 7.7)
FA1940	1940 or 19-4	20" (508)	14 - 17 (6.3 - 7.7)
FA2040	2040 or 20-4	21" (533)	15 - 23 (6.8 - 10.4)
FA2140	2140 or 21-4	22" (559)	15 - 23 (6.8 - 10.4)
FA2240	2240 or 22-4	23" (584)	19 - 23 (8.6 - 10.4)
FA2340	2340 or 23-4	24" (610)	18 - 23 (8.2 - 10.4)
FA2440	2440 or 24-4	25" (635)	19 - 24 (8.6 - 10.9)
FA2540	2540 or 25-4	26" (660)	19 - 25 (8.6 - 11.3)
FA2640	2640 or 26-4	27" (686)	19 - 26 (8.6 - 11.8)
FA2650	2650 or 26-5	27" (686)	26 - 28 (11.8 - 12.7)
FA2740	2740 or 27-4	28" (711)	19 - 26 (8.6 - 11.8)
FA2840	2840 or 28-4	29" (737)	23 - 28 (10.4 - 12.7)
FA2850	2850 or 28-5	29" (737)	28 - 32 (12.7 - 14.5)

CAT. NO.	NUMBER STAMPED ON BALANCE	CHANNEL LENGTH INCHES (MM)	VENT WEIGHT RANGE POUNDS (KG)
FA2940	2940 or 29-4	30" (762)	23 - 28 (10.4 - 12.7)
FA2950	2950 or 29-5	30" (762)	28 - 32 (12.7 - 14.5)
FA3040	3040 or 30-4	31" (787)	23 - 28 (10.4 - 12.7)
FA3050	3050 or 30-5	31" (787)	28 - 32 (12.7 - 14.5)
FA3140	3140 or 31-4	32" (813)	23 - 28 (10.4 - 12.7)
FA3150	3150 or 31-5	32" (813)	28 - 32 (12.7 - 14.5)
FA3240	3240 or 32-4	33" (838)	23 - 28 (10.4 - 12.7)
FA3250	3250 or 32-5	33" (838)	28 - 32 (12.7 - 14.5)
FA3340	3340 or 33-4	34" (864)	23 - 28 (10.4 - 12.7)
FA3350	3350 or 33-5	34" (864)	28 - 32 (12.7 - 14.5)
FA3440	3440 or 34-4	35" (889)	23 - 30 (10.4 - 13.6)
FA3540	3540 or 35-4	36" (914)	23 - 30 (10.4 - 13.6)
FA3640	3640 or 36-4	37" (940)	23 - 30 (10.4 - 13.6)
FA3740	3740 or 37-4	38" (965)	23 - 30 (10.4 - 13.6)
FA3840	3840 or 38-4	39" (991)	24 - 30 (10.9 - 13.6)
FA3940	3940 or 39-4	40" (1016)	24 - 30 (10.9 - 13.6)
FA4040	4040 or 40-4	41" (1041)	23 - 30 (10.4 - 13.6)
FA4140	4140 or 41-4	42" (1067)	24 - 30 (10.9 - 13.6)
FA4240	4240 or 42-4	43" (1092)	24 - 30 (10.9 - 13.6)

Minimum order is 1 pack. All Sash Balances can be combined for quantity pricing.

CRL Window Channel Sash Balance Repair Kits

MORE INFORMATION crlaurence.com

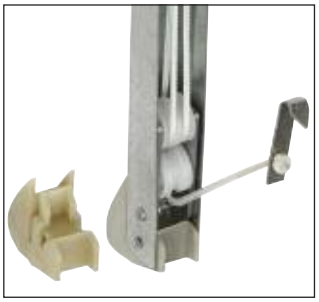
• Conveniently Packaged Kits for a Single Repair

• Popular Guide Combinations to Choose From

CRL Channel Sash Balances and Guides are always ordered separately. Shown here are the most common Top and Bottom Guide combinations. You can choose to order a Poly Bagged Kit which includes a Top and Bottom Guide, plus Rivets with Take-Out Clip, or you can choose to order the Guides pre-attached at the factory by including an "A" at the end of the Cat. No. shown in the chart. If you choose the Poly Bag Kit, it is recommended to order the CRL Cat. No. H3740 Rivet Set Tool shown below. **NOTE:** When ordering Guides attached, you do not get the Take-Out Clip.



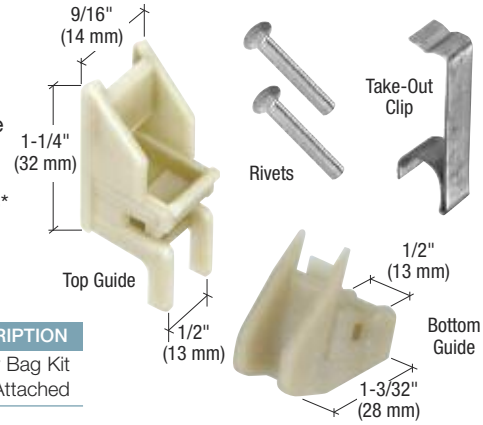
Top Guide



Bottom Guide

Kit Includes:
1 each FS100B
Top Guide
1 each FS151B
Bottom Guide
2 each FS261 Rivets
1 each FS260
Take-Out Clip*

*With Poly Bag Kit Only

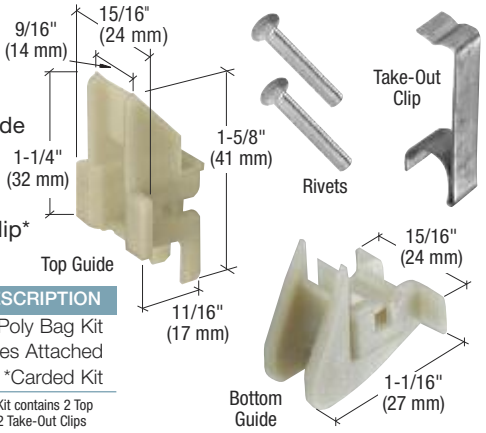


CAT. NO.	DESCRIPTION
FS291B	Poly Bag Kit
FS291BA	Guides Attached

Minimum order: 1 each.

Kit Includes:
1 each FS101B
Top Guide
1 each FS153B
Bottom Guide
2 each FS261
Rivets
1 each FS260
Take-Out Clip*

*With Poly Bag Kit Only

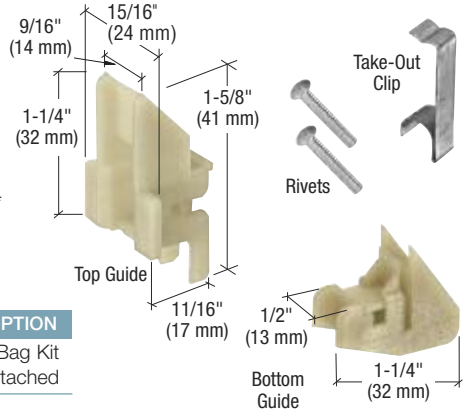


CAT. NO.	DESCRIPTION
FS293B	Poly Bag Kit
FS293BA	Guides Attached
H3755	*Carded Kit

Minimum order: 1 each. *Carded Kit contains 2 Top and Bottom Guides 4 Rivets, and 2 Take-Out Clips

Kit Includes:
1 each FS101B
Top Guide
1 each FS152B
Bottom Guide
2 each FS261 Rivets
1 each FS260
Take-Out Clip*

*With Poly Bag Kit Only

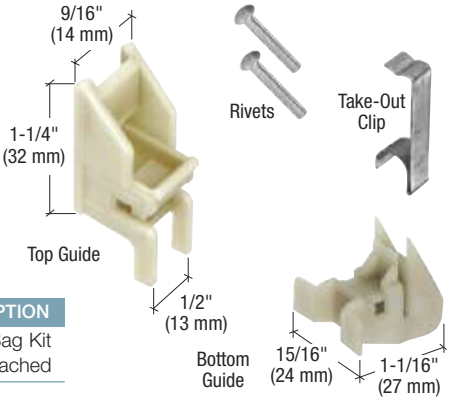


CAT. NO.	DESCRIPTION
FS298B	Poly Bag Kit
FS298BA	Guides Attached

Minimum order: 1 each.

Kit Includes:
1 each FS100B
Top Guide
1 each FS153B
Bottom Guide
2 each FS261 Rivets
1 each FS260
Take-Out Clip*

*With Poly Bag Kit Only



CAT. NO.	DESCRIPTION
FS299B	Poly Bag Kit
FS299BA	Guides Attached

Minimum order: 1 each.

CRL Rivet Installation Tool

Hardened steel Rivet Set Tool has a flared conical shaped head to properly flare Cat. No. FS261 Sash Balance Guide Rivets. Minimum order is one each.



CAT. NO. H3740

CRL Guide Rivet

These are the same Guide Rivets packaged with our Balance Repair Kits.



CAT. NO.	QTY/PKG
FS261	100
FS261B	1000

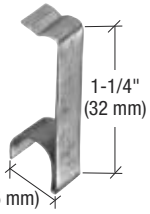
Minimum order: 1 pack.

CRL Take-Out Clips

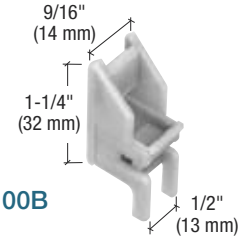
Metal Take-Out Clips are used for vent removal when replacing Window Channel Sash Balances.

CAT. NO.	QTY/PKG
FS260	20
FS260B	100

Minimum order: 1 pack.

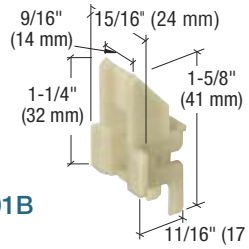


CRL Top Guide



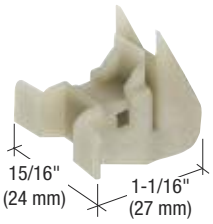
CAT. NO. FS100B
50/Pack

CRL Top Guide



CAT. NO. FS101B
50/Pack

CRL Bottom Guide



CAT. NO. FS153B
50/Pack

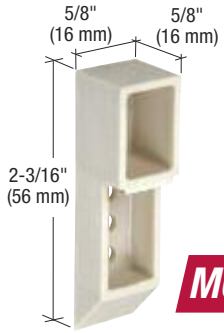
All packs of Sash Balance Hardware can be combined for quantity pricing.

TOLL FREE Phone: (800) 421-6144
Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Nylon Sash Cams

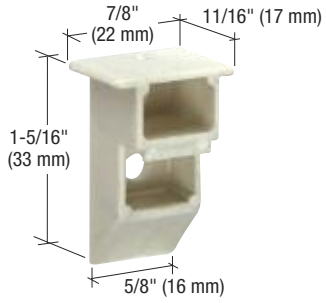
CRL Sash Cams attach to the top edge of the window sash and provide the top support to the channel Sash Balance, as well as maintaining the proper operating clearance between the sash and frame.



MORE CHOICES crlaurence.com

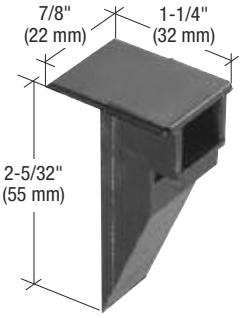
CAT. NO.	QTY/PKG
H3837	2
H3837B	50

Minimum order: 1 pack.



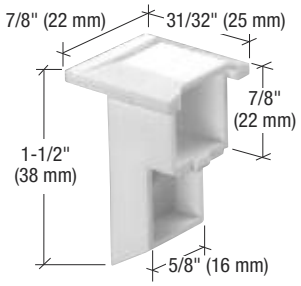
CAT. NO.	QTY/PKG
H3838	2
H3838B	50

Minimum order: 1 pack.



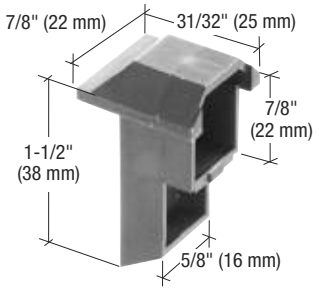
CAT. NO.	QTY/PKG
H3940	2
H3940B	25

Minimum order: 1 pack.



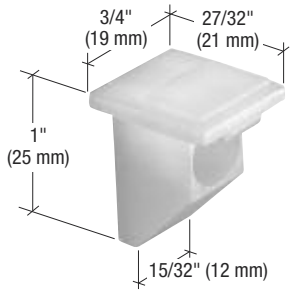
CAT. NO.	QTY/PKG
H3918	2
H3918B	25

Minimum order: 1 pack.



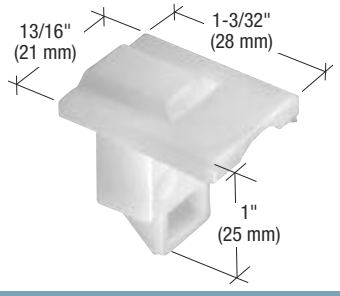
CAT. NO.	QTY/PKG
H3980	2
H3980B	25

Minimum order: 1 pack.



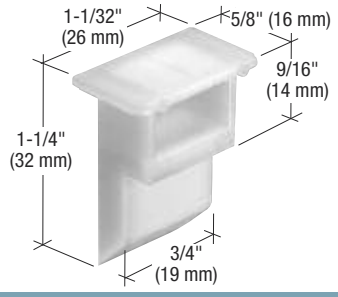
CAT. NO.	QTY/PKG
H3917	2
H3917B	25

Minimum order: 1 pack.



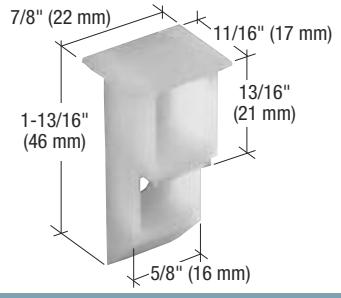
CAT. NO.	QTY/PKG
H4129	2
H4129B	25

Minimum order: 1 pack.



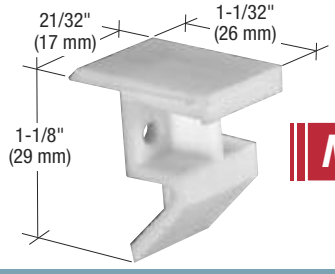
CAT. NO.	QTY/PKG
H3943	2
H3943B	25

Minimum order: 1 pack.



CAT. NO.	QTY/PKG
H4128	2
H4128B	25

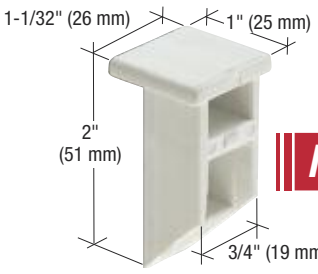
Minimum order: 1 pack.



NEW!

CAT. NO.	QTY/PKG
H4310	2
H4310B	25

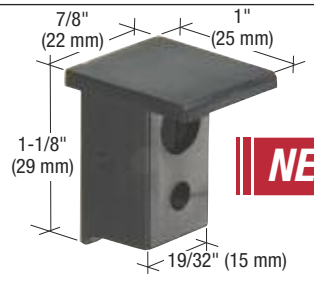
Minimum order: 1 pack.



NEW!

CAT. NO.	QTY/PKG
H4311	2
H4311B	25

Minimum order: 1 pack.



NEW!

CAT. NO.	QTY/PKG
H4312	2
H4312B	25

Minimum order: 1 pack.

All packs of Sash Balance Hardware can be combined for quantity pricing.

CRL 3/8" (10 mm) Spiral Sash Balances

MORE INFORMATION crlaurence.com

C.R. Laurence stocks a large assortment of Spiral Sash Balances for both Tilt and Non-Tilt Windows. Balances are available in 3/8" (10 mm) diameter tubes with two bushing colors to choose from.

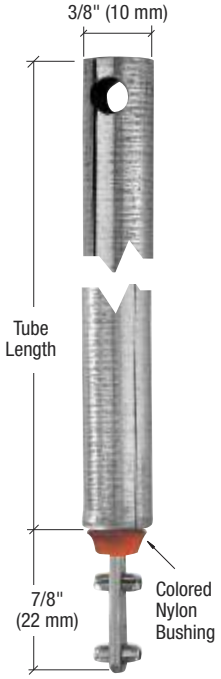
The chart below shows popular stock CRL 3/8" (10 mm) diameter metal tube Tilt and Non-Tilt type Spiral Sash Balances. Balances are made from 11" to 40" (280 to 1016 mm) long. Red and green bushing colors are stocked as indicated; some Balance sizes are also available with white, blue, or yellow bushings by special order.

FM Series Non-Tilt Balances are available in two rod lengths. To determine rod length, push the spiral end of the rod into the tube completely to expose the end of the rod at the opposite end of the tube. Measure the length of the spiral rod only; this length will either be 5/8" (16 mm) or 1-5/8" (41 mm) longer than the tube length. Only "Standard Rod" lengths are stocked. Balances with a 1-5/8" (41 mm) longer rod are referred to as "Extended Rod". Most non-stock Balance sales are available by special order; please call CRL Technical Sales for assistance in choosing the correct replacement Balance.
NOTE: Some Spiral Sash Balances have a plastic tube instead of metal. Make sure to specify plastic tube and give tube color.

ORDERING INFORMATION

1. Type of Sash Balance; Tilt or Non-Tilt
2. Diameter of tube
3. Length of tube only (do not include spiral rod)
4. Bushing color
5. Rod Length (for Non-Tilt Type)

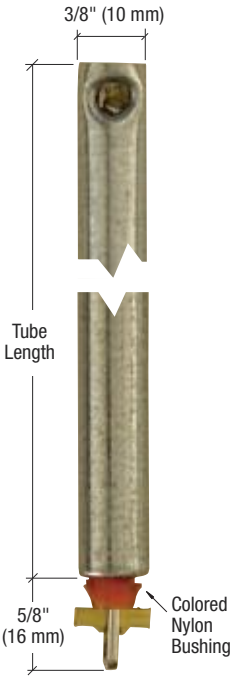
Even though all Spiral Sash Balances for Tilt and Non-Tilt Windows are packaged and sold individually, it is our recommendation that both Balances in the window be replaced at the same time.



FL SERIES TILT 3/8" (10 MM) DIAMETER BALANCES

RED BUSHING CAT. NO.	GREEN BUSHING CAT. NO.	BALANCE TUBE LENGTH INCHES (MM)
FL1820	-	18" (457 mm)
FL1920	-	19" (483 mm)
FL2020	-	20" (508 mm)
FL2120	-	21" (533 mm)
FL2220	-	22" (559 mm)
FL2320	-	23" (584 mm)
FL2420	-	24" (610 mm)
FL2520	-	25" (635 mm)
FL2620	-	26" (660 mm)
FL2720	-	27" (686 mm)
FL2820	FL2840	28" (711 mm)
FL2920	FL2940	29" (737 mm)
FL3020	-	30" (762 mm)
FL3120	FL3140	31" (787 mm)
FL3220	-	32" (813 mm)
-	FL3540	35" (889 mm)
-	FL3640	36" (914 mm)
-	FL3940	39" (991 mm)

Minimum order: 1 pack. All Sash Balances are sold individually (not by the pair), and can be combined for quantity pricing.

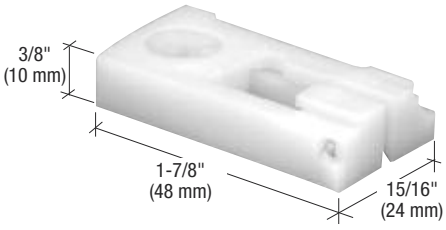


FM SERIES NON-TILT 3/8" (10 MM) DIAMETER BALANCES

RED BUSHING CAT. NO.	BALANCE TUBE LENGTH INCHES (MM)
FM1820	18" (457 mm)
FM1920	19" (483 mm)
FM2020	20" (508 mm)
FM2120	21" (533 mm)
FM2220	22" (559 mm)
FM2320	23" (584 mm)
FM2420	24" (610 mm)
FM2520	25" (635 mm)
FM2620	26" (660 mm)
FM2720	27" (686 mm)
FM2820	28" (711 mm)
FM2920	29" (737 mm)
FM3020	30" (762 mm)
FM3120	31" (787 mm)
FM3220	32" (813 mm)

Minimum order: 1 pack. All Sash Balances are sold individually (not by the pair), and can be combined for quantity pricing.

CRL Pivot Lock Shoe

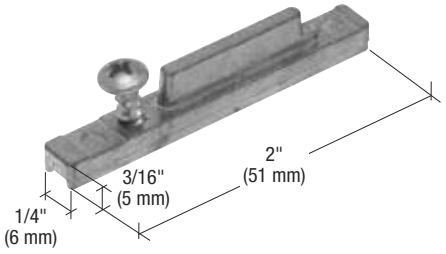


Nylon Pivot Lock Shoe with white bushing designed for FL Series 3/8" (10 mm) diameter Spiral Sash Balances shown above.

CAT. NO.	QTY/PKG
H3786	2
H3786B	25

Minimum order: 1 pack.

CRL Pivot Bar

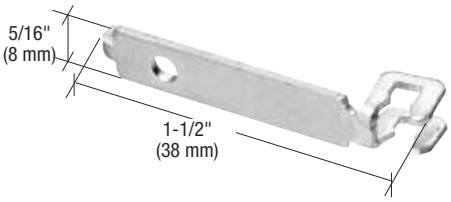


Die cast Pivot Bar works with Nylon Pivot Lock Shoes. Used with FL Series 3/8" (10 mm) diameter Spiral Sash Balances shown above.

CAT. NO.	QTY/PKG
H3897	2
H3897B	25

Minimum order: 1 pack.

CRL Sash Carrier



Stamped steel Sash Carrier for 3/8" (10 mm) diameter Spiral Sash Balances. Used with the FM Series Spiral Sash Balances shown above.

CAT. NO.	QTY/PKG
H3920	2
H3920B	25

Minimum order: 1 pack.

All packs of Sash Balance Hardware can be combined for quantity pricing.

CRL FR Series Spiral Sash Balances

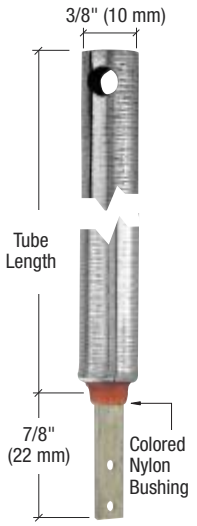
The following C.R. Laurence Spiral Sash Balances are sold with sash carrier hooks pre-installed. These 3/8" (10 mm) Spiral Sash Balances are available in the same common tube lengths as other 3/8" (10 mm) Spiral Balances, and have the same color coded bushings as the FL and FM Series Balances. The chart below shows which FR Balances are stocked and made available for immediate shipment. **NOTE:** FR Balances are not sold without the Clip attached, and are non-returnable once ordered.

The FR Series Non-Tilt Balances are available in two rod lengths. To determine rod length push the spiral end of the rod into the tube completely to expose the end of the rod at the opposite end of the tube. Measure the length of the spiral rod only; this length will either be 5/8" (16 mm), referred to as Standard Rod, or 1-5/8" (41 mm), referred to as Extended Rod. Only Standard Rod lengths are stocked.
Non-stock Balance sizes are available by special order. Please contact CRL's Doors and Windows Department for assistance in choosing the correct replacement Balance.
NOTE: Some Spiral Balances have a plastic tube instead of metal. Make sure to specify plastic tube and give tube color.

MORE CHOICES crlaurence.com

ORDERING INFORMATION
1. Determine the Rod length
2. Diameter of tube
3. Length of tube only (do not include spiral rod)
4. Bushing color

Even though all Spiral Sash Balances for Tilt and Non-Tilt Windows are packaged and sold individually, it is our recommendation that both Balances in the window be replaced at the same time.



Balances require Clips, which must be specified at time of order.



CAT. NO. FS340A



CAT. NO. FS342A



CAT. NO. FS343A

FR SERIES NON-TILT 3/8" (10 MM) DIAMETER SPIRAL SASH BALANCES

RED BUSHING CAT. NO.	GREEN BUSHING CAT. NO.	BALANCE TUBE LENGTH INCHES (MM)
FR1820	---	18" (457 mm)
FR1920	---	19" (483 mm)
FR2020	---	20" (508 mm)
FR2120	---	21" (533 mm)
FR2220	---	22" (559 mm)
FR2320	---	23" (584 mm)
FR2420	---	24" (610 mm)
FR2520	---	25" (635 mm)
FR2620	---	26" (660 mm)
FR2720	---	27" (686 mm)
FR2820	FR2840	28" (711 mm)
FR2920	FR2940	29" (737 mm)
FR3020	---	30" (762 mm)
---	FR3140	31" (787 mm)
---	FR3540	35" (889 mm)
---	FR3640	36" (914 mm)
---	FR3940	39" (991 mm)

Minimum order: 1 pack. NOTE: Series "FR" Balances require factory installed end clips. The End Clips for "FR" Balances shown at left are F.O.B. Los Angeles, CA. All Sash Balances are sold individually (not by the pair), and can be combined for quantity pricing.

CRL Plastic Tube Spiral Balances

- **3/8" and 5/8" Diameters Available**
- **Special Order Only**

CRL now has a special order program for 3/8" and 5/8" (9.5 and 16 mm) diameter Spiral Balances made with plastic tubes. Just call our Doors and Windows Department at Ext. 7520, and ask for a quote for Plastic Tube Spiral Balances. Specify tube length and diameter, bushing color or sash weight (see Selection Chart), and tube color. Also, the number of pins and pin length. Typically, there are two pins at 1/4" (6.4 mm) long. 1/2" and 3/4" (13 and 19 mm) pins are also available. Minimum order is two each.



3/8" (9.5 mm) Diameter



5/8" (16 mm) Diameter

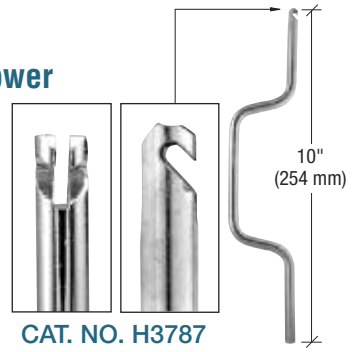
PLASTIC TUBE SPIRAL BALANCE SELECTION CHART

TUBE DIAMETER	BUSHING COLOR	SASH WEIGHT
3/8" (9.5 mm)	White	Up to 18 lbs. (8.2 kg)
3/8" (9.5 mm)	Yellow	18 to 30 lbs. (8.2 to 13.6 kg)
5/8" (15.9 mm)	Red	Up to 30 lbs. (13.6 kg)
5/8" (15.9 mm)	Yellow	30 to 40 lbs. (13.6 to 18.1 kg)

CRL Tilt Balance Tool

- **Split Head End Grasps Lower Pin on Balance Rod**

This plated steel Tensioning Tool is designed for tilt window Spiral Sash Balances. The Tool grasps the lower pin on the balance rod to give the necessary counter balance adjustment. Minimum order is one each.

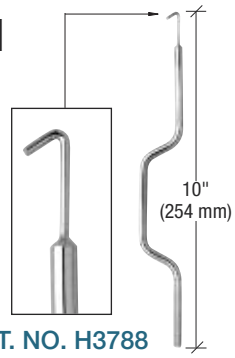


CAT. NO. H3787

CRL Non-Tilt Balance Tool

- **Wire Hook End Grasps Spiral Sash Balances**

This plated steel Tensioning Tool is designed for non-tilt window Spiral Sash Balances. The Tool has a wire hook to grasp the balance rod to easily wind or unwind the rod to give the necessary counter balance adjustments. Minimum order is one each.



CAT. NO. H3788

All packs of Sash Balance Replacement Hardware can be combined for quantity pricing.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL 9/16" (14 mm) Spiral Sash Balances

MORE INFORMATION crlaurence.com

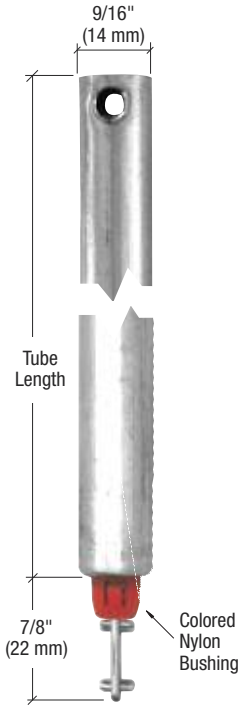
- A Large Assortment for Both Tilt and Non-Tilt Windows
- 9/16" (14 mm) Diameter Metal Tubes in Choice of Two Bushing Colors

The charts below shows stock CRL 9/16" (14 mm) diameter metal tube Tilt and Non-Tilt type Spiral Sash Balances with optional red or blue bushings. These stock Balances have been made from 10" to 50" (254 to 1270 mm) long. Most non-stock Balance sizes are available by special order. Please contact CRL Technical Sales for assistance in choosing the correct replacement Balance. **NOTE:** Some Spiral Balances have a plastic tube instead of metal. Make sure to specify plastic tube and give tube color.

Even though all Spiral Sash Balances for Tilt and Non-Tilt Windows are packaged and sold individually, it is our recommendation that both Balances in the window be replaced at the same time.

ORDERING INFORMATION

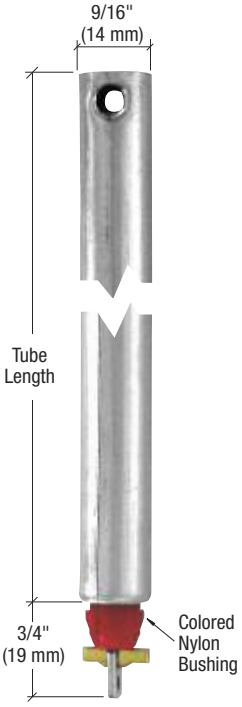
1. Type of Sash Balance; Tilt or Non-Tilt
2. Diameter of tube
3. Length of tube only (do not include spiral rod)
4. Bushing color
5. Rod Length (for Non-Tilt Type)



FH SERIES TILT 9/16" (14 MM) DIAMETER SPIRAL BALANCES

RED BUSHING CAT. NO.	BLUE BUSHING CAT. NO.	BALANCE TUBE LENGTH INCHES (MM)
FH1520	FH1530	15" (381)
FH1620	FH1630	16" (406)
FH1720	FH1730	17" (432)
FH1820	FH1830	18" (457)
FH1920	FH1930	19" (483)
FH2020	FH2030	20" (508)
FH2120	FH2130	21" (533)
FH2220	FH2230	22" (559)
FH2320	FH2330	23" (584)
FH2420	---	24" (610)
FH2520	FH2530	25" (635)
FH2620	FH2630	26" (660)
FH2720	FH2730	27" (686)
FH2820	FH2830	28" (711)
FH2920	FH2930	29" (737)
FH3020	FH3030	30" (762)
FH3120	FH3130	31" (787)
FH3220	FH3230	32" (813)
FH3320	---	33" (838)
FH3420	---	34" (864)
FH3520	---	35" (889)
FH3620	---	36" (914)
FH3720	---	37" (940)
FH3820	---	38" (965)

Minimum order: 1 pack. All Sash Balances are sold individually (not by the pair), and can be combined for quantity pricing.



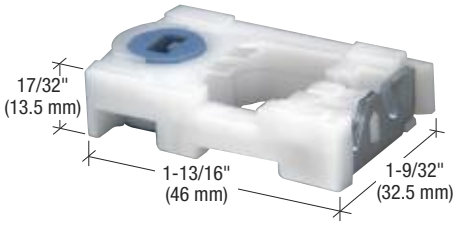
The "FJ" Series Spiral Balance does not use an end clip. The "Bow Tie" at the end of the rod fits into a Sash Carrier.

FJ SERIES NON-TILT 9/16" (14 MM) DIAMETER SPIRAL BALANCES

RED BUSHING CAT. NO.	BLUE BUSHING CAT. NO.	BALANCE TUBE LENGTH INCHES (MM)
FJ1720	FJ1730	17" (432)
FJ1820	FJ1830	18" (457)
FJ1920	FJ1930	19" (483)
FJ2020	FJ2030	20" (508)
FJ2120	FJ2130	21" (533)
FJ2220	FJ2230	22" (559)
FJ2320	FJ2330	23" (584)
FJ2420	FJ2430	24" (610)
FJ2520	FJ2530	25" (635)
FJ2620	FJ2630	26" (660)
FJ2720	FJ2730	27" (686)
FJ2820	FJ2830	28" (711)
FJ2920	FJ2930	29" (737)
FJ3020	FJ3030	30" (762)
FJ3120	FJ3130	31" (787)
FJ3220	FJ3230	32" (813)
FJ3320	---	33" (838)
FJ3420	---	34" (864)
FJ3520	---	35" (889)
FJ3620	---	36" (914)
FJ3720	---	37" (940)
FJ3820	---	38" (965)

Minimum order: 1 pack. All Sash Balances are sold individually (not by the pair), and can be combined for quantity pricing.

CRL Pivot Lock Shoe

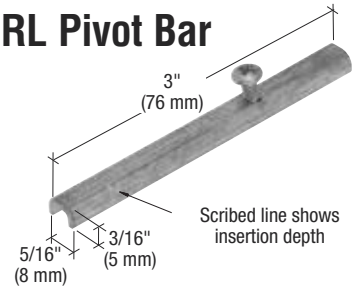


Nylon Pivot Lock Shoe with blue bushing designed for 9/16" (14 mm) diameter FH Series Tilt Window Spiral Sash Balances shown above.

CAT. NO.	QTY/PKG
H3785	2
H3785B	25

Minimum order: 1 pack.

CRL Pivot Bar

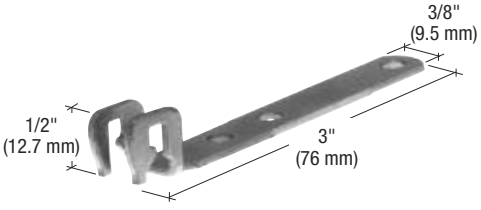


Stamped steel Pivot Bar works with Nylon Pivot Lock Shoes. Commonly used with 9/16" (14 mm) diameter FH Series Tilt Window Spiral Sash Balances shown above.

CAT. NO.	QTY/PKG
H3758	2
H3758B	25

Minimum order: 1 pack.

CRL Sash Carrier



Stamped steel Sash Carrier for 9/16" (14 mm) diameter FJ Series Non-Tilt Spiral Balances shown above.

CAT. NO.	QTY/PKG
H3759	2
H3759B	25

Minimum order: 1 pack.

All packs of Sash Balance Hardware can be combined for quantity pricing.

CRL Overhead Channel Sash Balances

MORE CHOICES crlaurence.com

- Nylon Guides Not Required



Several window manufacturers in the Western United States use Overhead Channel Sash Balances such as these.

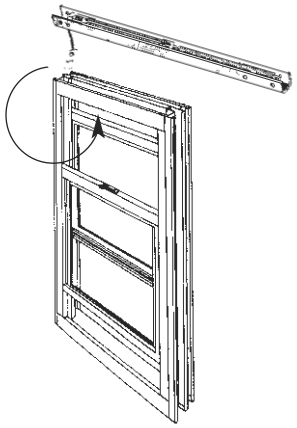
These Balances have a three-digit number stamped into the back of the channel to identify the balance size and spring counter balance strength.

CRL has a selection of replacement Overhead Channel Sash Balances that are compatible with this type of window. Our stock Balances come with a flat steel Terminal Clip on the cord. These clips may also be ordered separately (see below). Other Terminal Clips are available by special order.

NOTE: Not all windows require two Balances per sash. Many window manufacturers hide their Overhead Balances in a separate cover channel that matches the window jamb. It will be necessary to remove this channel and any rivets holding the Balance in order to remove the Balance and expose the identification number on the back.

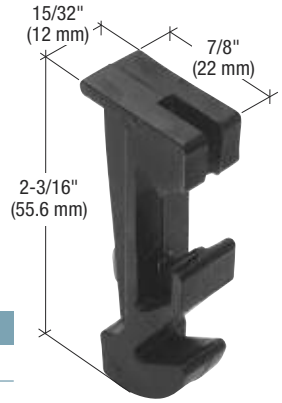
CAT. NO.	NUMBER STAMPED ON BALANCE	CHANNEL LENGTH INCHES (MM)	VENT WEIGHT RANGE POUNDS (KG)
FC111	111	12-3/4" (324)	4 - 7 (1.8 - 3.2)
FC112	112	12-3/4" (324)	7 - 11 (3.2 - 5.0)
FC121	121	15-1/4" (387)	4 - 8 (1.8 - 3.6)
FC122	122	15-1/4" (387)	8 - 12 (3.6 - 5.4)
FC151	151	19-1/4" (489)	5 - 9 (2.3 - 4.1)
FC152	152	19-1/4" (489)	9 - 13 (4.1 - 5.9)
FC153	153	19-1/4" (489)	13 - 16 (5.9 - 7.2)
FC162	162	23-1/4" (591)	9 - 14 (4.1 - 6.3)
FC163	163	23-1/4" (591)	14 - 20 (6.3 - 9.1)
FC183	183	27-1/4" (692)	17 - 22 (7.7 - 10.0)

Minimum order: 1 pack. All Sash Balances can be combined for quantity pricing.



CRL Lift Hook

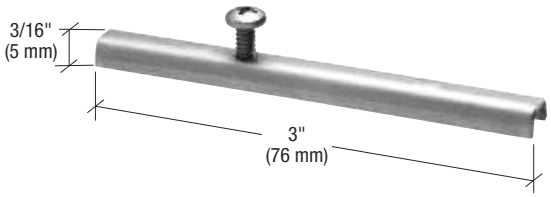
Black nylon replacement Lift Hook for use with Overhead Channel Balances.



CAT. NO.	QTY/PKG
H3904	2

Minimum order: 1 pack.

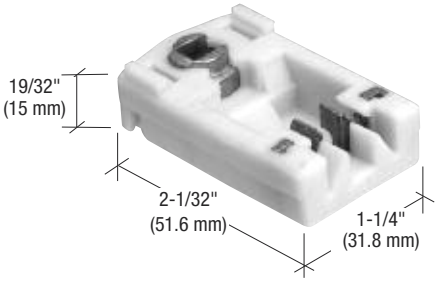
CRL Pivot Bar



Made from heavy gauge stamped stainless steel, this Pivot Bar is designed to support the heavier sash weights associated with windows which use the Lite-Lift Spiral Balances. Minimum order is one each.

CAT. NO. LLS4

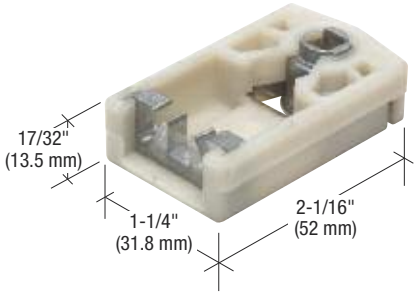
CRL Pivot Lock Shoe



Nylon Pivot Lock Shoe with die cast cam. Side locking pads are ideal for vinyl framed windows. Minimum order is one each.

CAT. NO. LLS2

CRL Pivot Lock Shoe



This nylon CRL Pivot Lock Shoe is designed to be used with the 777 and 779 Series block and tackle sash balances used on vertical hung tilt type windows. Nylon housing with die cast terminal clip retainer and locking cam.

CAT. NO. 62565

All packs of Sash Balance Hardware can be combined for quantity pricing.

CRL Storm Window Frames

- For Single and Double Strength Glass
- Easy to Fabricate With Adhesive - No Corners Required

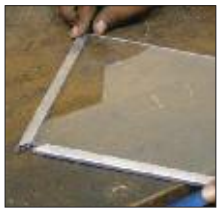
MORE INFORMATION crlaurence.com



Measure the length and width of the glass and miter cut frame



Using C205GL Adhesive and 195AG Pump, dispense adhesive into frame



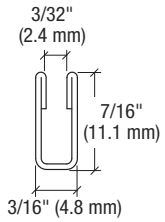
Install miter cut frame with adhesive onto glass

CRL Storm Window Standard Frame

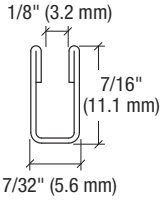


- Adhesive Bonded Frames for Single and Double Strength Glass

CRL Storm Window Frame is .025" (.7 mm) thick roll formed aluminum in a mill finish. Designed for surface mounting.



Single Strength



Double Strength

CAT. NO.	SIZE	LENGTH	QTY/CS
35048	Single Strength	12'-6" (3.8 m)	200
35049	Double Strength	12'-6" (3.8 m)	200

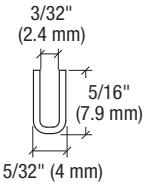
Minimum order: 1 stock length. Window Frames can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than 20 combined lengths. Must ship via common carrier unless you specify we cut them for UPS. A Cutting Charge will apply.

CRL Storm Window Edge Wrap Frame

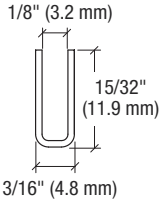


- Adhesive Bonded Edge Wrap for Single and Double Strength Glass

CRL Edge Wrap Frame is .025" (.7 mm) thick roll formed aluminum in mill finish. Designed to be used for glass edging or storm windows.



Single Strength

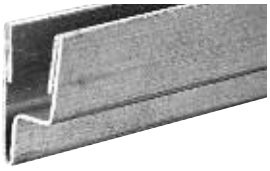


Double Strength

CAT. NO.	SIZE	LENGTH	QTY/CS
35050	Single Strength	12'-6" (3.8 m)	200
35051	Double Strength	12'-6" (3.8 m)	200

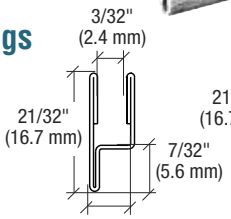
Minimum order: 1 stock length. Window Frames can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than 20 combined lengths. Must ship via common carrier unless you specify we cut them for UPS. A Cutting Charge will apply.

CRL Storm Window Leg Frame

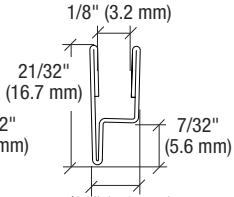


- Adhesive Bonded Leg Frame for Recessed Openings

CRL Storm Window Leg Frame for single and double strength glass is .024" (.6 mm) thick roll formed aluminum in mill finish. Designed to be installed into recessed openings.



Single Strength



Double Strength

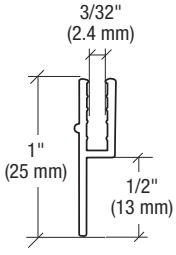
CAT. NO.	SIZE	LENGTH	QTY/CS
35035	Single Strength	12'-6" (3.8 m)	200
35036	Double Strength	12'-6" (3.8 m)	200

Minimum order: 1 stock length. Window Frames can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than 20 combined lengths. Must ship via common carrier unless you specify we cut them for UPS. A Cutting Charge will apply.

CRL Rigid Vinyl Lip Frame



- Adhesive Bonded Frame for Single Strength Glazing



Single Strength

CRL 1" (25 mm) Rigid Vinyl Lip Frame is designed for single strength glass being installed into a recessed opening. Used primarily for storm windows. Use Cat. No. C205GL Adhesive to bond to glass.

CAT. NO.	FINISH	LENGTH	QTY/CS
PL15967	White	72" (1.83 m)	25

Minimum order: 1 stock length. Window Frames can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than 10 combined lengths.

CRL Storm Window and Door Adhesive

MSDS ONLINE

NO AIR FREIGHT

- For Bonding Storm Window Frames



CAT. NO. C205GL

CRL Adhesive is an off white/neutral color adhesive for storm door and window frame joints



CAT. NO. C215GL

CRL Solvent is used to clean or thin Cat. No. C205GL Adhesive



CAT. NO. 195AG

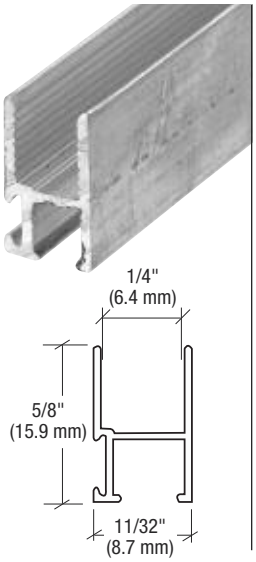
CRL Pump used to dispense adhesives

Minimum order is one each

CRL Standard Style Triple Track Top and Side Frame

• For Window Tops and Sides

CRL's Standard Style Triple Track Window Frame permits regular single strength glazing into vinyl. The white finish is powder coated. Available in 72" (1.82 m) lengths, it comes packed 12 per carton.

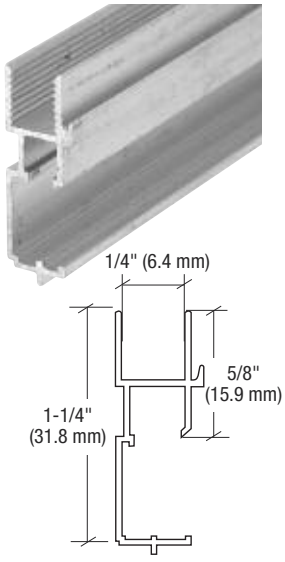


CAT. NO.	FINISH	LENGTH
PL14189	Mill	72" (1.82 m)
PL14191	White	72" (1.82 m)

Minimum order: 1 stock length. Finishes can be combined for quantity pricing.

CRL Standard Style Triple Track Bottom Frame

CRL's Standard Style Triple Track Bottom Window Frame works with Top and Side Standard Frame. The white finish is powder coated. Bottom Frame does not have a pile weatherstrip track. Only the sides and top require pile weatherstrip. Packed six per carton.



CAT. NO.	FINISH	LENGTH
PL14192	Mill	72" (1.82 m)
PL14194	White	72" (1.82 m)

Minimum order: 1 stock length. Finishes can be combined for quantity pricing.

CRL Slide Bolts for Standard Style Triple Track Window and Screen Frames

Slide Bolts are inserted into the Bottom Frame. The spring loaded bolt allows for height adjustments and holds the frame in a closed position. Used with the Corner Keys for only the Standard Style Window and Screen Frames. Bolts are 20 per package.



Die Cast Left Hand Slide Bolt



Die Cast Right Hand Slide Bolt

CAT. NO.	HAND
PL15492	Left
PL15494	Right

Minimum order: 1 pack.

NOTE: Slide Bolts require Cat. No. P649K Springs (see page DW126)

CRL Die Cast Corners for All Triple Track Frames

These CRL Die cast Corners are used exclusively with Triple Track for glass and screens. Corners are held in the frame using our Cat. No. S1936 Crimping Tool (see page DW125) to indent the frame.

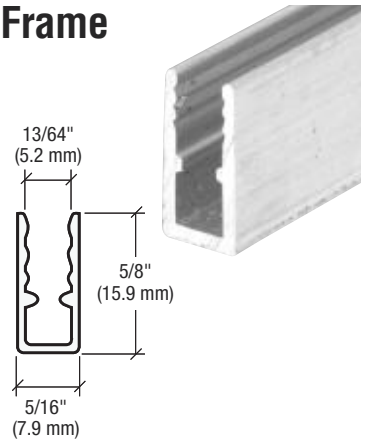


CAT. NO.	DESCRIPTION	QTY/PKG
PL15228	Tilt Key	20
PL15052	Corner Key	20

Minimum order: 1 pack.

CRL 5/16" Window Frame

This extruded aluminum CRL Window Frame material is designed for single or double strength glass. You can easily miter cut to the correct size and assemble using CRL's Aluminum or Nylon Corners. Frame requires the use of Cat. No. GC723 or GC724 Glazing Vinyl (see page DW133.)



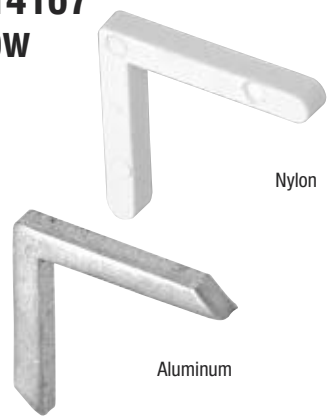
CAT. NO.	FINISH	LENGTH	QTY/CS
PL14167	Mill	12' (3.6 m)	50
PL14169	White	12' (3.6 m)	50

Minimum order: 1 stock length. Finishes can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than 10 combined lengths. Must ship via common carrier unless you specify we cut them for UPS. A Cutting Charge will apply.

CRL Corners for PL14167 and PL14169 Window Frame

CRL's Nylon and Aluminum Frame Corners can be used for miter cut Cat. No. PL14167 and PL14169 Window Frames. Sold in packs of 20.

MORE CHOICES crlaurence.com



CAT. NO.	MATERIAL	FINISH	QTY/PKG
PL14964	Nylon	Translucent	20
PL15030	Aluminum	Mill	20

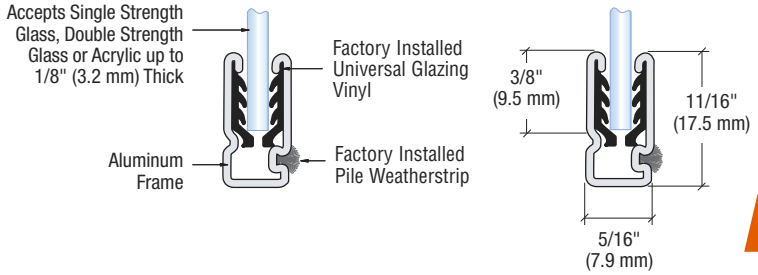
Minimum order: 1 pack.

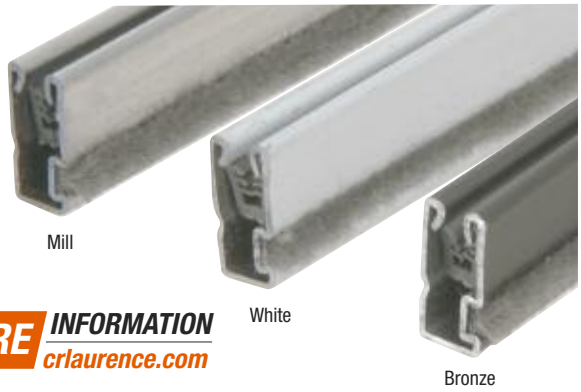
TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

Universal CRL-Sash

- **No Adhesive Required to Hold Glass or Acrylic Panels**





MORE INFORMATION crlaurence.com

A roll-formed aluminum body gives the frame rigidity while allowing the panel to remain lightweight enough to install and remove seasonally. Pre-installed vinyl gasket holds the glass or acrylic, eliminating the need for messy adhesives used with most other types of storm window frames. Built-in pile weatherstripping helps eliminate air infiltration between the secured panel and the window frame.

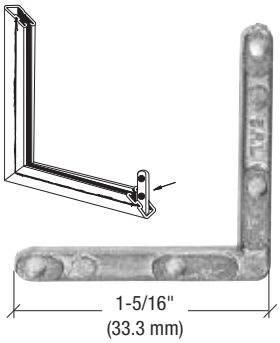
CAT. NO.	FINISH	LENGTH	QTY/CASE
BS1M	Mill	12' 2" (3.7 m)	50
BS1W	White	12' 2" (3.7 m)	50
BS1BRZ	Bronze	12' 2" (3.7 m)	50

Minimum order: 1 stock length. Finishes can be combined for quantity pricing. A packing charge will be added to orders of fewer than 10 combined lengths. Must ship common carrier, unless you specify we cut them for U.P.S. A Cutting Charge will apply.

CRL Zinc Corners for Miter Cut Fabrication

- **Quick and Secure Installation**
- **Provides a Snug and Secure Fit**

CRL Zinc Corners are designed for use with Universal CRL-Sash in miter cut fabrication. Miter cut fabrication is accomplished by cutting the CRL-Sash to the desired width and height. Next insert the Zinc Corners and wrap the CRL-Sash around the glass or acrylic panel. Then use our S1936 Crimping Tool to crimp the CRL-Sash into the dimples in the Zinc Corners to provide a secure fit.



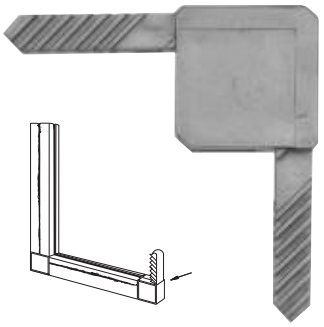
CAT. NO.	QTY/PKG
1795	100

Minimum order: 100 each. Must be ordered in increments of 100.

CRL Square Corners for Square Cut Fabrication

- **Press In to Install**
- **Colors to Match CRL-Sash**

CRL-Sash Square Corners allow the square-cut fabrication of storm windows using Universal CRL-Sash. Simply cut the CRL-Sash 1-7/16" (36.5 mm) less than the desired length and height, insert the Square Corner, wrap the CRL-Sash around the glass or acrylic panel, and the job is complete.



CAT. NO.	COLOR	QTY/PKG
CD35M	Gray	100
CD35W	White	100
CD35BRZ	Bronze	100

Minimum order: 100 each. Must be ordered in increments of 100. Colors can be combined for quantity pricing.

CRL Crimping Tool for 1795 Zinc Corners

- **For Installing 1795 Zinc Corners Into Miter Cut CRL-Sash**



The projecting pins located in the jaws of the CRL Crimping Tool are designed to crimp the miter cut ends of Universal CRL-Sash into the dimples of Cat. No. 1795 Zinc Corners, securing both legs to the corner. Minimum order is one each.

CAT. NO. S1936

CRL Storm Sash Spreader Tool

- **Used for Removal of Old Swivel or Corner Keys in Storm Sash**



This CRL Storm Sash Spreader Tool quickly spreads the corners of frames for removal of old swivel or corner keys. Just insert the pointed jaws along side the old corner key and squeeze the handles. Minimum order is one each.

CAT. NO. 2114525

CRL Slide Bolts



Right Hand Illustrated
Recommended Spring Cat. No. 3366K

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	QTY/PKG
SB230LK	SB235RK	20
SB230LB	SB235RB	100

Minimum order: 1 pack or 100 each in bulk.

CRL Slide Bolts

MORE CHOICES crlaurence.com

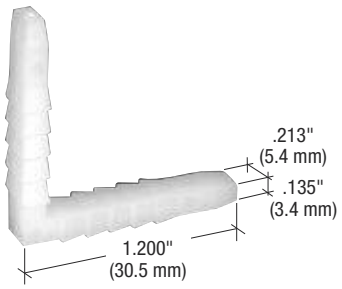


Right Hand Illustrated
Recommended Spring Cat. No. 3366K

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	QTY/PKG
SB250LK	SB255RK	20
SB250LB	SB255RB	100

Minimum order: 1 pack or 100 each in bulk.

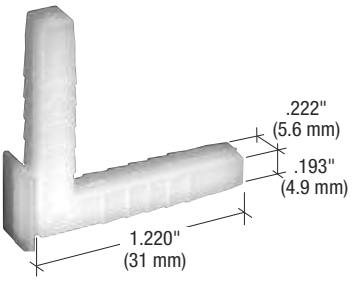
CRL Plastic Corner Keys



CAT. NO.	QTY/PKG
CK265K	20
CK265B	100

Minimum order: 1 pack or 100 each in bulk.

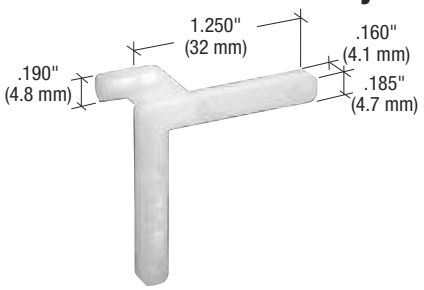
CRL Plastic Corner Keys



CAT. NO.	QTY/PKG
CK230K	20
CK230B	100

Minimum order: 1 pack or 100 each in bulk.

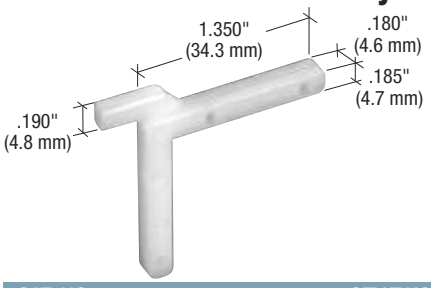
CRL Plastic Swivel Keys



CAT. NO.	QTY/PKG
SK380K	20
PL15151	100

Minimum order: 1 pack.

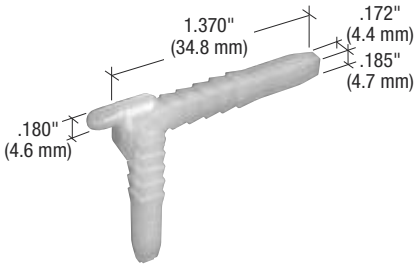
CRL Plastic Swivel Keys



CAT. NO.	QTY/PKG
SK100K	20
SK100B	100

Minimum order: 1 pack or 100 each in bulk.

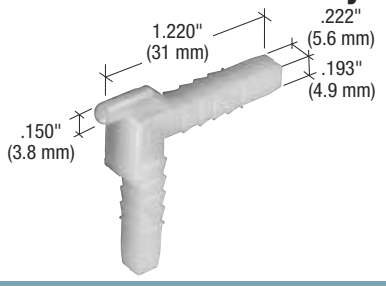
CRL Plastic Swivel Keys



CAT. NO.	QTY/PKG
SK115K	20
SK115B	100

Minimum order: 1 pack or 100 each in bulk.

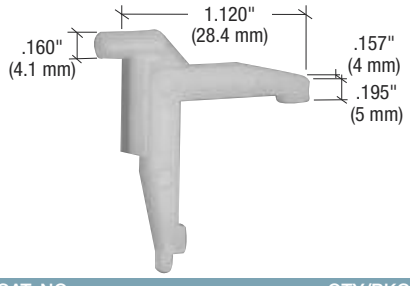
CRL Plastic Swivel Keys



CAT. NO.	QTY/PKG
SK225K	20
SK225B	100

Minimum order: 1 pack or 100 each in bulk.

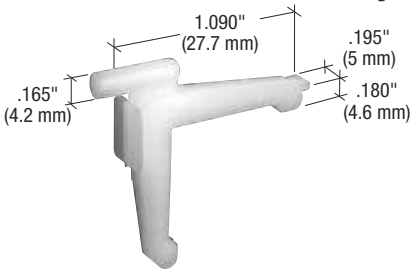
CRL Plastic Swivel Keys



CAT. NO.	QTY/PKG
SK215K	20
SK215B	100

Minimum order: 1 pack or 100 each in bulk.

CRL Plastic Swivel Keys



CAT. NO.	QTY/PKG
SK400K	20
SK400B	100

Minimum order: 1 pack or 100 each in bulk.

CRL Slide Bolt Springs

CRL offers a complete selection of Slide Bolt Springs. Please visit crlaurence.com/crl-sash for additional information.



CAT. NO. P649K
Length: 2.000" (50.8 mm)
Qty/Pkg 20



CAT. NO. 3366K
Length: 1.480" (37.6 mm) with Plastic Retainer
Qty/Pkg 20
Minimum order: 1 pack.

CRL Bel-Air "Plaza" Combination Door Units

- **Several Window Types, and Sizes are Stocked for Immediate Shipment**
- **Available with Clear or Obscured 1/8" (3 mm) Tempered Glass**
- **Available with Mill or Bronze Powder Coated Frame**
- **Combination Units are Available to Fit Either 1-3/8" or 1-3/4" (35 or 44 mm) Thick Doors**
- **All Bel-Air Windows are Available in Special Order Sizes**





All stocked Bel-Air "Plaza" Combination Door Units have mill-finished frames and clear tempered glass to fit both 1-3/8" and 1-3/4" (35 and 44 mm) doors as shown in the chart below. Bel-Air Combination Door Units can vent from both the top and bottom and come complete with 18 x 16 mesh fiberglass insect screen panels.

"Plaza" style units mount into the opening and have flanges inside and out for a tight seal to the door face. More choices available, such as our E-Z Install, which mounts into 1-3/8" to 1-3/4" (35 to 44 mm) thick doors by simply using a hammer and nails or screwdriver and screws.

CRL offers all styles of Bel-Air units in custom sizes, with either mill finished or bronze powder coated frame having either clear or obscure tempered glass. **NOTE:** Maximum width: 24-5/8" (625 mm); maximum height: 42" (1067 mm).

Our most popular Bel-Air "Plaza" style sizes are shown in the chart below, however, several E-Z Install, Look-Out Windows, and Replacement Sash panels are stocked and available for same day shipping. For our complete selection of window types and available inventory, please go to **crlaurence.com/bel-air**.

MORE CHOICES
crlaurence.com





Bel-Air "Plaza" Door Units install from the exterior, and are held in place with an interior trim ring. Standard Bel-Airs are available for both 1-3/8" (35 mm) and 1-3/4" (44 mm) thick doors.

Fabricators can save by buying Bel-Air "Plaza" Door Units in bulk cartons. Contact CRL Technical Sales for pricing on bulk-packed Bel-Air "Plaza" Door Units.

STANDARD BEL-AIR "PLAZA" UNITS WITH CLEAR TEMPERED GLASS AND MILL ALUMINUM FRAME FOR SLAB DOORS

1-3/8" (35 MM) DOORS CAT. NO.	1-3/4" (44 MM) DOORS CAT. NO.	DOOR SIZE	INNER FRAME SIZE WIDTH X HEIGHT	OVER-ALL OPENING SIZE (INCLUDES 1/8" CLEARANCE)
BAP208	BAP204	2-0 (24"/610 mm)	14-5/8" x 30" (372 x 762 mm)	14-3/4" x 30-1/8" (375 x 765 mm)
BAP248	BAP244	2-4 (28"/711 mm)	18-5/8" x 30" (473 x 762 mm)	18-3/4" x 30-1/8" (476 x 765 mm)
BAP268	BAP264	2-6 (30"/762 mm)	20-5/8" x 30" (524 x 762 mm)	20-3/4" x 30-1/8" (527 x 765 mm)
BAP288	BAP284	2-8 (32"/813 mm)	22-5/8" x 30" (575 x 762 mm)	22-3/4" x 30-1/8" (578 x 765 mm)
BAP308	BAP304	3-0 (36"/914 mm)	24-5/8" x 30" (625 x 762 mm)	24-3/4" x 30-1/8" (628 x 765 mm)

Minimum order: 1 each. All Bel-Air Plaza Units can be combined for quantity pricing.

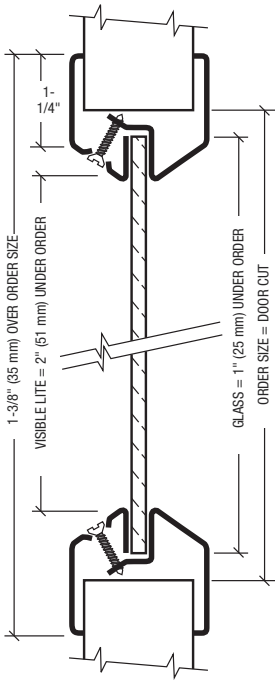
CRL Door Vision Lites

MORE CHOICES crlaurence.com

- Fire Rated
- For Glazing Thickness of 3/16" to 1/4" (5 to 6 mm)
- Available With or Without Wire Glass
- Bronze Powder Coat Finish

c UL us LISTED





CRL's Door Vision Lites are constructed from 20 gauge CRS bronze powder coated frames. They are designed for 1-3/4" (44 mm) thick doors with mitered and welded corners, and a continuous glass retainer. These Vision Lites are listed with both UL and WHI. Custom sizes and finishes are available upon request.

W/O GLASS CAT. NO.	WITH GLASS CAT. NO.	SIZE W X H	USES GLASS SIZE	EXPOSED GLASS
VLFEZ5X35	---	5" x 35" (127 x 889 mm)	4" x 34" (102 x 864 mm)	3" x 33" (76 x 838 mm)
VLFEZ6X27	VLFEZ6X27WS	6" x 27" (152 x 686 mm)	5" x 26" (127 x 660 mm)	4" x 25" (102 x 635 mm)
VLFEZ7X22	VLFEZ7X22WS	7" x 22" (178 x 559 mm)	6" x 21" (152 x 533 mm)	5" x 20" (127 x 508 mm)
VLFEZ7X31	---	7" x 31" (178 x 787 mm)	6" x 30" (152 x 762 mm)	5" x 29" (127 x 737 mm)
VLFEZ8X32	VLFEZ8X32WS	8" x 32" (203 x 813 mm)	7" x 31" (178 x 787 mm)	6" x 30" (152 x 762 mm)
VLFEZ12X12	VLFEZ12X12WS	12" x 12" (305 x 305 mm)	11" x 11" (279 x 279 mm)	10" x 10" (254 x 254 mm)
VLFEZ24X24	VLFEZ24X24WS	24" x 24" (610 x 610 mm)	23" x 23" (584 x 584 mm)	22" x 22" (559 x 559 mm)
VLFEZ24X30	VLFEZ24X30WS	24" x 30" (610 x 762 mm)	23" x 29" (584 x 737 mm)	22" x 28" (559 x 711 mm)
VLFEZ24X32	---	24" x 32" (610 x 813 mm)	23" x 31" (584 x 787 mm)	22" x 30" (559 x 762 mm)
VLFEZ24X36	---	24" x 36" (610 x 914 mm)	23" x 35" (584 x 889 mm)	22" x 34" (559 x 864 mm)
VLFEZ24X56	---	24" x 56" (610 x 1422 mm)	23" x 55" (584 x 1397 mm)	22" x 54" (559 x 1372 mm)
VLFEZ24X60	---	24" x 60" (610 x 1524 mm)	23" x 59" (584 x 1499 mm)	22" x 58" (559 x 1473 mm)

Minimum order: 1 each.

CRL 700A Series Door Louvers

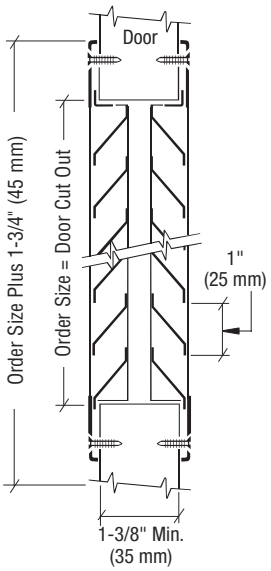
MORE INFORMATION crlaurence.com

- Non-Vision Inverted Split "Y" Blades
- Bronze Powder Coat Finish



CRL's 700A Series Door Louvers have a two-piece design for wood or metal doors with a minimum thickness of 1-3/8" (35 mm). Constructed from 18 gauge CRS, 700A Series Louvers have the two rows of inverted "Y" blades, are spaced at 1" (25 mm) intervals, and attached by interlocking construction to the 3/4" (19 mm) deep welded frame that is screwed into the door on both sides. Custom sizes and finishes are also available.

CRL 700A Series Door Louvers can have a variety of screen wires placed underneath of either panel to prevent unwanted pests from entering through the Louvers. Common 18 x 16 mesh aluminum screen wire is recommended to keep out small insects. These are available only on special order.



CAT. NO.	SIZE W X H	FREE FLOW AREA
700A12X12	12" x 12" (305 x 305 mm)	72 Square Inches
700A18X12	18" x 12" (457 x 305 mm)	108 Square Inches
700A24X12	24" x 12" (610 x 305 mm)	144 Square Inches
700A24X18	24" x 18" (610 x 457 mm)	216 Square Inches
700A24X24	24" x 24" (610 x 610 mm)	288 Square Inches

Minimum order: 1 each. Sizes can be combined for quantity pricing.

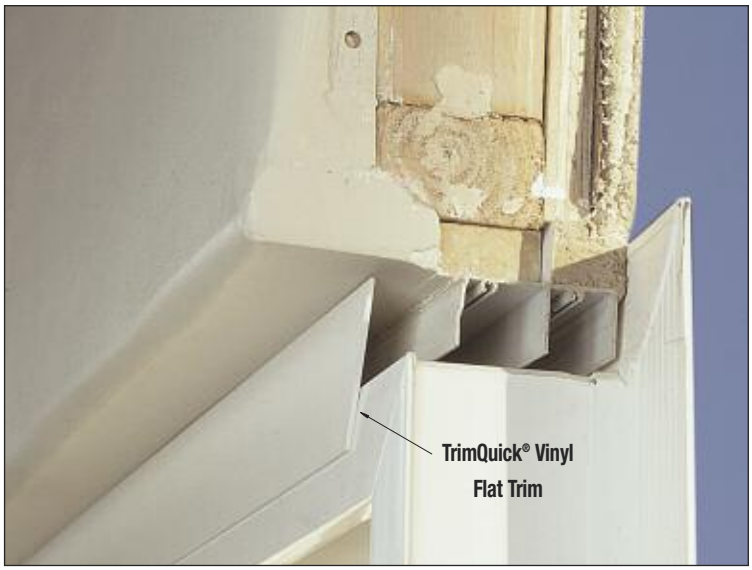
TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL TrimQuick® Vinyl Flat Trim for Retrofitting Windows and Doors

MORE INFORMATION crlaurence.com

- Fill Any Size Gap With an Easy Snap
- Bend, Split, and Strip in Less Than 10 Seconds
- Choose From Two Widths and Three Colors
- Adhesive Strip for Quick and Easy Installation
- Uses Deep Score Technology for Fast Sizing and Smooth Finishes



Use Vinyl Flat Trim to fill gaps when retrofitting over old aluminum frames. Fills any gap between 1/4" and 1-1/2" (6.3 and 38.1 mm).

NOTE: Avoid coiling Trim during storage. This can permanently warp Trim and cause it to move away from the window frame after installation.

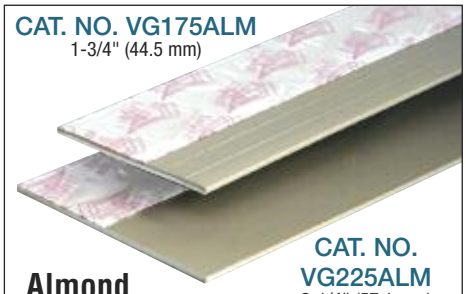
CAT. NO. VG175W
1-3/4" (44.5 mm)



White

CAT. NO. VG225W
2-1/4" (57.1 mm)

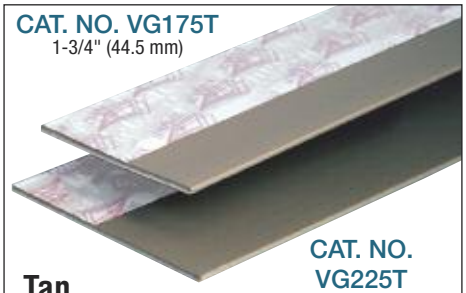
CAT. NO. VG175ALM
1-3/4" (44.5 mm)



Almond

CAT. NO. VG225ALM
2-1/4" (57.1 mm)

CAT. NO. VG175T
1-3/4" (44.5 mm)



Tan

CAT. NO. VG225T
2-1/4" (57.1 mm)

The core product in our selection of TrimQuick® solutions is the Vinyl Flat Trim. Three available colors and a choice of two widths creates some liberty for the installer to deal with the various gap sizes presented when replacement windows are installed over existing steel, vinyl or aluminum frames.

In many cases the gap at the top of the opening is much larger than the gap at the bottom or sides. Installers can easily center new windows side to side. Centering up and down can be more difficult, especially where sills have been built up with stool and apron.

Vinyl Flat Trim is pre-taped for permanent attachment. The adhesive strip will stick to most any clean, dry, and dust-free surface. And since you cut off just what you need from the 12 foot (3.66 m) stock length, there's very little waste.



Bend at the Desired Width



Split the End



Peel for a Clean Finish

DEEP SCORE® EASY SNAP

NOTE ABOUT COLORS:
Tan matches Milgard®. Almond closely matches CertainTeed®, Atrium®, and Anlin®

CAT. NO.	COLOR	WIDTH	THICKNESS	LENGTH	QTY/PKG
VG175W	White	1-3/4" (44.5 mm)	1/16" (1.6 mm)	12' (3.66 m)	25
VG175ALM	Almond	1-3/4" (44.5 mm)	1/16" (1.6 mm)	12' (3.66 m)	25
VG175T	Tan	1-3/4" (44.5 mm)	1/16" (1.6 mm)	12' (3.66 m)	25
VG225W	White	2-1/4" (57.1 mm)	1/16" (1.6 mm)	12' (3.66 m)	25
VG225ALM	Almond	2-1/4" (57.1 mm)	1/16" (1.6 mm)	12' (3.66 m)	25
VG225T	Tan	2-1/4" (57.1 mm)	1/16" (1.6 mm)	12' (3.66 m)	25

Minimum order: 1 each. All CRL TrimQuick® stock lengths can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than five combined stock lengths. Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for UPS. A Cutting Charge will apply.

TrimQuick and Deep Score are registered trademarks of TrimQuick Company.
Milgard is a registered trademark of Milgard Manufacturing Incorporated.
CertainTeed is a registered trademark of CertainTeed Corporation.
Atrium is a registered trademark of Atrium Windows and Doors, Inc.
Anlin is a registered trademark of Anlin Industries, Inc.

TOLL FREE Phone: (800) 421-6144
Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL TrimQuick® Vinyl Window and Patio Door Casing

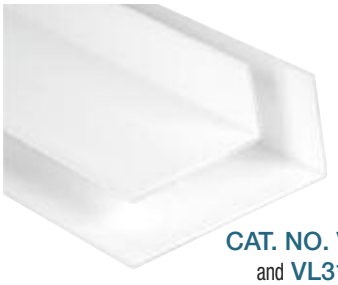
• Quick and Easy to Use for Windows and Patio Doors

CRL TrimQuick® Vinyl Window and Patio Door Casing makes trimming windows and doors easy using our Cat. No. TQ356W Pre-Taped Casing and Cat. No. CNRCLP1 Corner Clips. The miter will hold together with control and accuracy. Use a fine tooth blade like our Cat. No. SHS10X200 to cut the casing like wood.

Our VL21W and VL315W "L" Trim Vinyl can be used as jamb caps for old aluminum frame or wood windows. Just miter or notch the ends and then apply our M64 Polyurethane Sealant to the "L" shape to install. No nailing or painting is required.

Our VL315W "L" Trim Vinyl can be used to cover old, damaged stucco on the base of patio doors. To make a fast waterproof sill pan, just use some pieces of our VL21W "L" Trim and our Z151W "Z" shape Trim Vinyl.

NOTE: TrimQuick® can be painted, after a primer coat has been applied.



CAT. NO. VL21W and VL315W
"L" Trim Vinyl



CAT. NO. Z151W
"Z" Trim Vinyl



CAT. NO. TQ356W
Window Casing Vinyl



CAT. NO. CNRCLP1
Corner Clip for TQ356W

CAT. NO.	DESCRIPTION	SIZE	LENGTH	QTY/PKG
VL21W	White "L" Trim Vinyl	2" x 1" (50.8 x 25.4 mm)	12' (3.66 m)	5
VL315W	White "L" Trim Vinyl	3" x 1-1/2" (76.2 x 38.1 mm)	12' (3.66 m)	5
Z151W	White "Z" Trim Sill Pan Vinyl	7/8" x 4-3/4" x 1" (22.2 x 120.7 x 25.4 mm)	12' (3.66 m)	5
TQ356W	White Window Casing Vinyl	2-1/4" x 1/2" (57.1 x 12.7 mm)	12' (3.66 m)	5
CNRCLP1	Corner Clip for TQ356W	--	--	1

Minimum order: 1 each. All CRL TrimQuick® stock lengths can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than five combined stock lengths. Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for UPS. A Cutting Charge will apply.

MORE INFORMATION crlaurence.com

CRL TrimQuick® Vinyl Stop for Retrofitting Patio Doors

• White Finish UV Protected PVC

• Pre-Applied Adhesive Strip on Two Sides

CRL TrimQuick® Vinyl Stop installs fast, and is ideal for gaps of less than 1/2" (12.7 mm). For gaps larger than 1/2" (12.7 mm) and smaller than 1" (25.4 mm) you can double stack and stagger two pieces, creating an attractive 'stepped' detail.

The white finish UV protected PVC material is pre-taped on two sides. Simply peel back the protective liner, trim, and install. TrimQuick® saves time and expense as you peel, stick, caulk, and then walk away from a beautifully finished installation.

NOTE: TrimQuick® can be painted, after a primer coat has been applied.



Comes in Two Sizes



Vinyl Stop Used as a Jamb Extender



Vinyl Stop Used as a Base Shoe to Cover Gap

CAT. NO.	COLOR	SIZE	LENGTH	QTY/PKG
VS1275W	White	1/2" x 3/4" (12.7 x 19 mm)	12' (3.66 m)	25
VS751W	White	3/4" x 1" (19 x 25.4 mm)	12' (3.66 m)	25

Minimum order: 1 each. All CRL TrimQuick® stock lengths can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than five combined stock lengths. Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for UPS. A Cutting Charge will apply.

TrimQuick is a registered trademark of TrimQuick Company.

CRL Vinyl Weld

- **Bonds PVC to PVC**
- **Choice of Three Matching TrimQuick® Colors**

MSDS ONLINE



Use CRL Vinyl Weld when bonding PVC to PVC. This gives you the ability to weld any part of a vinyl window or door in the field because it cures and becomes rigid PVC. 1/2-ounce (15 ml) tubes have a fine nozzle for precise sealing.



CAT. NO.	COLOR
VW1W	White
VW1ALM	Almond
VW1T	Tan

Minimum order: 1 each.

CRL QuickBit and QuickCaps



- **Drills Two Holes at the Same Time**

MORE INFORMATION crlaurence.com



CRL QuickBit is a Countersink/Driver Bit that creates a 1/8" (3.2 mm) pilot hole for your screw and at the same time forms a 3/8" (9.5 mm) countersink for QuickCaps that are easily pressed into place. QuickCaps include 50 each 3" (76.2 mm) screws and 50 each white hole covers.



The QuickBit starts the hole with an 1/8" Drill Bit…



and finishes the hole with the 3/8" Countersink



Install the Screw



Snap on the QuickCap

CAT. NO.	DESCRIPTION
QU1CKB1T	1 Each QuickBit Drill Kit
QC5050	50 Each QuickCaps Hole Covers and Screws

Minimum order QU1CKB1T: 1 each; QC5050: 1 pack.

TrimQuick is a registered trademark of TrimQuick Company.

CRL Handi-Seal Window and Door Sealant

CAT. NO. F61000



- **Low Pressure and Minimal Expansion Sealing Foam**

SPEC. DATA ONLINE

MSDS ONLINE

NO AIR FREIGHT



Net Wt. 31 Oz. (880 g)

CRL Handi-Seal Window and Door Sealant is a one-component, closed cell polyurethane foam in a pressurized can specially formulated for window and door applications.

Easily dispensed with our Cat. No. F61000 Plastic Dispensing Gun. 12 cans per case. Minimum order is one each.

CAT. NO. P10163

CRL Plastic Cross-Cut Trim Snips

- **Molded 90 Degree Cross Cut Base**



CRL Cross-Cut Trim Snips have a high impact molded plastic base that gives an accurate 2" (51 mm) wide 90 degree cross-cut every time. Snips are perfect for cutting CRL Trim-Quick Moldings and other vinyl trim. Minimum order is one each.

CAT. NO. PTQS2

CRL Adjustable Multi-Cutter Tool

- **Makes Precise Straight or Miter Cuts**
- **Comes With One Blade**



The CRL Adjustable Multi-Cutter is great for cutting glazing vinyl and channel, rubber gaskets, PVC strips, trim molding, and weatherstrip. Simply adjust the guide with the desired angle line on the tool's platform and you have a perfect miter cut every time. Platform is marked at 135, 120, 105, 90, 75, 60 and 45 degrees. The Multi-Cutter is made of high quality steel with vinyl handgrips for comfort when cutting. Includes one blade.

CAT. NO.	DESCRIPTION
MC80N	Adjustable Multi-Cutter Tool
MC80RB	Replacement Blades (5 per Pack)

Minimum order: MC80N is 1 each, MC80RB is 1 pack.

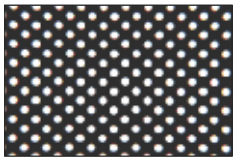
TOLL Phone: (800) 421-6144
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From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Static Cling Dot Matrix Window Film

MORE INFORMATION crlaurence.com

- 75% Solar Energy Rejection
- Simple Press-On Installation
- Easy Peel-Off Removal





CRL Static Cling Dot Matrix Window Film is 100% reusable. It is a black color solar control window film in a dot matrix pattern that virtually eliminates glare and harmful ultraviolet rays, reducing the fading and rotting of upholstery, drapes, and carpet.

The Film holds securely to glass, acrylic, and Lexan® by static electricity, and requires no glue or adhesive. It goes on dry, no messy soap and water solutions needed, so it can be removed and reused as required. It can be used in either exterior or interior applications, except on dual-pane, where it can only be applied to the exterior of the unit. Packages include instructions and an installation tool.

CAT. NO.	SIZE	QTY/PKG
UVX02448	24" x 48" (610 x 1219 mm)	1 Sheet
UVX03648	36" x 48" (914 x 1219 mm)	1 Sheet
UVX03672	36" x 72" (914 x 1829 mm)	1 Sheet
UVX04848	48" x 48" (1219 x 1219 mm)	1 Sheet
UVX04872	48" x 72" (1219 x 1829 mm)	1 Sheet
UVX036100*	36" x 100' (914 mm x 30.5 m)	1 Roll
UVX048100*	48" x 100' (1219 mm x 30.5 m)	1 Roll

Minimum order: 1 each. * Minimum order: 1 roll. All films on this page can be combined for quantity pricing.

CRL Reflective Window Film





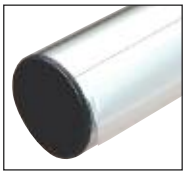
- Reflects Up to 70% of Summer Heat
- Safe for Dual-Pane Units

CRL Reflective Window Film is compatible with standard 1/8" (3 mm) clear residential windows, including single-pane, dual-pane, and removable storm panels. It reduces color fading and deterioration, and will help retain up to 55% of winter heat inside the home. Gray color film is available in two sizes.

CAT. NO.	ROLL SIZE	COLOR
LEG361	36" x 15' (914 mm x 4.5 m)	Light Gray
EGWD536	36" x 100' (914 mm x 30.5 m)	Light Gray

Minimum order: 1 roll. All films on this page can be combined for quantity pricing.

CRL Reflective Window Film





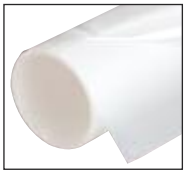
- Reflects Up to 50% of Summer Heat
- Reduces UV Rays By Up to 99%
- Safe for Dual-Pane Units

CRL Reflective Window Film reduces up to 99% of UV-A and UV-B rays, reflecting up to 50% of summer heat. It is compatible with standard 1/8" (3 mm) clear residential windows, including single-pane, dual-pane, and removable storm panels. Mirror silver color film is available in two sizes.

CAT. NO.	ROLL SIZE	COLOR
PRS361	36" x 15' (914 mm x 4.5 m)	Mirror Silver
PRS336	36" x 100' (914 mm x 30.5 m)	Mirror Silver

Minimum order: 1 roll. All films on this page can be combined for quantity pricing.

CRL Privacy Film





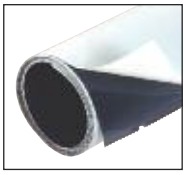
- 24-Hour Privacy Film is Perfect for Bathroom Windows and Doors
- Safe for Dual-Pane Units

CRL Privacy Film is compatible with standard 1/8" (3 mm) clear residential windows, including single-pane, dual-pane, and removable storm panels. The film affords total privacy, and is perfect for bathroom windows and doors. Frosted White Film comes in one size.

CAT. NO.	ROLL SIZE	COLOR
PFW48	48" x 78" (1219 x 1981 mm)	Frosted White

Minimum order: 1 roll. All films on this page can be combined for quantity pricing.

CRL Static Cling Film





- Removable and Reusable Film Reduces Glare
- Safe for Plexiglas

CRL Static Cling Window Film reduces glare, and can be easily removed, stored, and reused. It is compatible with standard 1/8" (3 mm) clear residential windows, including single-pane, dual-pane, and removable storm panels. The film comes in one size and two attractive colors, smoke and bronze.

CAT. NO.	ROLL SIZE	COLOR
CDS78	36" x 78" (914 x 1981 mm)	Smoke
CDB78	36" x 78" (914 x 1981 mm)	Bronze

Minimum order: 1 roll. All films on this page can be combined for quantity pricing.

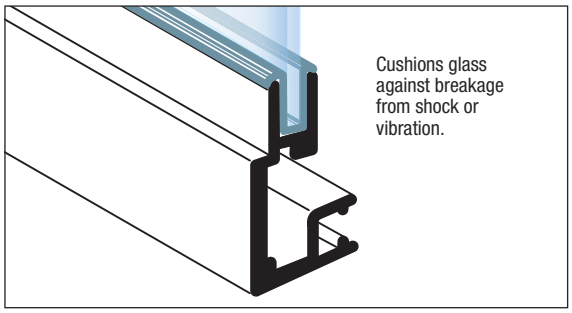
Lexan is a registered trademark of SABIC Innovative Plastics.

CRL Glazing Vinyl

- **For Repairing, Re-Glazing or Fabricating Sliding Windows, Shower Doors, Insulating Glass Adapter Channels, Showcase Frames, and Storm Windows**

MORE CHOICES
crlaurence.com





Cushions glass against breakage from shock or vibration.

Repair, re-glaze or fabricate windows with this 100% extruded virgin vinyl. It comes in a large variety of sizes to accommodate glass from 1/16" (1.6 mm) to 1" (25.4 mm) thick. Use CRL Glazing Vinyl in sliding windows, storm window panels, shower doors, showcase frames, and our Insulating Glass Adapter Channels.

100 and 150 foot (30.5 and 45.7 m) rolls are convenient for the job site. Our 750 and 1,000 foot (229 and 305 m) bulk rolls give fabricators the best economy. All CRL Glazing Vinyl is gray color unless otherwise indicated on these pages. Custom colors can be supplied on special order in minimum quantities of 10,000 feet (3,048 m).

CRL Glazing Vinyl for 3/32" (2 mm) Single Strength Glass



Channel Depth
13/64" (5.2 mm)
Metal Opening
9/64" to 11/64"
(3.6 to 4.4 mm)

CAT. NO.	COLOR	ROLL LENGTH
GC115C	Gray	100' (30.5 m)
GC115M	Gray	1000' (305 m)

Minimum order: one roll.



Channel Depth
9/32" (7.1 mm)
Metal Opening
5/32" to 3/16"
(4.0 to 4.8 mm)

CAT. NO.	COLOR	ROLL LENGTH
GC195C	Gray	100' (30.5 m)
GC195M	Gray	1000' (305 m)

Minimum order: one roll.



Channel Depth
15/64" (6.0 mm)
Metal Opening
5/32" to 1/4"
(4.0 to 6.3 mm)

CAT. NO.	COLOR	ROLL LENGTH
GC460C	Gray	100' (30.5 m)
GC460M	Gray	1000' (305 m)

Minimum order: one roll.



Channel Depth
19/64" (7.5 mm)
Metal Opening
15/64" to 9/32"
(6.0 to 7.1 mm)

CAT. NO.	COLOR	ROLL LENGTH
GC673C	Gray	100' (30.5 m)
GC673M	Gray	1000' (305 m)

Minimum order: one roll.



Channel Depth
17/64" (6.7 mm)
Metal Opening
3/16" to 1/4"
(4.8 to 6.4 mm)

Also for use with Double Strength Glass.

CAT. NO.	COLOR	ROLL LENGTH
GC723C	Gray	100' (30.5 m)
GC723M	Gray	1000' (305 m)

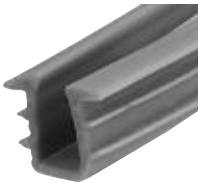
Minimum order: one roll.



Channel Depth
17/32" (13.5 mm)
Metal Opening
7/32" (5.6 mm)

CAT. NO.	COLOR	ROLL LENGTH
GC726C	Gray	100' (30.5 m)
GC726M	Gray	1000' (305 m)

Minimum order: one roll.



Channel Depth
1/8" (3.2 mm)
Metal Opening
1/8" (3.2 mm)

CAT. NO.	COLOR	ROLL LENGTH
GC800C	Gray	100' (30.5 m)
GC800M	Gray	1000' (305 m)

Minimum order: one roll.



Channel Depth
11/32" (8.7 mm)
Metal Opening
9/32" (7.1 mm)

CAT. NO.	COLOR	ROLL LENGTH
D754C	Gray	100' (30.5 m)
D754M	Gray	1000' (305 m)

Minimum order: one roll.



Channel Depth
1/4" (6.4 mm)
Metal Opening
5/32" to 1/4"
(4.0 to 6.4 mm)

NOTE: Back is machine slit every 5/8" (16 mm) for fast, easy, consistent corner forming.

CAT. NO.	COLOR	ROLL LENGTH
3800180	Black	750' (229 m)

Minimum order: one roll.

All sizes of Glazing Vinyl can be combined for quantity pricing.

CRL Glazing Vinyl for 1/8" (3 mm) Double Strength Glass

MORE CHOICES crlaurence.com



Channel Depth
9/32" (7.1 mm)
Metal Opening
1/4" to 19/64"
(6.3 to 7.5 mm)

CAT. NO.	COLOR	ROLL LENGTH
GC722C	Gray	100' (30.5 m)
GC722M	Gray	1000' (305 m)

Minimum order: 1 roll.



Channel Depth
15/64" (6.0 mm)
Metal Opening
7/32" to 15/64"
(5.6 to 6.0 mm)

Also for use with
Cat. No. F2637
Window Frame.

CAT. NO.	COLOR	ROLL LENGTH
GC724C	Gray	100' (30.5 m)
GC724M	Gray	1000' (305 m)

Minimum order: 1 roll.



Channel Depth
1/4" (6.4 mm)
Metal Opening
7/32" to 15/64"
(5.6 to 6.0 mm)

Back is machine slit every 5/8" (16 mm) for fast, easy, consistent corner forming.

CAT. NO.	COLOR	ROLL LENGTH
3800210	Black	1000' (305 m)

Minimum order: 1 roll.



Channel Depth
13/32" (10.3 mm)
Metal Opening
9/32" (7.1 mm)

CAT. NO.	COLOR	ROLL LENGTH
D753C	Gray	100' (30.5 m)
D753M	Gray	1000' (305 m)

Minimum order: 1 roll.



Channel Depth
1/2" (12.7 mm)
Metal Opening
9/64" to 11/64"
(3.6 to 4.4 mm)

CAT. NO.	COLOR	ROLL LENGTH
GC725C	Gray	100' (30.5 m)
GC725M	Gray	1000' (305 m)

Minimum order: 1 roll.



Channel Depth
15/32" (12 mm)
Metal Opening
1/2" (12.7 mm)

Reduces 1/2" insulating glass opening to accept DS glass. Back is machine slit every 5/8" (16 mm) for fast, easy, consistent corner forming.

CAT. NO.	COLOR	ROLL LENGTH
3800078	Black	150' (45.7 m)

Minimum order: 1 roll.

CRL Glazing Vinyl for 3/16" (5 mm) and 7/32" (5.5 mm) Glass



Channel Depth
3/8" (9.5 mm)
Metal Opening
11/32" to 3/8"
(8.7 to 9.5 mm)

CAT. NO.	COLOR	ROLL LENGTH
GC727C	Gray	100' (30.5 m)
GC727M	Gray	1000' (305 m)

Minimum order: 1 roll.



Channel Depth
11/32" (8.7 mm)
Metal Opening
9/32" (7.1 mm)

CAT. NO.	COLOR	ROLL LENGTH
D752C	Gray	100' (30.5 m)
D752M	Gray	1000' (305 m)

Minimum order: 1 roll.



Channel Depth
11/32" (8.7 mm)
Metal Opening
5/16" (7.9 mm)

CAT. NO.	COLOR	ROLL LENGTH
GC728C	Gray	100' (30.5 m)
GC728M	Gray	1000' (305 m)

Minimum order: 1 roll.



Channel Depth
3/8" (9.5 mm)
Metal Opening
19/64" (7.5 mm)

CAT. NO.	COLOR	ROLL LENGTH
SDV732C	Gray	100' (30.5 m)
SDV732M	Gray	1000' (305 m)

Minimum order: 1 roll.



Channel Depth
5/16" (7.9 mm)
Metal Opening
9/32" (7.1 mm)

CAT. NO.	COLOR	ROLL LENGTH
D749C	Gray	100' (30.5 m)
D749M	Gray	1000' (305 m)

Minimum order: 1 roll.



Channel Depth
15/32" (12 mm)
Metal Opening
3/4" (19 mm)

Reduces 3/4" insulating glass opening to accept 3/16" (5 mm) glass. Unique webbed profile will compress to 5/8" (16 mm) openings.

CAT. NO.	COLOR	ROLL LENGTH
3800908	Black	250' (76.2 m)

Minimum order: 1 roll.

All sizes of Glazing Vinyl can be combined for quantity pricing.

CRL Glazing Vinyl for 1/4" (6 mm) Glass

MORE CHOICES crlaurence.com



Channel Depth
9/16" (14.3 mm)
Metal Opening
11/32" (8.7 mm)

CAT. NO.	COLOR	ROLL LENGTH
GC729C	Gray	100' (30.5 m)
GC729M	Gray	1000' (305 m)

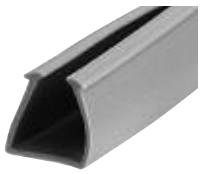
Minimum order: 100 feet.



Channel Depth
3/8" (9.5 mm)
Metal Opening
19/64" (7.5 mm)

CAT. NO.	COLOR	ROLL LENGTH
SDV734C	Gray	100' (30.5 m)
SDV734M	Gray	1000' (305 m)

Minimum order: 100 feet.



Channel Depth
1/4" (6.3 mm)
Metal Opening
9/32" (7.1 mm)

CAT. NO.	COLOR	ROLL LENGTH
D751C	Gray	100' (30.5 m)
D751M	Gray	1000' (305 m)

Minimum order: 100 feet.

CRL Glazing Vinyl for Thick Glass and Insulating Glass Units



Channel Depth
7/16" (11.1 mm)
Metal Opening
5/8" (15.9 mm)

Holds 1/2" (12 mm) glass or insulating glass units in our Insulating Glass Adapter (see pages SF127 to SF130).

CAT. NO.	COLOR	ROLL LENGTH
WV3866	Black	100' (30.5 m)

Minimum order: 100 feet.



Channel Depth
7/16" (11.1 mm)
Metal Opening
3/4" (19 mm)

Holds 5/8" (16 mm) glass or insulating glass units (see pages SF127 to SF130).

CAT. NO.	COLOR	ROLL LENGTH
WV3865	Black	100' (30.5 m)

Minimum order: 100 feet.



Channel Depth
7/16" (11.1 mm)
Metal Opening
7/8" (22.2 mm)

Holds 3/4" (19 mm) glass or insulating glass units in our Insulating Glass Adapter (see pages SF127 to SF130).

CAT. NO.	COLOR	ROLL LENGTH
PDV3867	Black	100' (30.5 m)

Minimum order: 100 feet.



Channel Depth
7/16" (11.1 mm)
Metal Opening
1" (25.4 mm)

Holds 7/8" (22 mm) glass or insulating glass units in our Insulating Glass Adapter (see pages SF127 to SF130).

CAT. NO.	COLOR	ROLL LENGTH
WV3868	Black	100' (30.5 m)

Minimum order: 100 feet.



Channel Depth
7/16" (11.1 mm)
Metal Opening
1-1/8" (28.6 mm)

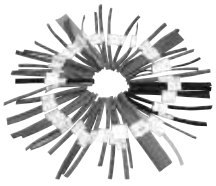
Holds 1" (25.4 mm) glass or insulating glass units.

CAT. NO.	COLOR	ROLL LENGTH
WV3869	Black	100' (30.5 m)

Minimum order: 100 feet.

CRL Vinyl Sample Chain

- **An Easy Way to Choose the Correct Vinyl for Every Job**



This handy Sample Chain has a small piece of each CRL Glazing Vinyl, Channel, and Spline. Each item is tagged with the catalog number for easy ordering. Minimum order is one each.

CAT. NO. VSC50

CRL Track Vinyl



Channel Depth
7/32" (5.6 mm)
Metal Opening
5/16" (7.9 mm)

Holds 3/16" to 1/4" (5 to 6 mm) glass securely in D610, LK610, KK610, and MC610 H-Bar used in sliding track assemblies.

CAT. NO.	COLOR	ROLL LENGTH
DV765C	Gray	100' (30.5 m)
DV765M	Gray	1000' (305 m)

Minimum order: 1 roll.

CRL Track Vinyl



Channel Depth
13/32" (10.3 mm)
Metal Opening
11/32" (8.7 mm)

Holds 3/16" (5 mm) glass securely in DV146 H-Bar used in sliding track assemblies.

CAT. NO.	COLOR	ROLL LENGTH
DV144C	Gray	100' (30.5 m)
DV144M	Gray	1000' (305 m)

Minimum order: 1 roll.

All sizes of Glazing Vinyl can be combined for quantity pricing.

CRL Semi-Rigid Vinyl



Channel Depth
3/8" (9.5 mm)
Metal Opening
5/16" (7.9 mm)

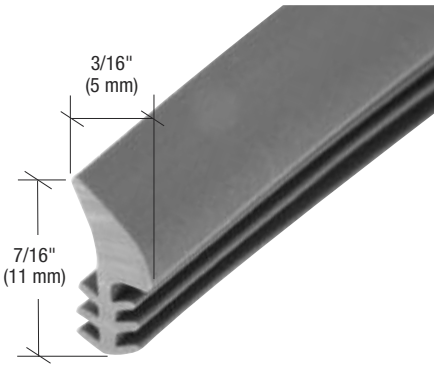
Holds 1/4" (6 mm) glass securely in Aluminum Showcase Frame Extrusion.

CAT. NO.	COLOR	STOCK LENGTH
D781S	Silver	12'2" (3.7 m)
D781G	Gold	12'2" (3.7 m)
D781FB	Flat Black	12'2" (3.7 m)

Minimum order: 1 stock length. Packing Charge added to orders of fewer than 10 lengths. Stock lengths must ship common carrier, unless you specify we cut them for U.P.S. A Cutting Charge will apply.

CRL Glazing Spline

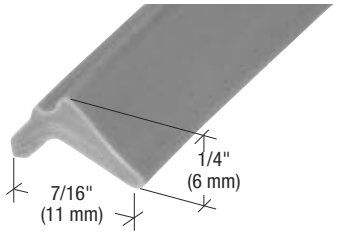
MORE CHOICES crlaurence.com



- **Universal Spline Fits 90-95% of All Spline-Type Aluminum Windows**
- **Eliminates the Need to Stock Many Different Sizes**

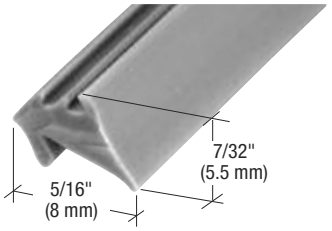
CAT. NO.	COLOR	ROLL LENGTH
GS301C	Gray	100' (30.5 m)
GS301M	Gray	1000' (305 m)
GS301BLC	Black	100' (30.5 m)
GS301BLM	Black	1000' (305 m)

Minimum order: 1 roll.



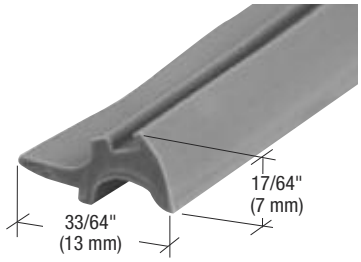
CAT. NO.	COLOR	ROLL LENGTH
GS316C	Gray	100' (30.5 m)
GS316M	Gray	1000' (305 m)

Minimum order: 1 roll.



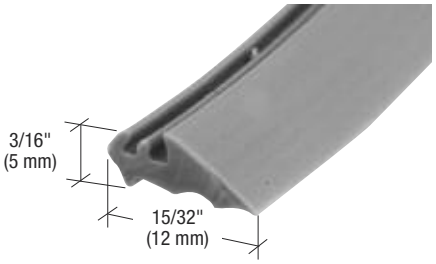
CAT. NO.	COLOR	ROLL LENGTH
GS476C	Gray	100' (30.5 m)
GS476M	Gray	1000' (305 m)

Minimum order: 1 roll.



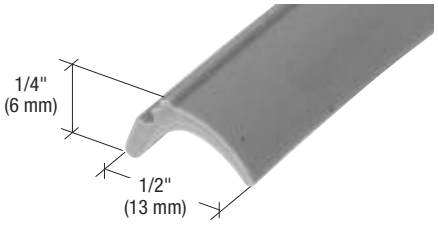
CAT. NO.	COLOR	ROLL LENGTH
GS708C	Gray	100' (30.5 m)
GS708M	Gray	1000' (305 m)

Minimum order: 1 roll.



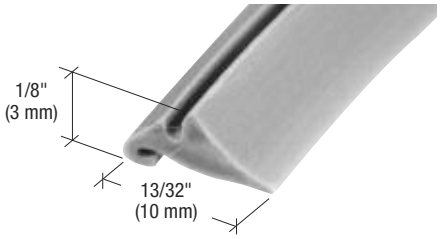
CAT. NO.	COLOR	ROLL LENGTH
GS765C	Gray	100' (30.5 m)
GS765M	Gray	1000' (305 m)

Minimum order: 1 roll.



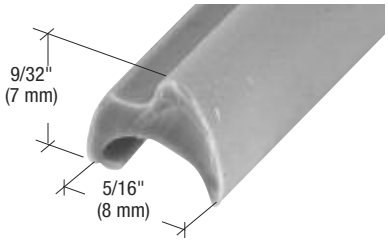
CAT. NO.	COLOR	ROLL LENGTH
GS111C	Gray	100' (30.5 m)
GS111M	Gray	1000' (305 m)

Minimum order: 1 roll.



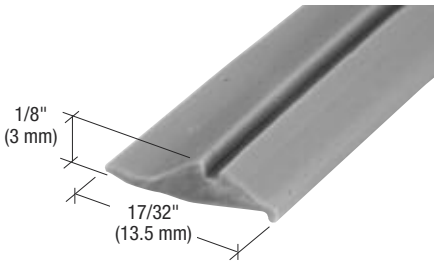
CAT. NO.	COLOR	ROLL LENGTH
GS112C	Gray	100' (30.5 m)
GS112M	Gray	1000' (305 m)

Minimum order: 1 roll.



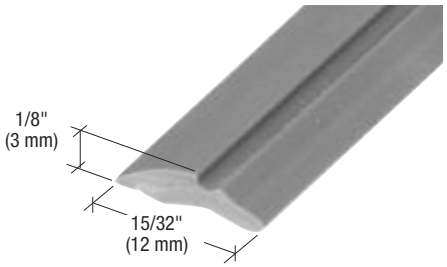
CAT. NO.	COLOR	ROLL LENGTH
GS118C	Gray	100' (30.5 m)
GS118M	Gray	1000' (305 m)

Minimum order: 1 roll.



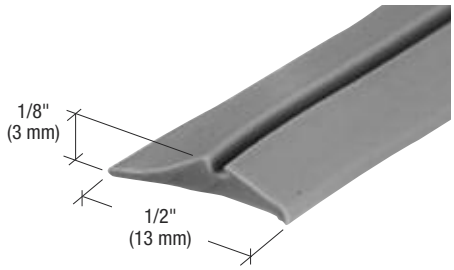
CAT. NO.	COLOR	ROLL LENGTH
GS231C	Gray	100' (30.5 m)
GS231M	Gray	1000' (305 m)

Minimum order: 1 roll.



CAT. NO.	COLOR	ROLL LENGTH
GS232C	Gray	100' (30.5 m)
GS232M	Gray	1000' (305 m)

Minimum order: 1 roll.



CAT. NO.	COLOR	ROLL LENGTH
GS233C	Gray	100' (30.5 m)
GS233M	Gray	1000' (305 m)

Minimum order: 1 roll.

All sizes of Glazing Spline can be combined for quantity pricing.

CRL Vinyl Roller Tools

- **Knurl Diamond Grip and a Ball Bearing Wheel**





VR17 Extra Long Vinyl Roller Tool

VR04 Standard Vinyl Roller Tool

VR10 Blue Handle Vinyl Roller Tool

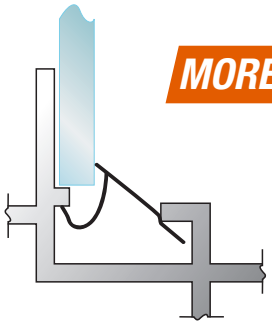
CRL Vinyl Roller Tools aid in the insertion of Glazing Vinyls and Gaskets in window assemblies and heavy aluminum base shoe. Replacement rollers are available; for VR17 and VR04 order Cat. No. RVW112; for VR10 order Cat. No. VR10RW

CAT. NO.	DESCRIPTION
VR17	Extra Long 17" (432 mm) Vinyl Roller
VR04	Standard 11" (279 mm) Vinyl Roller
VR10	Blue Handle 11" (279 mm) Vinyl Roller

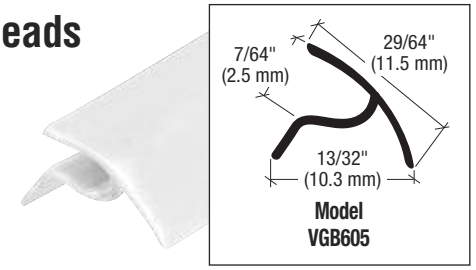
Minimum order: 1 each.

CRL Snap-In Vinyl Glazing Beads

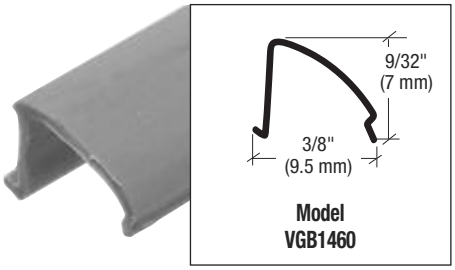
- **Available in Three Colors: White, Gray, and Bronze**
- **Simple Snap-In Installation**
- **Leaves a Neat, Clean Sight Line**



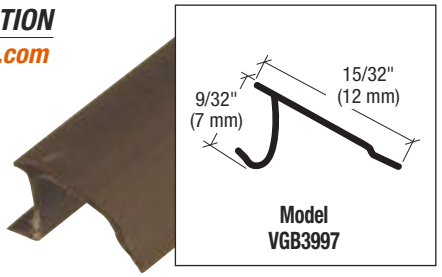
MORE INFORMATION crlaurence.com



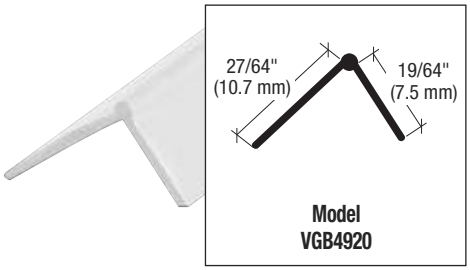
Model VGB605



Model VGB1460



Model VGB3997



Model VGB4920

CRL Snap-In Vinyl Glazing Bead is used on aluminum windows between the glass and outer channel. When glazing bead is "snapped-in", all that remains visible is a neat "bead" that leaves the window with a clean sight line. It is available in white, gray, and bronze. Packed 20 lengths per box.

WHITE CAT. NO.	GRAY CAT NO.	BRONZE CAT. NO.	LENGTH
VGB605W	VGB605GRY	VGB605BRZ	72" (1.8 m)
VGB1460W	VGB1460GRY	VGB1460BRZ	72" (1.8 m)
VGB3997W	VGB3997GRY	VGB3997BRZ	72" (1.8 m)
VGB4920W	VGB4920GRY	VGB4920BRZ	72" (1.8 m)

Minimum order: 20 each of one color and shape. Must be ordered in increments of 20.
All Glazing Bead can be combined for quantity pricing.

CRL Sash Clips



This 18 gauge residential Steel Sash Clip is used for both single or double thickness glass. It's our most widely used glazing clip. Both legs have a small bend at the end.

CAT. NO.	QTY/BOX
1800	1000
1800BULK	25000

Minimum order: 1 box. All Sash Clips can be combined for quantity pricing.



These heavyweight Steel Sash Clips are designed for use on 1/4" (6 mm) plate or rough glass in commercial installations. Each of the two legs has a small bend at the end.

CAT. NO.	QTY/BOX
1675	1000

Minimum order: 1 box. All Sash Clips can be combined for quantity pricing.



Butterfly style Sash Clip intended for use on aluminum channel sash.

CAT. NO.	QTY/BOX
W19	1000

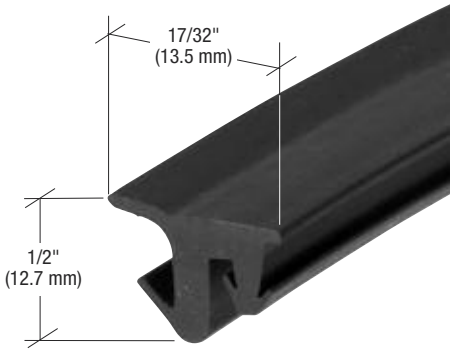
Minimum order: 1 box. All Sash Clips can be combined for quantity pricing.

CRL Universal Storefront Gasket

- Black EPDM Top Load Gasket
- For 1/4" and 1" (6 and 25 mm) Glazing

MORE CHOICES crlaurence.com

NP225 is a top load, black EPDM Glazing Gasket commonly used with our storefronts and window wall systems when glazing 1/4" and 1" (6 and 25 mm) glass. For easy installation we recommend our Vinyl Roller Tools (see page DW137).



CAT. NO.	ROLL LENGTH
NP225	500' (152.4 m)

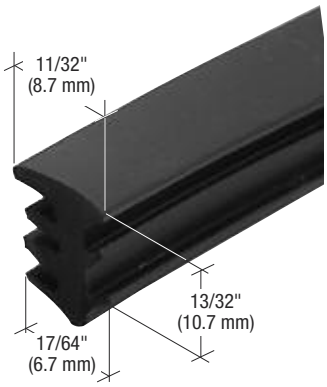
Minimum order: 1 roll.

CRL Universal Roll-In Vinyl

- Non-Stretch Black Vinyl Fits Most Pocket Storefront Systems

CRL Universal Roll-In Storefront Vinyl is a non-stretch black poly vinyl chloride which was developed to work in most storefront pocket glazed extrusions. The security legs were designed to grip tightly in many different manufacturer's extrusions, allowing the glass shop to stock only one vinyl. Even though this Vinyl will fit most applications, we suggest that the user test for his particular need. For easy installation we recommend our Vinyl Roller Tools (see page DW137).





CAT. NO.	ROLL LENGTH
SFV335C	100' (30.5 m)
SFV335M	1000' (305 m)

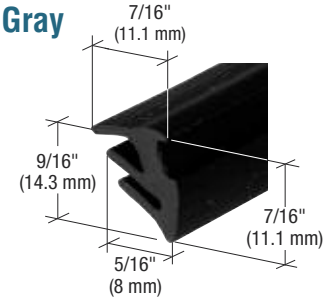
Minimum order: 1 roll.

CRL Roll-In Glazing Gaskets • Available in Black or Gray

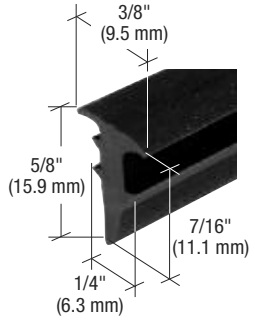
CRL Roll-In Glazing Gasket for 3/8" (10 mm) and 1/2" (12 mm) thick glass provides an easy way of glazing glass. It eliminates using messy silicone sealant and the clean up that follows.

BLACK CAT. NO.	GRAY CAT. NO.	GLASS THICKNESS	ROLL LENGTH
RG38100	RGG38100	3/8" (10 mm)	100' (30.5 m)
RG38500	---	3/8" (10 mm)	500' (152.4 m)
RG12100	RGG12100	1/2" (12 mm)	100' (30.5 m)
RG12500	---	1/2" (12 mm)	500' (152.4 m)

Minimum order: 1 roll.

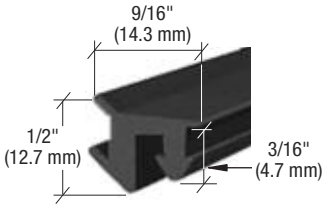


Gasket for 3/8" (10 mm) Glazing

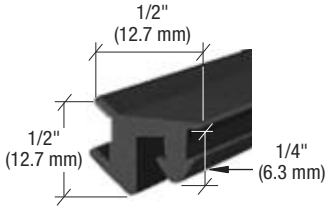


Gasket for 1/2" (12 mm) Glazing

CRL Roll-In EPDM Gasket for Sidelite Rails



Gasket for 3/8" (10 mm) Glazing



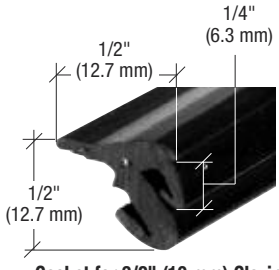
Gasket for 1/2" (12 mm) Glazing

This black CRL Glazing Gasket is used to dry glaze 3/8" (10 mm) and 1/2" (12 mm) thick glass CRL Sidelite Rails and CRL U-Channel with Roll-In Top Load Gasket materials.

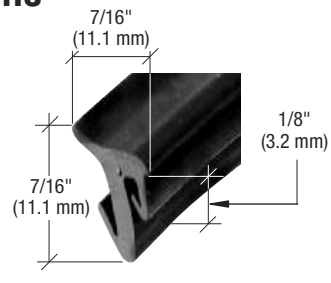
CAT. NO.	GLASS THICKNESS	ROLL LENGTH
GG38100	3/8" (10 mm)	100' (30.5 m)
GG38500	3/8" (10 mm)	500' (152.4 m)
GG12100	1/2" (12 mm)	100' (30.5 m)
GG12500	1/2" (12 mm)	500' (152.4 m)

Minimum order: 1 roll.

CRL Roll-In EPDM Gasket for Tapered Sidelite Rails



Gasket for 3/8" (10 mm) Glazing



Gasket for 1/2" (12 mm) Glazing

This black CRL Glazing Gasket is used to dry glaze 3/8" (10 mm) and 1/2" (12 mm) thick glass in CRL Tapered Sidelite Rails and CRL U-Channels.

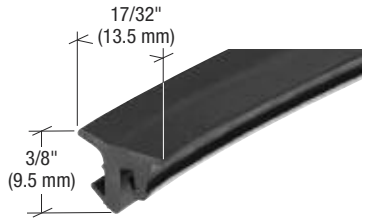
CAT. NO.	GLASS THICKNESS	ROLL LENGTH
GGT38100	3/8" (10 mm)	100' (30.5 m)
GGT38500	3/8" (10 mm)	500' (152.4 m)
GGT12100	1/2" (12 mm)	100' (30.5 m)
GGT12500	1/2" (12 mm)	500' (152.4 m)

Minimum order: 1 roll.

CRL Glazing Gaskets for Storefronts, Curtain Walls, and Window Walls

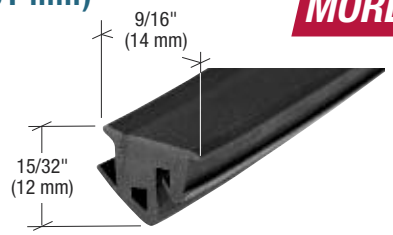
• For Glazing Infills 1/4" to 2" (6 to 51 mm)

MORE CHOICES crlaurence.com



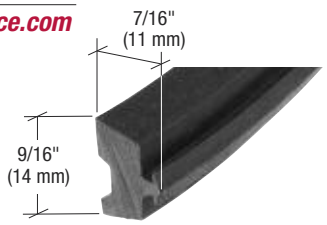
CAT. NO.	TYPE	ROLL LENGTH
NP238	EPDM	500' (152.4 m)

Minimum order: 1 roll.



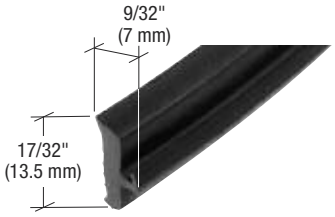
CAT. NO.	TYPE	ROLL LENGTH
NP218	EPDM	250' (76.2 m)

Minimum order: 1 roll.



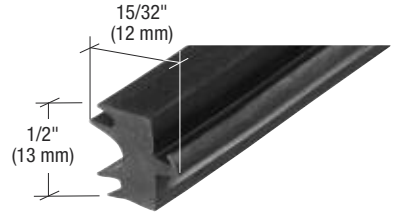
CAT. NO.	TYPE	ROLL LENGTH
NP430	EPDM	250' (76.2 m)

Minimum order: 1 roll.



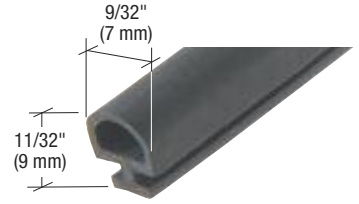
CAT. NO.	TYPE	ROLL LENGTH
NP432	EPDM	500' (152.4 m)

Minimum order: 1 roll.



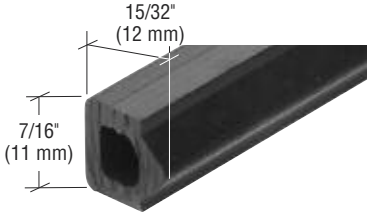
CAT. NO.	TYPE	ROLL LENGTH
NP726	EPDM	250' (76.2 m)

Minimum order: 1 roll.



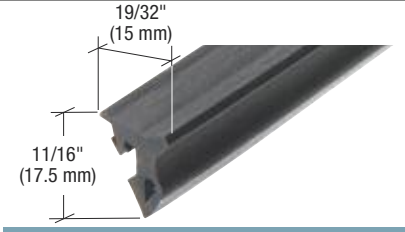
CAT. NO.	TYPE	ROLL LENGTH
NP270	EPDM	500' (152.4 m)

Minimum order: 1 roll.



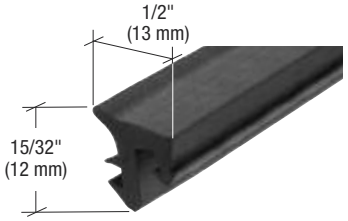
CAT. NO.	TYPE	ROLL LENGTH
SP455	EPDM	250' (76.2 m)

Minimum order: 1 roll.



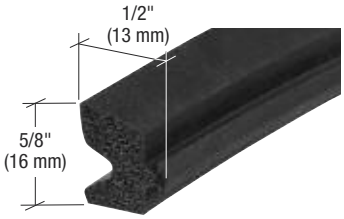
CAT. NO.	TYPE	ROLL LENGTH
NP825	EPDM	250' (76.2 m)

Minimum order: 1 roll.



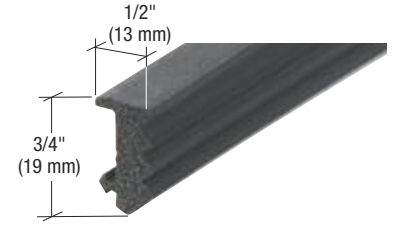
CAT. NO.	TYPE	ROLL LENGTH
NP299	EPDM	500' (152.4 m)

Minimum order: 1 roll.



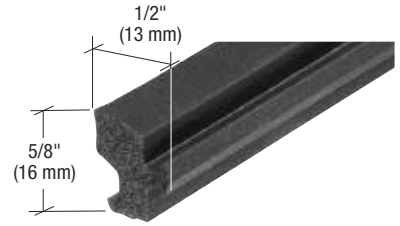
CAT. NO.	TYPE	ROLL LENGTH
NP420	EPDM Sponge	250' (76.2 m)

Minimum order: 1 roll.



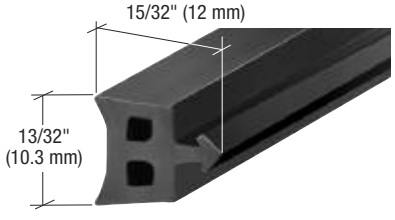
CAT. NO.	TYPE	ROLL LENGTH
NP826	EPDM Sponge	250' (76.2 m)

Minimum order: 1 roll.



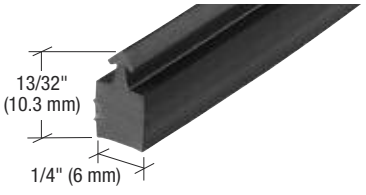
CAT. NO.	TYPE	ROLL LENGTH
NP421	EPDM Sponge	500' (152.4 m)

Minimum order: 1 roll.



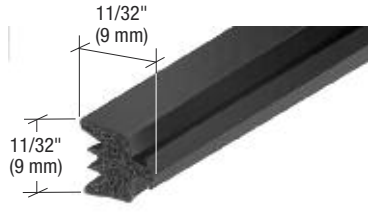
CAT. NO.	TYPE	ROLL LENGTH
SP450	Silicone Rubber	250' (76.2 m)

Minimum order: 1 roll.



CAT. NO.	TYPE	ROLL LENGTH
SP250	Silicone Rubber	250' (76.2 m)

Minimum order: 1 roll.



CAT. NO.	TYPE	ROLL LENGTH
NP716	Sponge Rubber	500' (152.4 m)

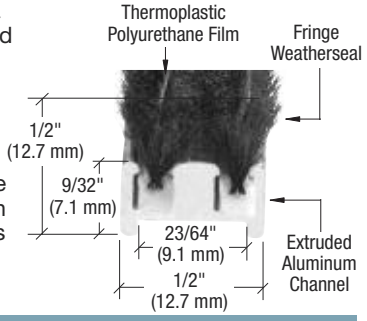
Minimum order: 1 roll.

CRL Narrow Commercial Door Astragal With Weathership



- Extruded Aluminum Channel Weatherstrip
- Retrofits Kawneer® Astragals

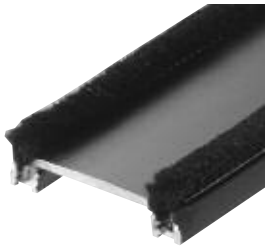
The CRL Narrow Commercial Door Astragal installs with just a screwdriver and the pre-punched spring tensioners assure fast, easy adjustment to the mating surface. It is similar to, and will retrofit, Kawneer® astragals with a center channel width of 1/2" (12.7 mm) or more. **NOTE:** There are six spring clips included with each Astragal. If additional clips are needed order our Cat. No. R011GCL1P.



CAT. NO.	FINISH	LENGTH
R011G83L	Mill Aluminum	84" (2133 mm)
R011G96L	Mill Aluminum	96" (2438 mm)
R011GCL1P	– – –	*Spring Clip

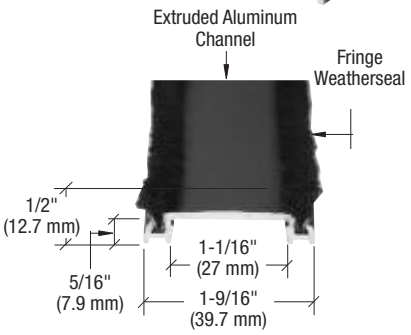
Minimum order: 1 each. *Minimum order: 6 each for Spring Clips.

CRL Wide Commercial Door Astragal With Weathership



- Extruded Aluminum Channel Weatherstrip
- Retrofits U.S. Aluminum Adjustable Astragal

This CRL Adjustable Astragal is now available for replacement of meeting Stile Astragals found on existing pairs of U.S. Aluminum doors. The Adjustable Astragal comes spring loaded with weatherseal on two sides for optimum air resistance. **NOTE:** Preparation for lock cut-out required.



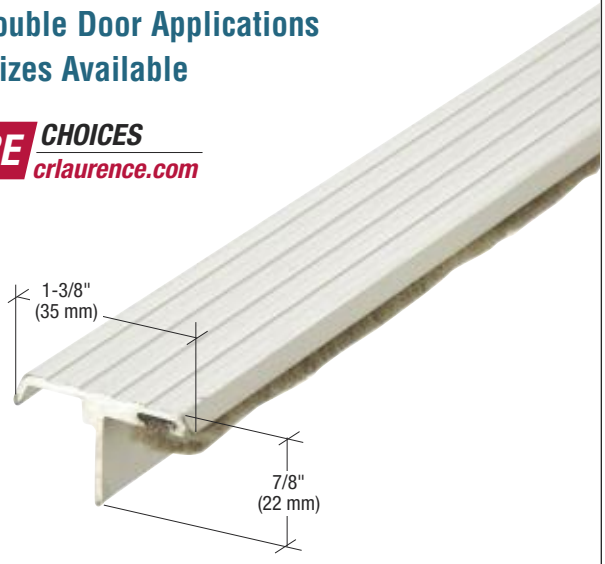
CAT. NO.	FINISH	LENGTH
HP35711	Clear Anodized	84" (2133 mm)
HP35722	Bronze Anodized	84" (2133 mm)

Minimum order: 1 each.

CRL Overlapping Door Astragal

- For Double Door Applications
- Two Sizes Available

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The CRL Overlapping Door Astragal is made from extruded aluminum. It has a gray pile weatherstrip on one side to provide a weather tight seal.

CAT. NO.	FINISH	LENGTH
95PA84	Clear Anodized	84" (2133 mm)
95PD84	Bronze Anodized	84" (2133 mm)
95PA96	Clear Anodized	96" (2438 mm)
95PD96	Bronze Anodized	96" (2438 mm)

Minimum order: 1 each.

CRL Automatic Security Astragal

- Non-Handed and Field-Sizeable
- Two Anodized Finishes



This CRL Automatic Security Astragal is a simple, yet effective weatherstrip for paired doors. It quickly and quietly moves out of the way when the door is opened. The header-mounted cam guides the astragal strip back into its overlapping position automatically when either door is closed without requiring a coordinator. When closed, the Astragal forms an effective weatherseal that is wind, dust, and insect resistant. It also provides door security and does not show from exterior. No cutting or other modifications need to be made to the doors prior to installation. It's reversible, and can be used on any new or existing pair of outswinging doors.

CAT. NO.	FINISH	LENGTH
37896A	Clear Anodized	96" (2438 mm)
37896DU	Bronze Anodized	96" (2438 mm)

Minimum order: 1 each. Finishes can be combined for quantity pricing.

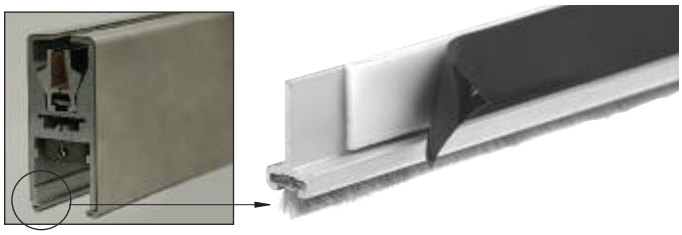
Kawneer is a registered trademark of Alcoa Inc., and its subsidiaries and affiliates.

CRL Pile Weatherstrip for Door Rails

- **Specially Designed to Help Reduce Air and Water Infiltration**
- **Fits All CRL Door Rails**
- **Available in Two Finishes**

These Pile Weatherstrips attach without modifications to the specially designed recess on the inside of the Door Rail using the Very Hi-Bond Tape that is already attached to each piece.

Our Door Rails are designed specifically to receive the Pile Weatherstrips in a way that will not obstruct the standard hardware used in the Door Rails. You can order them to fit stock Door Rails, or in 144" (3.66 m) stock lengths that can be cut to fit custom door rails.



CAT. NO.	TYPE	FINISH	UNIT
DRWSAS	Single Door Rail	Satin Anodized	Set of 2
DRWDUS	Single Door Rail	Black Bronze Anodized	Set of 2
DRWSA144	*Stock Length	Satin Anodized	144" (3.66 m)
DRWDU144	*Stock Length	Black Bronze Anodized	144" (3.66 m)

Minimum order: 1 set or stock length. Finishes can be combined for quantity pricing. Packing Charge added to orders of fewer than 5 combined lengths of DRWSA144 and DRWDU144. *Stock lengths must ship common carrier, unless you specify we cut them for UPS. A Cutting Charge will apply.

CRL Weatherstrip Kits for Heavy Glass Doors With Door Rails

CRL US ALUMINUM MANUFACTURED IN THE USA

MORE CHOICES crlaurence.com

- **Low Profile Maximizes 'All-Glass' Look**
- **Reduces Drafts Without Detracting From Appearance of Door**
- **Clear Polycarbonate or Metal Channel for 1/2" (12 mm) Thick Glass**

CRL Weatherstrip Kits for 'all-glass' doors are available to fit doors using our 4" (102 mm) Tapered or 4", 6", or 10" (102, 152, or 254 mm) Square Door Rails. The Kits include a 98" (2.49 m) length of either Clear Polycarbonate or polished finish Aluminum Extrusions with 106" (2.69 m) of Wool Pile Weatherstrip, plus a top and bottom Split End Cap with a Center Weatherstrip Receptacle Bar. All Weatherstrip Kits are easy to install using our Transparent Very Hi-Bond Tape (see page SF059).

IMPORTANT NOTE: The door glass width will need to be reduced by 1/4" (6 mm) on each side that the Weatherstrip Kits are to be installed on.



Full Length Wool Pile Weatherstrip



KITS FOR 4" (102 MM) TAPERED RAILS

CLEAR POLYCARBONATE CAT. NO.	ALUMINUM CAT. NO.	FINISH
CTW12SA	---	Satin Anodized
CTW12DU	---	Black Bronze Anodized
CTW12BS	MTW12BS	Brushed Stainless
CTW12PS	MTW12PS	Polished Stainless
CTW12PB	MTW12PB	Polished Brass

Minimum order: 1 each. All Weatherstrip Kits can be combined for quantity pricing.

KITS FOR 4" (102 MM) SQUARE RAILS

CLEAR POLYCARBONATE CAT. NO.	ALUMINUM CAT. NO.	FINISH
CSW12SA	---	Satin Anodized
CSW12DU	---	Black Bronze Anodized
CSW12BS	MSW12BS	Brushed Stainless
CSW12PS	MSW12PS	Polished Stainless
CSW12PB	MSW12PB	Polished Brass

Minimum order: 1 each. All Weatherstrip Kits can be combined for quantity pricing.

KITS FOR 6" (152 MM) SQUARE RAILS

CLEAR POLYCARBONATE CAT. NO.	ALUMINUM CAT. NO.	FINISH
6CSW12SA	---	Satin Anodized
6CSW12DU	---	Black Bronze Anodized
6CSW12BS	6MSW12BS	Brushed Stainless
6CSW12PS	6MSW12PS	Polished Stainless
6CSW12PB	6MSW12PB	Polished Brass

Minimum order: 1 each. All Weatherstrip Kits can be combined for quantity pricing.

KITS FOR 10" (254 MM) SQUARE RAILS

CLEAR POLYCARBONATE CAT. NO.	ALUMINUM CAT. NO.	FINISH
10CSW12SA	---	Satin Anodized
10CSW12DU	---	Black Bronze Anodized
10CSW12BS	10MSW12BS	Brushed Stainless
10CSW12PS	10MSW12PS	Polished Stainless
10CSW12PB	10MSW12PB	Polished Brass

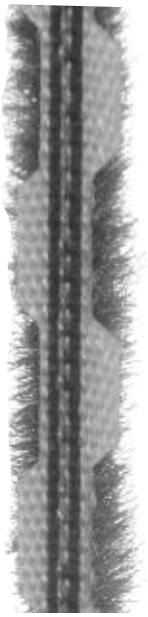
Minimum order: 1 each. All Weatherstrip Kits can be combined for quantity pricing.

CRL Zipper Pile Weatherstrip

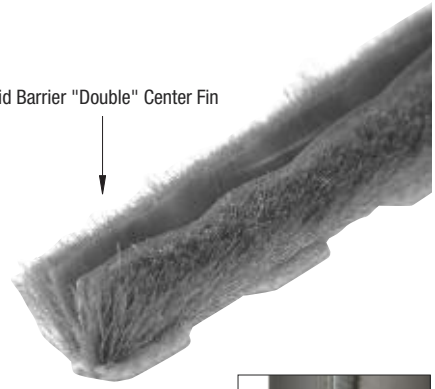
- **Replaces Old or Worn-Out Pile Weatherstripping in Doors and Windows**
- **New Zipper Tooth Backing Design Allows Pile to Easily Snap in From Above the Extrusion Slot**
- **High Density Gray Pile With Double Center Fin**

CRL Zipper Pile Weatherstrip is a full density, high performance, water-resistant pile woven to a unique zipper tooth design polypropylene backing. The new zipper tooth backing design allows the pile to easily snap into the extrusion slot from above rather than having to slide the pile in from the ends. Whether it's being used in manufacturing or retrofitted, the application is much easier and faster. It even works if the slot is slightly off size.

Zipper Pile can be used to retrofit aluminum, vinyl, fiberglass or wood T-slots without the need to take the complete window or door sash apart. The double center fin provides a true weather seal, compared to other piles without a fin suited for vibration reduction and pest control only.



Zipper Tooth Backing Design



MORE INFORMATION crlaurence.com



Typical installation in door stile

EASY INSTALLATION



New Zipper Pile is easy to install



Remove old Pile from frame



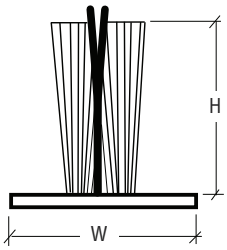
Press new Zipper Pile into groove with finger



Cut to length with knife or scissors

100 FT. ROLL CAT. NO.	BACKING WIDTH (W)	PILE HEIGHT (H)	BULK ROLL CAT. NO.	BULK ROLL LENGTH
Z78137C	.187" (4.7 mm)	.160" (4 mm)	Z78148B	3,000' (914.4 m)
Z78159C	.187" (4.7 mm)	.200" (5.1 mm)	Z78161B	1,100' (335.3 m)
Z78172C	.187" (4.7 mm)	.250" (6.3 mm)	Z78183B	900' (274.3 m)
Z78194C	.187" (4.7 mm)	.300" (7.6 mm)	Z78205B	700' (213.4 m)
Z78216C	.187" (4.7 mm)	.350" (8.9 mm)	Z78227B	600' (182.9 m)
Z78238C	.187" (4.7 mm)	.400" (10.2 mm)	Z78249B	500' (152.4 m)
Z78251C	.187" (4.7 mm)	.450" (11.4 mm)	Z78262B	400' (121.9 m)
Z78273C	.270" (6.8 mm)	.200" (5.1 mm)	Z78284B	800' (243.8 m)
Z78295C	.270" (6.8 mm)	.250" (6.3 mm)	Z78306B	600' (182.9 m)
Z78317C	.270" (6.8 mm)	.300" (7.6 mm)	Z78328B	400' (121.9 m)
Z78339C	.270" (6.8 mm)	.350" (8.9 mm)	Z78349B	400' (121.9 m)
Z78352C	.270" (6.8 mm)	.400" (10.2 mm)	Z78363B	300' (91.4 m)
Z78374C	.270" (6.8 mm)	.450" (11.4 mm)	Z78385B	300' (91.4 m)
Z78396C	.360" (9.1 mm)	.350" (8.9 mm)	Z78407B	300' (91.4 m)
Z78418C	.360" (9.1 mm)	.450" (11.4 mm)	Z78429B	300' (91.4 m)
Z78431C	.430" (10.9 mm)	.350" (8.9 mm)	Z78442B	300' (91.4 m)
Z78453C	.430" (10.9 mm)	.450" (11.4 mm)	Z78464B	300' (91.4 m)

Minimum order: 1 roll. 100 foot rolls can be combined with all other 100 foot rolls of Pile for quantity pricing. Bulk rolls can be combined with all other bulk rolls of Pile for quantity pricing.

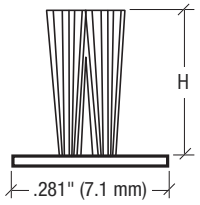




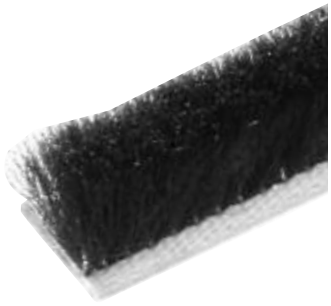
Comes in handy 100 foot rolls as well as cost-saving bulk rolls.

CRL Storefront Door Pile Weatherstrip









- **Energy Saver – Reduces Heat and Air Conditioning Loss Around Storefront Doors**
- **Effectively Seals Without Affecting the Operation of the Door**
- **Used on U.S. Aluminum Doors**

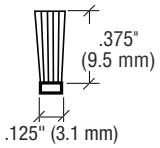
This CRL Storefront Door Pile Weatherstrip is made of water-repellent pile woven onto a polypropylene backing strip, which inserts easily into the pile channel of commercial doors. Pile Weatherstrip helps keep heated or cooled air from escaping around the door's frame, thus reducing energy loss. It will not affect the normal operation of the door. The black color will match the finish of most commercial doors.

100 FT. ROLL CAT. NO.	PILE HEIGHT (H)	BULK ROLL CAT. NO.	BULK ROLL LENGTH
W125C	.250" (6.3 mm)	W125B	2000' (609.6 m)
W188C	.313" (7.9 mm)	W188B	1800' (548.6 m)

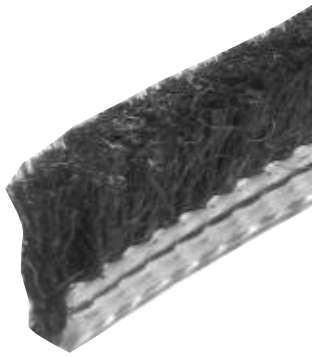
Minimum order: 1 roll. 100 foot rolls can be combined with all other 100 foot rolls of Pile for quantity pricing. Bulk rolls can be combined with all other bulk rolls of Pile for quantity pricing.

CRL Adjustable Astragal Replacement Pile Weatherstrip









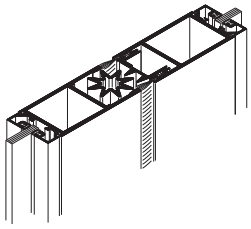
- **Designed to Replace Worn Weatherstrip Pile on Adjustable Astragals**
- **Weatherstrip Minimizes Air, Water, and Dust From Infiltrating Between Pairs of Doors**
- **Resists Mold, Mildew, and Corrosion**
- **Used on U.S. Aluminum Doors**

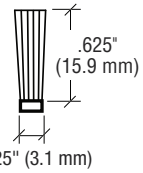
This CRL Pile Weatherstrip maximizes the energy efficient qualities of fiber pile by adding a dual barrier. The weatherstrip minimizes air, dust, and insects from infiltrating the center of doors that use our Adjustable Astragal. The polypropylene black fiber pile resists mold, mildew, and corrosion, and has exceptional resistance to abrasion. It is silicone treated to repel water, and stabilized against ultraviolet and ozone. This Weatherstrip is installed by simply sliding it into the pile channel of the existing CRL Adjustable Astragal.

100 FT. ROLL CAT. NO.	PILE HEIGHT	BULK ROLL CAT. NO.	BULK ROLL LENGTH
W510C	.375" (9.5 mm)	W510B	2000' (609.6 m)

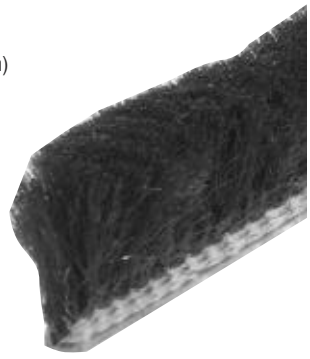
Minimum order: 1 roll. 100 foot rolls can be combined with all other 100 foot rolls of Pile for quantity pricing. Bulk rolls can be combined with all other bulk rolls of Pile for quantity pricing.

CRL Vanguard Security Astragal Replacement Pile Weatherstrip









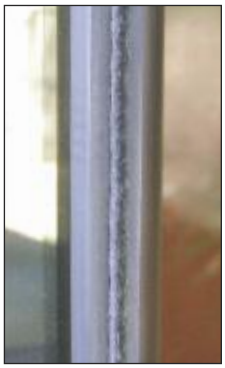
- **Stops Air, Water, and Dust From Infiltrating the Joint Between Pairs of Doors**
- **Designed to Replace Worn Pile Weatherstrips on U.S. Aluminum Doors With Vanguard Security Astragals**
- **Resists Mold, Mildew, and Corrosion**

This CRL Pile Weatherstrip is installed by simply sliding it into the pile channel of the existing U.S. Aluminum Vanguard Security Astragal frame. The polypropylene black fiber pile resists mold, mildew, and corrosion, and has exceptional resistance to abrasion. It is silicone treated to repel water, and stabilized against ultraviolet and ozone. The backing strip is polypropylene and lasts longer than plastic weatherseals.

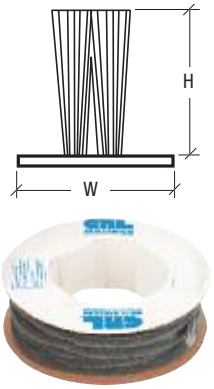
100 FT. ROLL CAT. NO.	PILE HEIGHT	BULK ROLL CAT. NO.	BULK ROLL LENGTH
W562C	.625" (15.9 mm)	W562B	1500' (457.2 m)

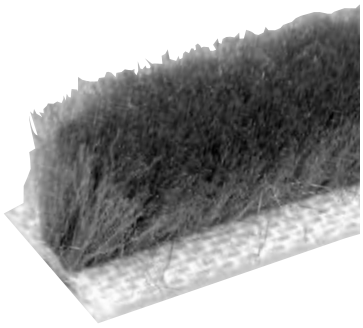
Minimum order: 1 roll. 100 foot rolls can be combined with all other 100 foot rolls of Pile for quantity pricing. Bulk rolls can be combined with all other bulk rolls of Pile for quantity pricing.

CRL Storefront Door Pile Weatherstrip



- Energy Saver – Reduces Heat and Air Conditioning Loss Around Storefront Doors
- Effectively Seals Without Affecting the Operation of the Door





This CRL Storefront Door Pile Weatherstrip is made of water-repellent pile woven onto a polypropylene backing strip, which inserts easily into the pile channel of commercial doors. Pile weatherstrip helps keep heated or cooled air from escaping around the door's frame, thus reducing energy loss. It will not affect the normal operation of the door. The medium gray color will match the finish of most commercial doors. Available in 100 foot (30.5 m) or 300 foot (91.4 m) rolls.

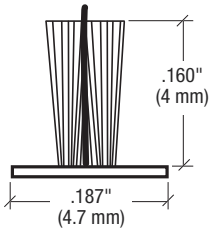
100 FT. ROLL CAT. NO.	300 FT. ROLL CAT. NO.	PILE HEIGHT (H)	BACKING WIDTH (W)
A11535C	A11535B	.350" (8.9 mm)	.350" (8.9 mm)
A11545C	A11545B	.450" (11.4 mm)	.350" (8.9 mm)
A11635C	A11635B	.350" (8.9 mm)	.437" (11.1 mm)
A11645C	A11645B	.450" (11.4 mm)	.437" (11.1 mm)

Minimum order: 1 roll. 100 foot rolls can be combined with all other 100 foot rolls of Pile for quantity pricing. Bulk rolls can be combined with all other bulk rolls of Pile for quantity pricing.

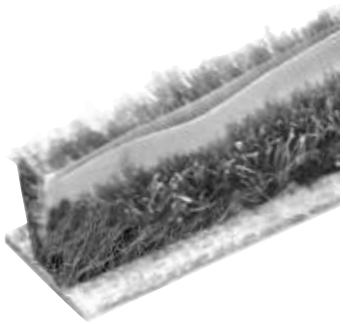
CRL Finned Pile Weatherstrip



- Unique Center Fin Stops Air, Water, and Dust From Infiltrating Joints Around Windows and Doors
- Made to Replace Most Existing Pile Weatherstrips
- Resists Mold, Mildew, and Corrosion







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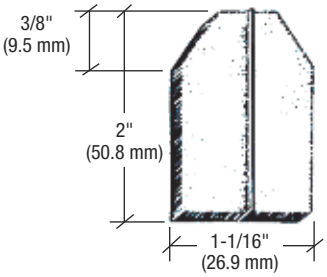
This CRL Finned Pile Weatherstrip maximizes the energy efficient qualities of fiber pile by adding a patented, solid barrier fin. The center fin stops air, water, dust, and insects from infiltrating cracks around windows and doors that use pile weatherstripping. The polypropylene gray fiber pile resists mold, mildew, and corrosion, and has exceptional resistance to abrasion. It is silicone treated to repel water, and stabilized against ultraviolet and ozone. The backing strip is polypropylene and lasts longer than plastic weatherseals. CRL Finned Weatherstrip will replace approximately 90% of the existing storm window pile weatherstrips made, and is installed by simply snapping it into the pile channel of the existing frame.

CAT. NO.	PILE HEIGHT	BACK WIDTH	ROLL LENGTH
FS7716C	.160" (4 mm)	.187" (4.7 mm)	100' (30.5 m)
FS77163M	.160" (4 mm)	.187" (4.7 mm)	3000' (914.4 m)

Minimum order: 1 roll. 100 foot rolls can be combined with all other 100 foot rolls of Pile for quantity pricing. Bulk rolls can be combined with all other bulk rolls of Pile for quantity pricing.

CRL Door Jamb Dust Pads







- Adhesive Backing Allows Press-On Installation
- Seals Door Corners

These CRL Door Jamb Dust Pads are made of woven pile on a polypropylene fin with a pressure-sensitive adhesive backing. The Pad is applied to the door jamb above the threshold, which helps seal the door corners against dirt and dust. 10 pads per package.

CAT. NO.	COLOR	QTY/PKG
PDP1W	White	10
PDP1BL	Black	10

Minimum order: 10 each of one color. Must be ordered in increments of 10. Colors can be combined for quantity pricing.

CRL Adhesive-Backed Windo-Pile

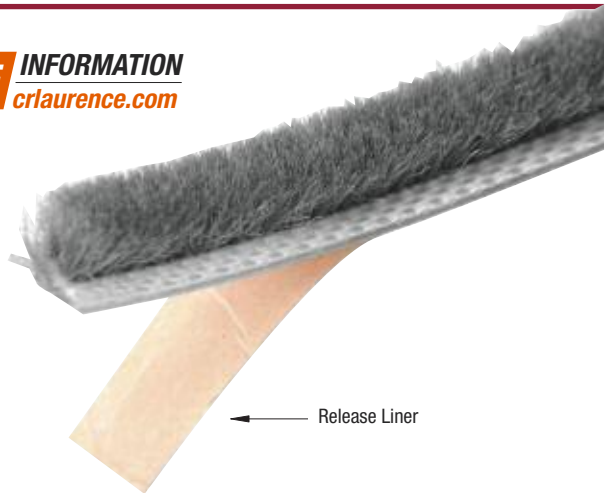
MORE INFORMATION crlaurence.com

- Reduces Heat and Energy Loss Around Windows and Doors
- Adhesive Backing Allows Press-On Installation
- Seals Effectively Without Affecting Operation

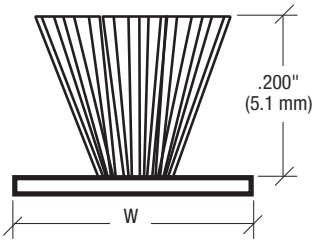
This CRL Adhesive-Backed Windo-Pile is a water-resistant pile woven with silicone treated polypropylene fibers to resist mold, corrosion, abrasion, and is stabilized against ultraviolet and ozone. The fibers are attached to a polypropylene backing that lasts longer than plastic weatherseals, and has a pressure-sensitive adhesive with a release liner. Especially good for applications on irregular surfaces, helping the weatherstrip conform to surface contours. Helps conserve energy by keeping windows and doors sealed. The color of the pile is light gray.



Effectively seals double hung and horizontal sliding windows. Simply press Windo-Pile into the window sash channels. Doesn't interfere with normal window operation.







CAT. NO.	PILE HEIGHT	BACK WIDTH (W)	ROLL LENGTH
A1875C	.200" (5.1 mm)	.187" (4.7 mm)	100' (30.5 m)
A1875B	.200" (5.1 mm)	.187" (4.7 mm)	1100' (335.5 m)
A71320C	.200" (5.1 mm)	.270" (6.8 mm)	100' (30.5 m)
A71320B	.200" (5.1 mm)	.270" (6.8 mm)	700' (213.3 m)

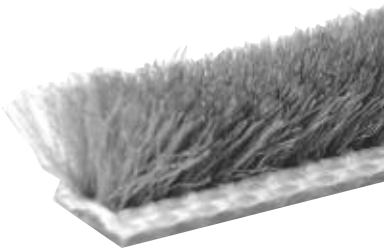
Minimum order: 1 roll. 100 foot rolls can be combined with all other 100 foot rolls of Pile for quantity pricing. Bulk rolls can be combined with all other bulk rolls of Pile for quantity pricing.

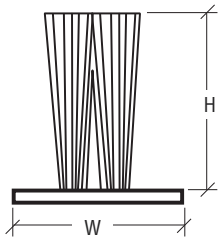
CRL Windo-Pile

- Replaces Old or Worn-Out Pile Weatherstripping in Doors or Windows
- Water-Resistant Woven Pile is Unaffected by Adverse Weather
- Quick and Simple Installation
- Available in Two Pile Densities: Medium and High

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MEDIUM DENSITY WINDO-PILE — **BACK WIDTH .187" (4.7 MM)**

100 FT. ROLL CAT. NO.	PILE HEIGHT (H)	BULK ROLL CAT. NO.	BULK ROLL LENGTH
A11320C	.200" (5.1 mm)	A11320B	1100' (335.3 m)
A11325C	.250" (6.3 mm)	A11325B	900' (274.3 m)
A11330C	.300" (7.6 mm)	A11330B	700' (213.4 m)
A11335C	.350" (8.9 mm)	A11335B	600' (182.9 m)

HIGH DENSITY WINDO-PILE — **BACK WIDTH .270" (6.8 MM)**

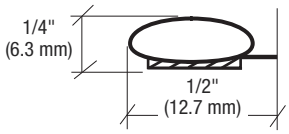
100 FT. ROLL CAT. NO.	PILE HEIGHT (H)	BULK ROLL CAT. NO.	BULK ROLL LENGTH
A11420C	.200" (5.1 mm)	A11420B	800' (243.8 m)
A11425C	.250" (6.3 mm)	A11425B	600' (182.9 m)
A11430C	.300" (7.6 mm)	A11430B	400' (121.9 m)
A11435C	.350" (8.9 mm)	A11435B	400' (121.9 m)

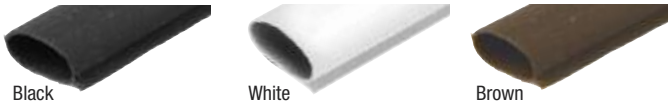
Minimum order: 1 roll. 100 foot rolls can be combined with all other 100 foot rolls of Pile for quantity pricing. Bulk rolls can be combined with all other bulk rolls of Pile for quantity pricing.

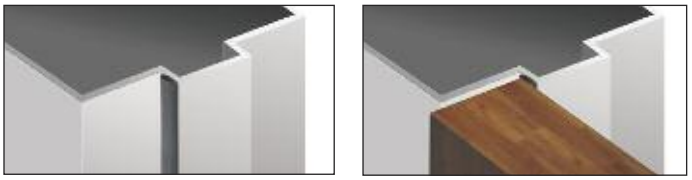
CRL Windo-Pile is specifically made to meet the needs of anyone looking for quality replacement pile weatherstripping. A water-resistant pile woven to a polypropylene backing, with a choice of medium and high densities, it can replace approximately 90% of the worn-out or corroded pile in use in existing windows and doors. It installs easily, and seals effectively. It also can be used in the fabrication of new storm windows. The pile is a light gray color.

CRL Self-Adhesive Bulb Weatherstrip

- Made of Santoprene® in Three Colors
- Available in 17, 100, and 500 Foot Rolls







Applied to a Door Jamb

Compresses When Door is Closed

CRL Self-Adhesive Bulb Weatherstrip is designed to be applied to the "stop" perimeter of a frame to prevent energy loss, reduce noise and dust infiltration. It will not crack or craze in cold or heat. Self-adhesive application makes installation easy and requires only scissors or a utility knife to cut to size. Tested in accordance with ASTM E-283 and listed by Warnock Hersey for use on labeled openings up to 90 minutes.

PACKAGED BULB WEATHERSTRIP

100 FOOT (30.5 M) CAT. NO.	17 FOOT (5.2 M) CAT. NO.	COLOR
SW250BLC	SW250BL17	Black
SW250WC	SW250W17	White
SW250BRC	SW250BR17	Brown

Minimum order: 1 roll. All Self-Adhesive Bulb Weatherstrip can be combined for quantity pricing.

BULK BULB WEATHERSTRIP

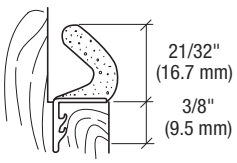
CAT. NO.	ROLL LENGTH	COLOR
SW250BLB	500' (152.4 m)	Black
SW250WB	500' (152.4 m)	White
SW250BRB	500' (152.4 m)	Brown

Minimum order: 1 roll. All Self-Adhesive Bulb Weatherstrip can be combined for quantity pricing.

CRL Foam-Tite® Weatherseal

- For Wood or Metal Kerf Doors
- High Durability





CRL Foam-Tite® Weatherseal is a compression seal for kerf-fitted wood or metal doors and French Style doors. It efficiently restricts air, light, water, and sound infiltration. Its closed cell foam profile remains flexible through thousands of compressions, while the embossed vinyl surface provides easy breakaway and ensures long life. The rigid dual-locking barbs fit standard 1/8" x 3/8" (3.2 x 9.5 mm) kerfs, insert easily, and hold securely without slipping.

CAT. NO.	COLOR	LENGTH
FT81B	Bronze	84" (2133 mm)
FT81W	White	84" (2133 mm)

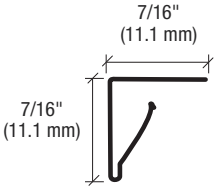
Minimum order: 10 each per color. Colors can be combined for quantity pricing.

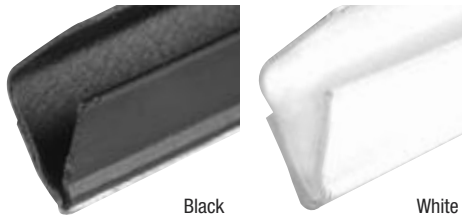
Santoprene is a registered trademark of Exxon Mobil Corporation.
Foam-Tite is a registered trademark of Amesbury Group, Inc.

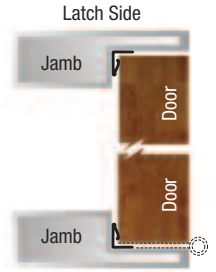
CRL Polyflex Weatherstrip

- Reduces Air Infiltration
- Adhesive Backed

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Head and Hinge Side

CRL Polyflex Weatherstrip packaged in sets of three each 84" (2133 mm) pieces to fit most door openings.

CAT. NO.	COLOR
PF114BL	Black
PF114W	White

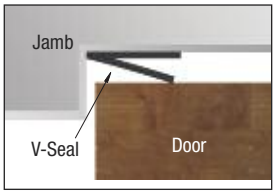
Minimum order: 1 set. Colors can be combined for quantity pricing.

CRL V-Seal Weatherstrip Tape

- Self-Adhesive Tape Seals Gaps Up to 3/8" (9.5 mm)



CRL V-Seal is a flexible, compressible weatherstrip which seals against air, dust, and sound infiltration on swinging doors. It remains flexible in all types of weather. Simply cut to length, peel off the backing paper to expose the adhesive, and apply to jamb stop.



CAT. NO.	COLOR	ROLL LENGTH
P39C180	Clear	180' (54.9 m)

Minimum order: 1 roll.

CRL Clear Polycarbonate Wipe With Pile Weatherstrip

- Fits 1/2" (12 mm) Thick Glass
- Eliminates Drafts Between "All-Glass" Doors



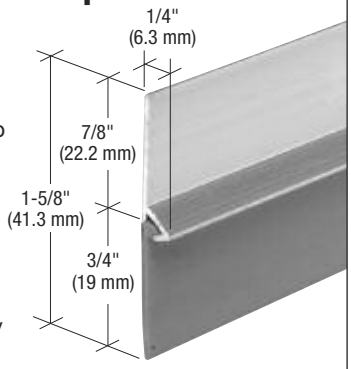
CAT. NO.	PILE HEIGHT	LENGTH
CW12	3/16" (4.8 mm)	98" (2.49 m)

Minimum order: 1 each. A packing charge is added to orders of fewer than five lengths.

CRL Aluminum Door Sweep

• Universal Design in Three Popular Finishes

These CRL Aluminum Door Sweeps offer the most weatherstrip for the money. A full 1-5/8" (41.3 mm) height fills even the largest under-door gaps, and the 36"(914 mm) length fits most standard doors. The Sweep is constructed of sturdy extruded aluminum with a locked-in flexible vinyl wipe. Slotted holes allow easy adjustment.



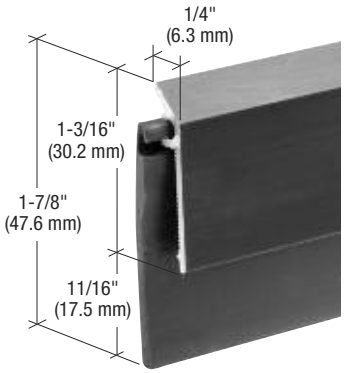
CAT. NO.	FINISH	LENGTH
DS37A	Aluminum	36" (914 mm)
DS37BRW	Dark Bronze Anodized	36" (914 mm)
DS37W	White	36" (914 mm)

Minimum order: 10 each of one finish. Finishes can be combined for quantity pricing.

CRL Aluminum and Rubber Door Sweep

• Stiff EPDM Rubber Sweep

This CRL Aluminum and Rubber Door Sweep is designed to prevent dust, moisture, and wind from entering between the base of the door and the threshold. Supplied with screws for easy installation.



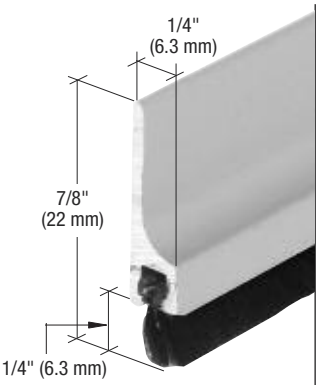
CAT. NO.	FINISH	LENGTH
DB062AV36	Aluminum	36-1/2" (927 mm)
DB062DV36	Dark Bronze Anodized	36-1/2" (927 mm)
DB062AV48	Aluminum	48" (1219 mm)
DB062DV48	Dark Bronze Anodized	48" (1219 mm)

Minimum order: 1 each. Finishes can be combined for quantity pricing.

CRL Aluminum Surface Mount Door Sweep With Weatherstrip

• For Aluminum Framed Doors

This CRL Aluminum Surface Mount Door Sweep is designed to prevent dust, moisture, and wind from entering between the base of the aluminum door and the threshold. Sweep is not supplied with fasteners.



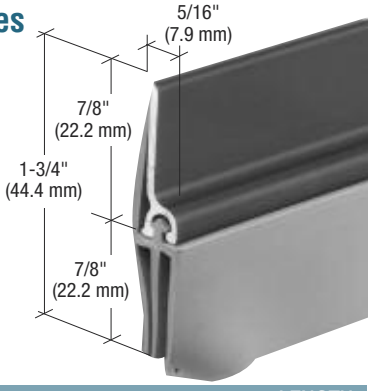
CAT. NO.	FINISH	LENGTH
BW53611	Aluminum	36" (914 mm)
BW53622	Dark Bronze Anodized	36" (914 mm)
BW2501115	Aluminum	183" (4.6 m)*
BW2502215	Dark Bronze Anodized	183" (4.6 m)*

Minimum order: 1 each. Finishes can be combined for quantity pricing. *Must ship common carrier

CRL Triple Fin Vinyl Door Sweep

• Triple Fin Design Gives Added Protection

This CRL Triple Fin Vinyl Door Sweep is designed to prevent dust, moisture, and wind from entering between the base of the door and the threshold. The triple fin design gives added protection against drafts and moisture. Supplied with screws for easy installation.



CAT. NO.	FINISH	LENGTH
DB041AV36	Aluminum	36" (914 mm)
DB041DV36	Dark Bronze Anodized	36" (914 mm)

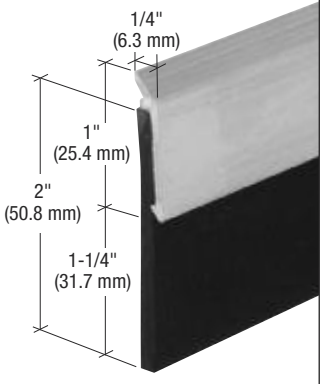
Minimum order: 1 each. Finishes can be combined for quantity pricing.

CRL Heavy-Duty Door Sweep

• 60 Durometer Neoprene Sweep

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This CRL Heavy-Duty Door Sweep is most commonly used on the exterior bottom of out swing doors and is surface applied. It may also be used for different applications including meeting stile gasketing. Pre-drilled with mounting screws included.



CAT. NO.	FINISH	LENGTH
33N2A36	Aluminum	36" (914 mm)
33N2D36	Dark Bronze Anodized	36" (914 mm)
33N2A48	Aluminum	48" (1219 mm)
33N2D48	Dark Bronze Anodized	48" (1219 mm)

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.

CRL Aluminum Entrance Door Sweep

• Extruded Aluminum With Concealed Fasteners

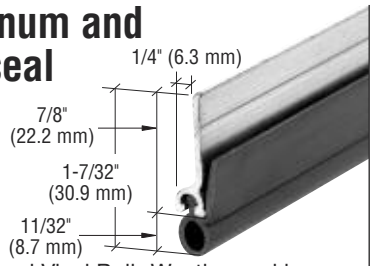
This CRL Aluminum Entrance Door Sweep with black vinyl seal is designed with an extruded aluminum slide cover that conceals the fasteners and provides clean lines. The Sweep is pre-slotted and supplied with screws for easy installation.



CAT. NO.	FINISH	LENGTH
BW03611	Clear Anodized	36" (914 mm)
BW03622	Dark Bronze Anodized	36" (914 mm)
BW03633	Black Anodized	36" (914 mm)
BW04211	Clear Anodized	42" (1067 mm)
BW04222	Dark Bronze Anodized	42" (1067 mm)
BW04811	Clear Anodized	48" (1219 mm)
BW04822	Dark Bronze Anodized	48" (1219 mm)
BW2001115	Clear Anodized	183" (4.6 m)*
BW2002215	Dark Bronze Anodized	183" (4.6 m)*

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing. *Must ship common carrier.

CRL Extruded Aluminum and Vinyl Bulb Weatherseal



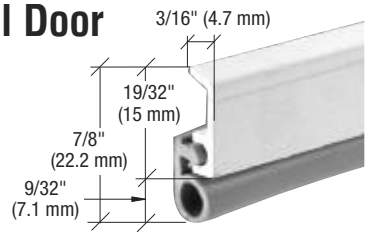
- **Extruded Aluminum With Jamb-Applied Vinyl Bulb**

This CRL Extruded Aluminum and Vinyl Bulb Weatherseal is designed to be applied to the "stop" perimeter of the door frame to prevent energy loss and reduce noise infiltration. It is sold in a set of three pieces to fit standard single and double door openings, and is supplied with screws for easy installation.

CAT. NO.	FINISH	SIZE
WS003AV196	Aluminum	36" x 80" (914 x 2032 mm)
WS003DV196	Dark Bronze Anodized	36" x 80" (914 x 2032 mm)
WS003AV232	Aluminum	72" x 80" (1829 x 2032 mm)
WS003DV232	Dark Bronze Anodized	72" x 80" (1829 x 2032 mm)

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.

CRL Vinyl Bulb Seal Door Jamb Weatherstrip



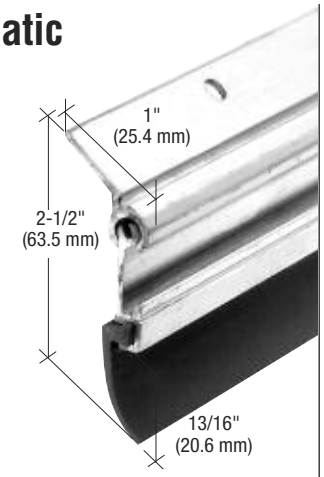
- **High Quality Durable Extruded Aluminum With Locked-In Tubular Vinyl Seal**

This CRL Vinyl Bulb Seal Door Jamb Weatherstrip set works effectively on either wood or metal doors in keeping the heat in and drafts and dust out. This long lasting gray Weatherstrip is unaffected by weather and requires no maintenance. Each set contains three pieces to fit a standard single door opening. Installation screws are provided.

CAT. NO.	FINISH	SIZE
DW950A	Aluminum	36" x 84" (914 x 2133 mm)
DW950W	White	36" x 84" (914 x 2133 mm)

Minimum order: 1 each. Finishes can be combined for quantity pricing.

CRL Residential Automatic Door Sweep



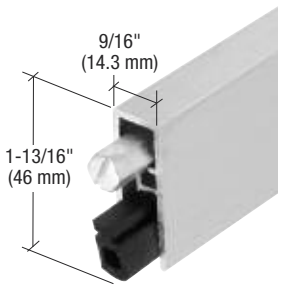
- **Spring-Loaded**

This spring-loaded Door Bottom Sweep retracts up and away from the face of the door when opened. When the door is closed, the supplied cam lowers the Sweep. The gap at the door base and threshold is now sealed to prevent dust, moisture, and drafts from entering. Ideal for use where carpeted interiors require the Door Sweep to lift "up and away" from the carpet. Installation screws are included.

CAT. NO.	FINISH	LENGTH
DB019AV36	Aluminum	36-1/2" (927 mm)

Minimum order: 1 each.

CRL Commercial Medium-Duty Surface Mount Automatic Door Bottom



- **Field Reversible**

This CRL Commercial Medium-Duty Automatic Door Bottom is mechanically actuated. An internal carrier bar with a vinyl insert drops from a concealed cavity to form a tight seal between the base of the door and the threshold. It is ideal for use where carpeted interiors require the door bottom to retract when the door is opened. Supplied with a frame "actuator" protector plate, the door bottom is field reversible.

CAT. NO.	FINISH	LENGTH
DB035CV36	Aluminum	36" (914 mm)
DB035DV36	Dark Bronze Anodized	36" (914 mm)
70NGA48	Aluminum	48" (1219 mm)

Minimum order: 1 each. Finishes can be combined for quantity pricing.

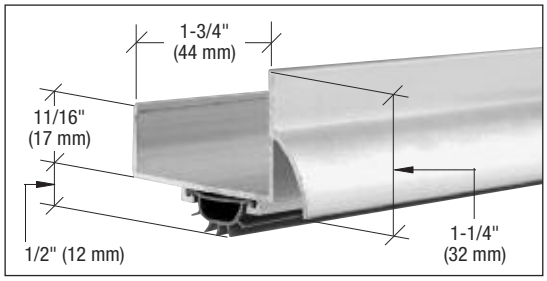
CRL "U" Shape Door Bottoms

MORE CHOICES crlaurence.com

- **For 1-3/4" (44.4 mm) Doors**
- **"Drip Cap" Diverts Rain From the Door**
- **Vinyl Seal Keeps Out Weather**

This CRL "U" Shaped Door Bottom features an aluminum "drip cap" that diverts rain away from the door. It can be used with saddle thresholds and includes a vinyl insert for weather sealing.

Models with 1/2" (12.7 mm) wide full notch fabrication are available in order to prevent interference with door stops and weatherstrips. Slots are drilled for the supplied #6 x 1/2" (12.7 mm) pan head screws.



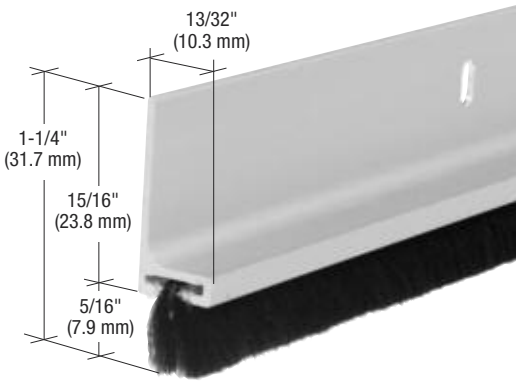


CAT. NO.	FINISH	LENGTH	WITH FULL NOTCH
17VRA32	Aluminum	31-3/4" (806 mm)	NO
17VRD32	Dark Bronze Anodized	31-3/4" (806 mm)	NO
17VRA36	Aluminum	35-3/4" (908 mm)	NO
17VRD36	Dark Bronze Anodized	35-3/4" (908 mm)	NO
17VRFNA36	Aluminum	35-3/4" (908 mm)	YES
17VRFND36	Dark Bronze Anodized	35-3/4" (908 mm)	YES
17VRA48	Aluminum	47-3/4" (1213 mm)	NO
17VRD48	Dark Bronze Anodized	47-3/4" (1213 mm)	NO

Minimum order: 1 each. Finishes can be combined for quantity pricing.

CRL Finned Door Sweep and Weatherstrip

- **Incorporates Advanced Finned Technology**
- **Keeps Out Air, Water, Dust, and Insects**
- **Silicone Treated Pile Won't Rot, Shrink or Absorb Water**
- **Helps Reduce Noise Infiltration**
- **Very Popular Because it is So Versatile**



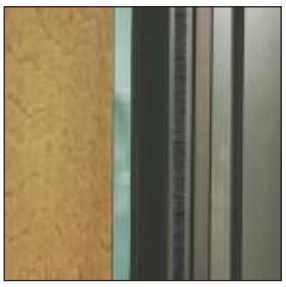
CRL Finned Door Sweep and Weatherstrip stops air, water, dust, and insects from entering. It combines advanced energy saving finned technology with a strip of anodized aluminum to create the most energy cost reducing product of its kind. The 5/16" (7.9 mm) high silicone treated pile will not shrink, rot or absorb water, and its low friction sealing action allows for minimum drag during opening or closing.

Finned Door Sweeps positively stop water and air leakage without marking the lightest carpets or floors. Installs on exterior or interior bottom of door with screws in pre-punched slots to allow for clearance adjustment. Also can be installed around doors on top and side jamb stops, where air infiltration is a particular problem.

Door Bottom Installation



Door Jamb Installation

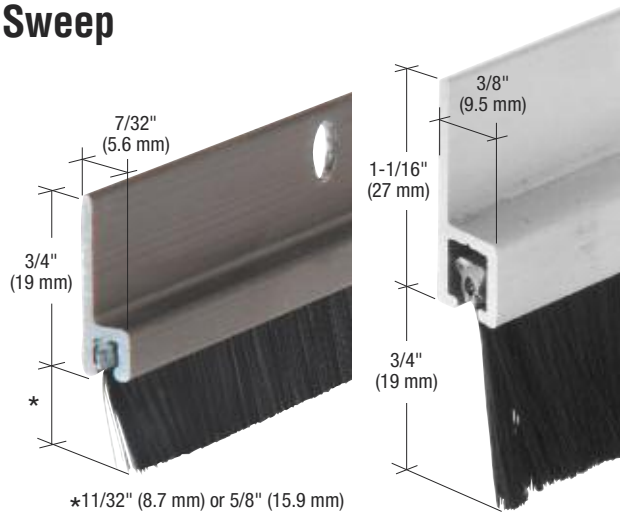


CAT. NO.	FINISH	LENGTH
FS77A	Satin Anodized	12' (3.66 m)
FS77BRZ	Medium Bronze Painted	12' (3.66 m)

Minimum order: 1 each. Finishes can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than 10 combined lengths. Stock lengths longer than 108" (2.74 m) must ship common carrier, unless you specify we cut them for U.P.S. A Cutting Charge will apply.

CRL Extruded Aluminum and Nylon Brush Door Sweep

- **Flexible Bristles in a Choice of Three Lengths Allow a Seal on Even or Uneven Surfaces**



*11/32" (8.7 mm) or 5/8" (15.9 mm)

This CRL Extruded Aluminum and Nylon Brush Door Sweep is designed to be applied to the "stop" perimeter of a frame to prevent energy loss and reduce noise infiltration. This Weatherstrip uses thousands of flexible bristles allowing a seal on uneven and even surfaces. Bristles are available in 11/32" (8.7 mm), 5/8" (15.9 mm), and 3/4" (19 mm) lengths. Supplied with screws for easy installation.

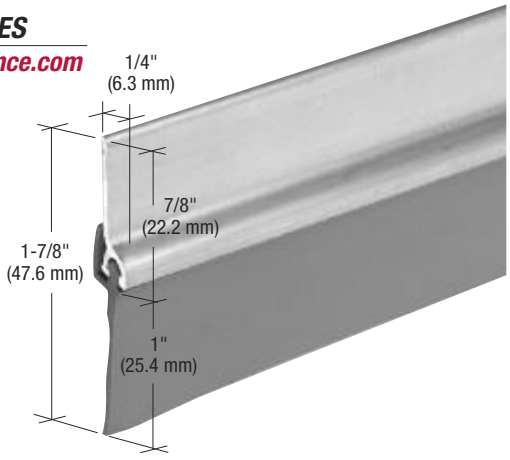
11/32" BRISTLE CAT. NO.	5/8" BRISTLE CAT. NO.	3/4" BRISTLE CAT. NO.	FINISH	LENGTH
WS257AV72	WS377AV72	WS497AV72	Aluminum	72" (1829 mm)
WS257DV72	WS377DV72	WS497DV72	Dark Bronze Anodized	72" (1829 mm)
WS257AV96	WS377AV96	WS497AV96	Aluminum	96" (2438 mm)
WS257DV96	WS377DV96	WS497DV96	Dark Bronze Anodized	96" (2438 mm)

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.

CRL Aluminum and Vinyl Door Sweep

MORE CHOICES crlaurence.com

- **Extruded Aluminum With 1" (25.4 mm) Vinyl Sweep**
- **Available in Two Finishes and Two Sizes**



This CRL Aluminum and Vinyl Door Sweep is designed to prevent dust, moisture, and wind from entering between the base of the door and the threshold. They are sized for 36" (914 mm) or 48" (1219 mm) openings. Sweep is supplied with screws for easy installation.

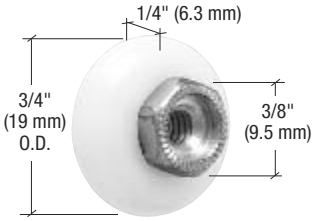
CAT. NO.	FINISH	LENGTH
DB005AV36	Aluminum	36-1/2" (927 mm)
DB005DV36	Dark Bronze Anodized	36-1/2" (927 mm)
DB005AV48	Aluminum	48" (1219 mm)
DB005DV48	Dark Bronze Anodized	48" (1219 mm)

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL Sliding Shower Door Rollers

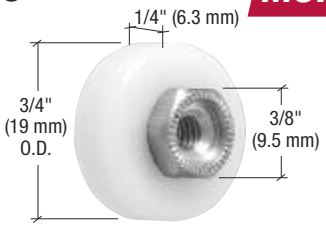
MORE CHOICES crlaurence.com



Oval edge nylon roller, steel ball bearing inner-race with 8-32 threaded hex hub.

CAT. NO.	QTY/PKG
M6000	2
M6000B	100

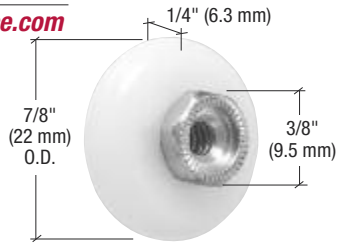
Minimum order: 1 pack.



Flat edge nylon roller, steel ball bearing inner-race with 8-32 threaded hex hub.

CAT. NO.	QTY/PKG
M6001	2
M6001B	100

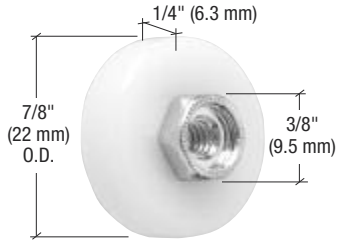
Minimum order: 1 pack.



Oval edge nylon roller, steel ball bearing inner-race with 8-32 threaded hex hub.

CAT. NO.	QTY/PKG
M6002	2
M6002B	100

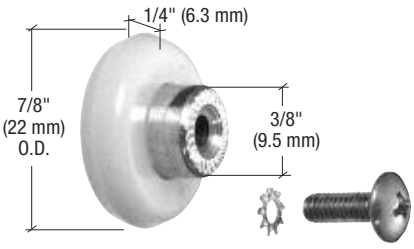
Minimum order: 1 pack.



Flat edge nylon roller, steel ball bearing inner-race with 8-32 threaded hex hub.

CAT. NO.	QTY/PKG
M6003	2
M6003B	100

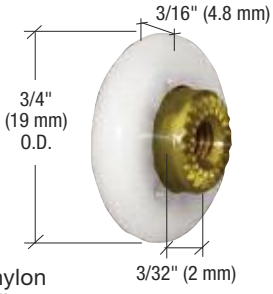
Minimum order: 1 pack.



Oval edge nylon roller, steel ball bearing inner-race with 8-32 threaded hex hub. Fits CRL "CK", "DK", and "EK" Series Frameless Sliding Shower Doors.

CAT. NO.	QTY/PKG
DKR78	2

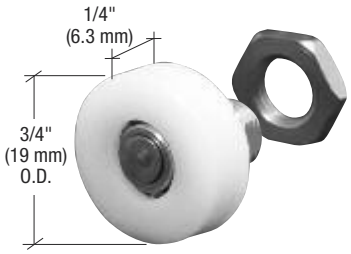
Minimum order: 1 pack.



Oval edge nylon roller, steel ball bearing inner-race with 4.0 x .70 metric threaded hex hub.

CAT. NO.	QTY/PKG
M6206	2

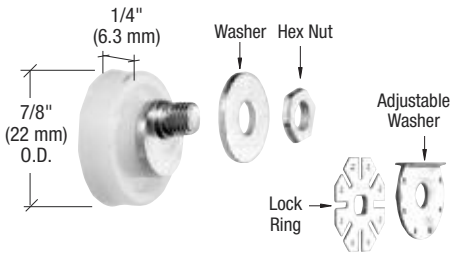
Minimum order: 1 pack.



Flat edge nylon roller with a 5/16" (7.9 mm) threaded axle stud and nut. Flats on threads.

CAT. NO.	QTY/PKG
M6031	2

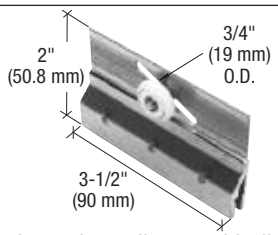
Minimum order: 1 pack.



Flat edge nylon roller, steel ball bearing inner-race with eccentric threaded stud. Includes an adjustable lock washer and lock ring. Vertical height adjustment is made by rotating the axle.

CAT. NO.	QTY/PKG
M6006	2

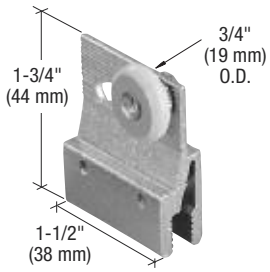
Minimum order: 1 pack.



Oval edge nylon roller, steel ball bearing inner-race, two-part extruded aluminum bracket that clamps to the top of 3/16" or 1/4" (5 or 6 mm) thick frameless glass door panels. Package includes optional vinyl glazing channel.

CAT. NO.	FINISH	QTY/PKG
M6053	Brite Anodized	2
M6104	Brite Gold Anodized	2

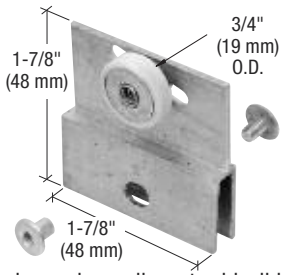
Minimum order: 1 pack.



Oval edge nylon roller, steel ball bearing inner-race, two-part extruded aluminum bracket that clamps to the top of 3/16" (5 mm) thick frameless glass door panels.

CAT. NO.	QTY/PKG
M6145	2

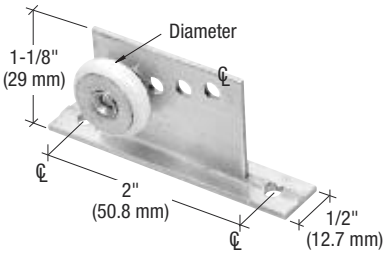
Minimum order: 1 pack.



Flat edge nylon roller, steel ball bearing inner-race, extruded aluminum bracket. 1/4" binder post supplied for thru-glass mounting on 3/16" (5 mm) thick frameless glass shower doors.

CAT. NO.	QTY/PKG
M6054	2

Minimum order: 1 pack.



Oval edge nylon roller, steel ball bearing inner-race, extruded aluminum bracket for top hung doors.

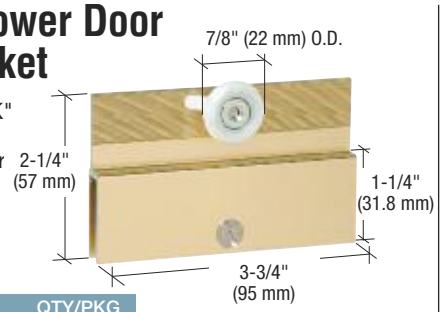
CAT. NO.	DIAMETER	QTY/PKG
M6034	3/4" (19 mm)	2
M6036	7/8" (22 mm)	2

Minimum order: 1 pack.

All packs of Shower Repair Hardware can be combined for quantity pricing.

CRL Sliding Shower Door Roller and Bracket

Fits CRL "CK" and "DK" Series 1/4" (6 mm) glass Frameless Sliding Shower Doors. Available in four finishes. For rollers only see Cat. No. DKR78 on page DW150.

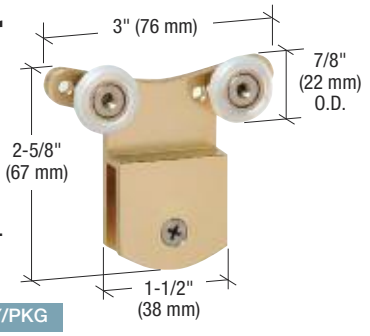


CAT. NO.	FINISH	QTY/PKG
DK67BA	Brite Anodized	1
DK67BGA	Brite Gold Anodized	1
DK67BN	Brushed Nickel	1
DK670RB	Oil Rubbed Bronze	1

Minimum order: 1 each.

CRL Sliding Shower Door Roller and Bracket

Fits CRL "CK" and "DK" Series 3/8" (10 mm) glass Frameless Sliding Shower Doors. Available in four finishes. For rollers only see Cat. No. DKR78 on page DW150.



CAT. NO.	FINISH	QTY/PKG
DK66BA	Brite Anodized	1
DK66BGA	Brite Gold Anodized	1
DK66BN	Brushed Nickel	1
DK660RB	Oil Rubbed Bronze	1

Minimum order: 1 each.

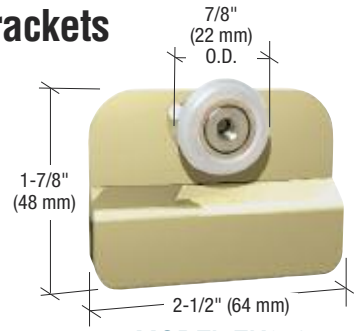
MORE CHOICES crlaurence.com

CRL Sliding Shower Door Rollers and Brackets

Fits CRL "EK" Series 1/4" (6 mm) glass Frameless Sliding Shower Doors. Two models for inside or outside sliding doors available. Four finishes offered to match shower door hardware. For rollers only see Cat. No. DKR78 on page DW150.

OUTSIDE BRACKET CAT. NO.	INSIDE BRACKET CAT. NO.	FINISH	QTY/PKG
EK670BA	EK671BA	Brite Anodized	1
EK670BGA	EK671BGA	Brite Gold Anodized	1
EK670BN	EK671BN	Brushed Nickel	1
EK6700RB	EK6710RB	Oil Rubbed Bronze	1

Minimum order: 1 each.

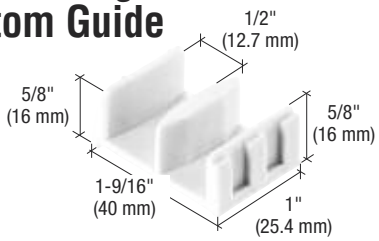


MODEL EK670
Outside Bracket With Roller



MODEL EK671
Inside Bracket With Roller

CRL Sliding Shower Door Bottom Guide

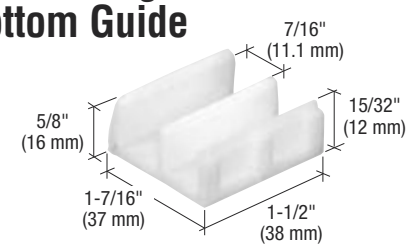


White nylon Bottom Guide for sliding shower doors. Used by several door manufacturers. Fits 7/16" (11 mm) door rails.

CAT. NO.	QTY/PKG
M6058	2
M6058B	20

Minimum order: 1 pack.

CRL Sliding Shower Door Bottom Guide

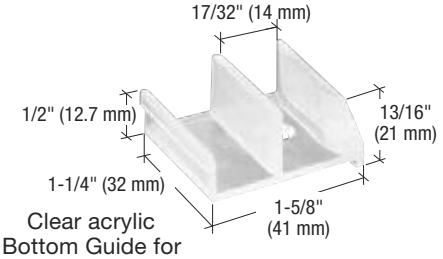


White nylon Bottom Guide for sliding shower doors. Used by several door manufacturers. Fits 7/16" (11 mm) door rails.

CAT. NO.	QTY/PKG
M6059	2

Minimum order: 1 pack.

CRL Sliding Shower Door Bottom Guide

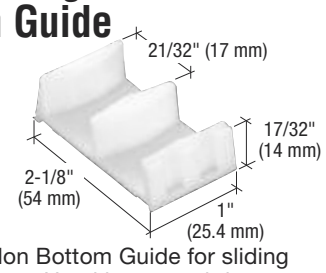


Clear acrylic Bottom Guide for sliding shower doors. Fits on Sterling brand shower doors.

CAT. NO.	QTY/PKG
M6111	1

Minimum order: 1 pack.

CRL Sliding Shower Door Bottom Guide

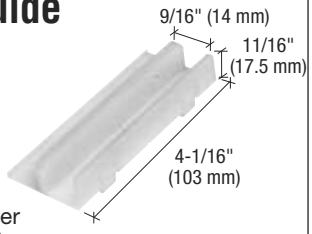


White nylon Bottom Guide for sliding shower doors. Used by several door manufacturers. Fits 9/16" (14 mm) door rails.

CAT. NO.	QTY/PKG
M6113	2

Minimum order: 1 pack.

CRL Sliding Shower Door Bottom Guide

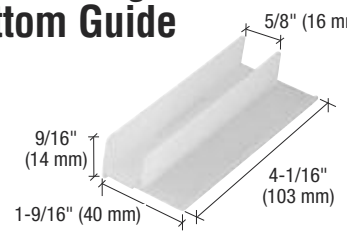


Clear plastic Bottom Guide for sliding shower doors. Fits 1/2" (13 mm) door rails. Includes a two-sided clear adhesive strip for mounting guide.

CAT. NO.	QTY/PKG
M6067	1
M6067B	20

Minimum order: 1 pack.

CRL Sliding Shower Door Bottom Guide



White plastic Bottom Guide for sliding shower doors. Fits 7/16" (11 mm) door rails. Includes a two-sided clear adhesive strip for mounting guide.

CAT. NO.	QTY/PKG
M6221	1

Minimum order: 1 pack.

All packs of Shower Repair Hardware can be combined for quantity pricing.

CRL Roller, Guide and Screw Kit

MORE CHOICES crlaurence.com

Complete hardware package for the CRL "MK" Series Frameless Sliding Shower Doors.

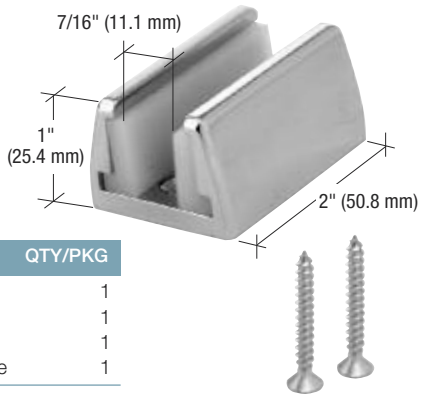


1/4" GLASS CAT. NO.	3/8" GLASS CAT. NO.	FINISH
HP14BA	HP38BA	Brite Anodized
HP14BGA	HP38BGA	Brite Gold Anodized
HP14BN	HP38BN	Brushed Nickel
HP14W	HP38W	White

Minimum order: 1 pack.

CRL Hydroslide Sliding Shower Door Floor Guide

CRL Hydroslide Sliding Door Floor Guide Kit consists of one Floor Guide and two Screws. Available in four architectural finishes.

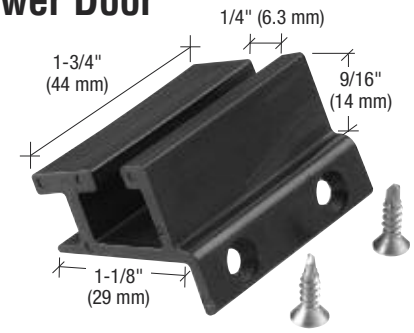


CAT. NO.	FINISH	QTY/PKG
HYD03CH	Polished Chrome	1
HYD03BR	Polished Brass	1
HYD03BN	Brushed Nickel	1
HYD030RB	Oil Rubbed Bronze	1

Minimum order: 1 each.

CRL Sliding Shower Door Bottom Guide

Bottom Guide for CRL "CK", "DK", and "EK" Series Frameless Sliding Shower Doors when using 1/4" (6 mm) glass.

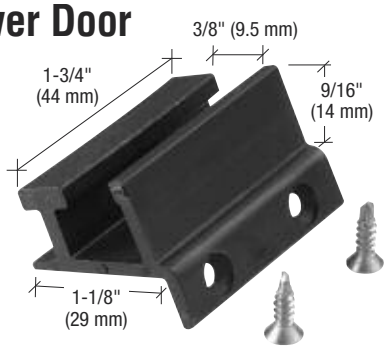


CAT. NO.	QTY/PKG
DK6914	1

Minimum order: 1 pack.

CRL Sliding Shower Door Bottom Guide

Bottom Guide for CRL "CK", "DK", and "EK" Series Frameless Sliding Shower Doors when using 3/8" (10 mm) glass.

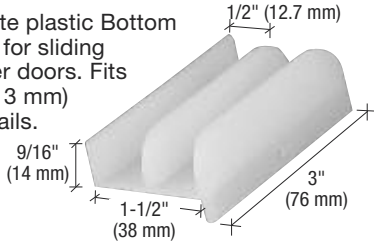


CAT. NO.	QTY/PKG
DK6938	1

Minimum order: 1 pack.

CRL Sliding Shower Door Bottom Guide

White plastic Bottom Guide for sliding shower doors. Fits 1/2" (13 mm) door rails.

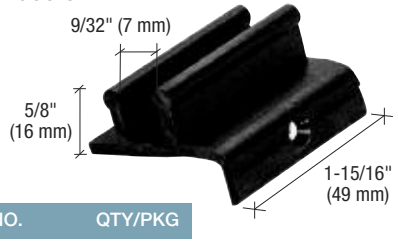


CAT. NO.	QTY/PKG
M6219	1

Minimum order: 1 pack.

CRL Sliding Shower Door Bottom Guide

Black plastic Bottom Guide for sliding shower doors.

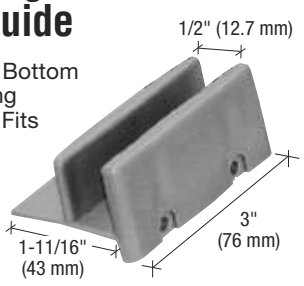


CAT. NO.	QTY/PKG
M6077	1

Minimum order: 1 pack.

CRL Sliding Shower Door Bottom Guide

Gray plastic Bottom Guide for sliding shower doors. Fits 1/2" (13 mm) door rails.

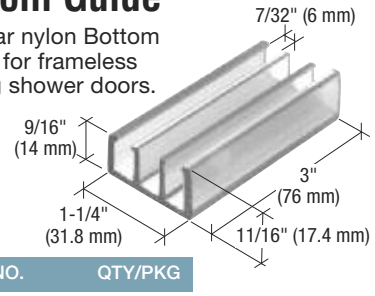


CAT. NO.	QTY/PKG
M6192	2

Minimum order: 1 pack.

CRL Sliding Shower Door Bottom Guide

Clear nylon Bottom Guide for frameless sliding shower doors.

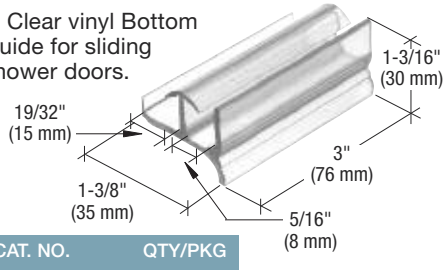


CAT. NO.	QTY/PKG
M6089	2

Minimum order: 1 pack.

CRL Sliding Shower Door Bottom Guide

Clear vinyl Bottom Guide for sliding shower doors.

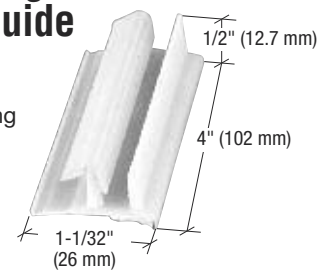


CAT. NO.	QTY/PKG
M6144	1

Minimum order: 1 pack.

CRL Sliding Shower Door Bottom Guide

Rigid white vinyl Bottom Guide for sliding shower doors.

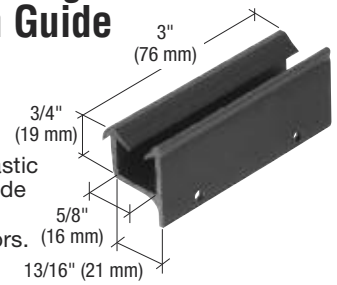


CAT. NO.	QTY/PKG
M6222	2

Minimum order: 1 pack.

All packs of Shower Repair Hardware can be combined for quantity pricing.

CRL Sliding Shower Door Bottom Guide

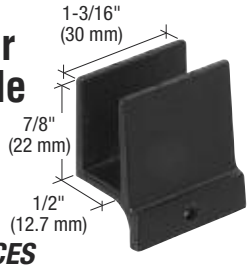


Black plastic Bottom Guide for sliding shower doors.

CAT. NO.	QTY/PKG
M6195	1

Minimum order: 1 pack.

CRL Sliding Shower Door Bottom Guide



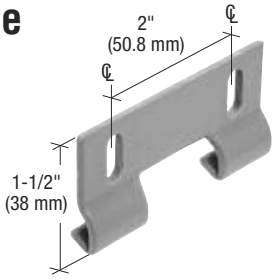
Black plastic Bottom Guide for sliding shower doors.

MORE CHOICES crlaurence.com

CAT. NO.	QTY/PKG
M6209	1

Minimum order: 1 pack.

CRL Sliding Shower Door Hook Guide

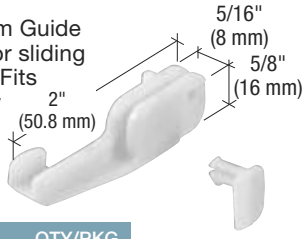


Gray plastic Bottom Guide and door retainer for sliding shower doors.

CAT. NO.	QTY/PKG
M6191	2

Minimum order: 1 pack.

CRL Sliding Shower Door Bottom Guide

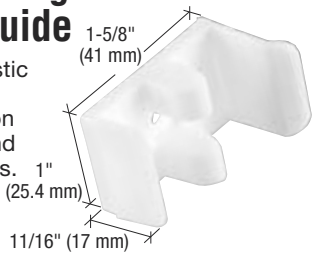


Nylon Bottom Guide and Retainer for sliding shower doors. Fits doors made by Kinkead and Sterling.

CAT. NO.	QTY/PKG
M6090	2

Minimum order: 1 pack.

CRL Sliding Shower Door Jamb Guide

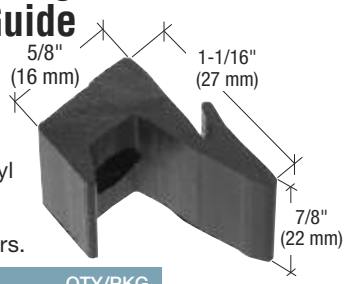


White plastic Side Jamb Guide. Fits on Sterling brand shower doors.

CAT. NO.	QTY/PKG
M6112	1

Minimum order: 1 pack.

CRL Sliding Shower Door Jamb Guide

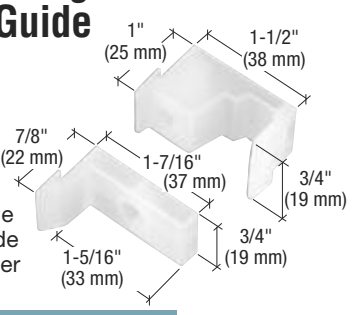


Black vinyl Side Jamb Guide for shower doors.

CAT. NO.	QTY/PKG
M6120	2

Minimum order: 1 pack.

CRL Sliding Shower Door Jamb Guide

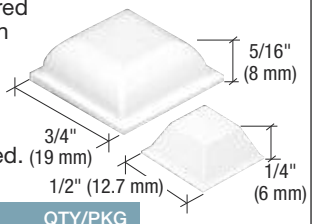


Clear plastic Side Jamb Guide and Bumper Set.

CAT. NO.	QTY/PKG
M6218	1

Minimum order: 1 pack.

CRL Shower Door Bumper Assortment

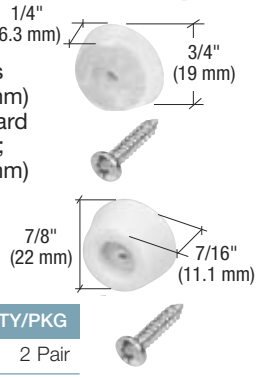


Package contains two each 3/4" (19 mm) white Bumpers; two each 1/2" (13 mm) off-white colored Bumpers. Both are semi-soft polyurethane with adhesive backing, no screws required.

CAT. NO.	QTY/PKG
M6027	2 Pair

Minimum order: 1 pack.

CRL Shower Door Bumper Assortment

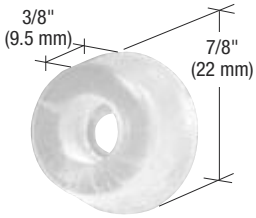


Package contains two each 3/4" (19 mm) diameter medium hard clear vinyl Bumpers; two each 7/8" (22 mm) diameter soft white rubber Bumpers. Screws included.

CAT. NO.	QTY/PKG
M6026	2 Pair

Minimum order: 1 pack.

CRL Shower Door Bumper



Clear polyurethane Bumper with a medium hardness. Has both an adhesive backing and center screw hole. Screws not included.

CAT. NO.	QTY/PKG
M6164	4

Minimum order: 1 pack.

CRL Shower Door Bumper

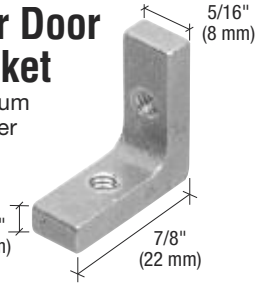


Clear vinyl Bumpers with medium hardness. Ideal for use with sliding shower doors. Screws included.

CAT. NO.	QTY/PKG
M6119	4

Minimum order: 1 pack.

CRL Shower Door Corner Bracket



Extruded aluminum Shower Door Corner has pre-drilled and tapped (8-32) mounting holes.

CAT. NO.	WIDTH	QTY/PKG
M6024	5/16" (8 mm)	4
M6024B	5/16" (8 mm)	100

Minimum order: 1 pack (or 100 each if bulk).

All packs of Shower Repair Hardware can be combined for quantity pricing.

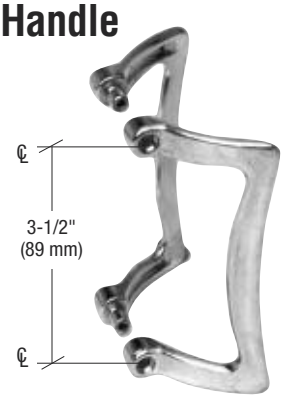
CRL Shower Door Pull Handle

Plated die cast Handle Set for swinging or sliding shower doors. Set includes both inside and outside pull handles, plus screws.

MORE CHOICES crlaurence.com

CAT. NO.	FINISH	QTY/PKG
M6029	Chrome	1

Minimum order: 1 pack.

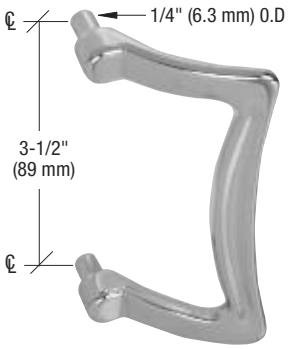


CRL Shower Door Inside Pull Handle

Plated die cast Pull Handle for swinging or sliding shower doors. Handle has threaded studs and screws.

CAT. NO.	FINISH	QTY/PKG
M6018	Chrome	1
M6019	Brass	1

Minimum order: 1 pack.

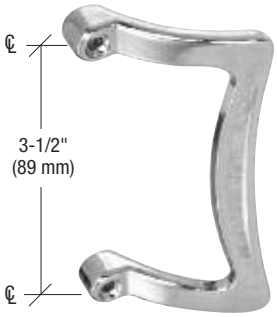


CRL Shower Door Outside Pull Handle

Plated die cast Pull Handle for swinging or sliding shower doors. Handle has through mounting holes, plus screws.

CAT. NO.	FINISH	QTY/PKG
M6016	Chrome	1
M6017	Brass	1

Minimum order: 1 pack.

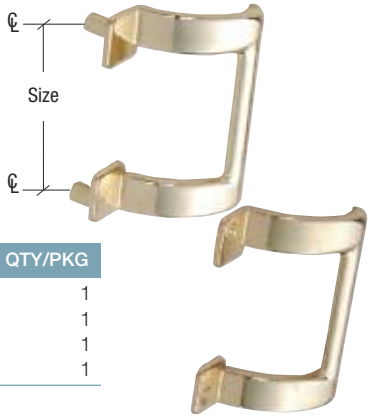


CRL Shower Door Pull Handle

Plated die cast Pull Handle Set for swinging or sliding shower doors.

CAT. NO.	SIZE/FINISH	QTY/PKG
M6158	2" (51 mm) Chrome	1
M6159	2" (51 mm) Brass	1
M6160	2-1/4" (57 mm) Chrome	1
M6161	2-1/4" (57 mm) Brass	1

Minimum order: 1 pack.

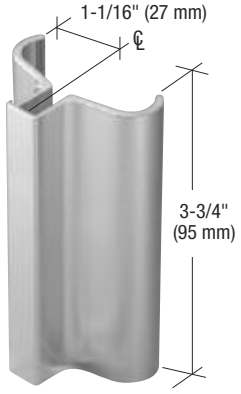


CRL Pivot Door Slip-On Handle

Aluminum Slip-On Handle for pivot doors accommodates glass thicknesses from 3/16" to 1/4" (5 to 6 mm). Includes vinyl, a magnet, and stainless steel strike insert. No glass fabrication is required.

CAT. NO.	FINISH	QTY/PKG
S0H334CH	Chrome	1
S0H334BR	Brass	1
S0H334BN	Brushed Nickel	1

Minimum order: 1 each.

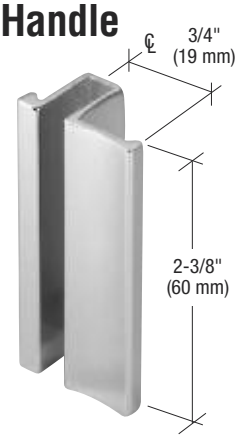


CRL Sliding Door Slip-On Handle

Aluminum Slip-On Handle for sliding doors to accommodate glass thicknesses from 3/16" to 1/4" (5 to 6 mm). Handle is secured to glass using silicone. No glass fabrication is required.

CAT. NO.	FINISH	QTY/PKG
S0H238CH	Chrome	1
S0H238BR	Brass	1
S0H238BN	Brushed Nickel	1

Minimum order: 1 each.

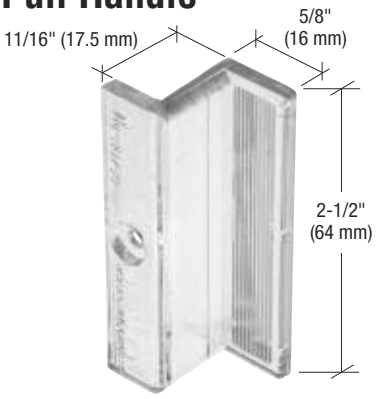


CRL Shower Door Pull Handle

Clear plastic Door Handle for swinging and sliding shower doors. Drilled hole for supplied screws.

CAT. NO.	QTY/PKG
M6220	2

Minimum order: 1 pack.



CRL Tub Enclosure and Sliding Door Pull Handle

Tub Enclosure and Sliding Shower Door Pull Handle has a universal design which does not require screw holes. The extruded aluminum handle accepts 3/16" (5 mm) glass panel, and is held in place with clear silicone.

CAT. NO.	FINISH	QTY/PKG
M6142	Brushed Nickel	1

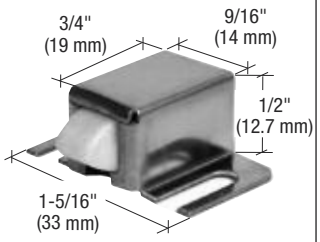
Minimum order: 1 pack.



All packs of Shower Repair Hardware can be combined for quantity pricing.

CRL Shower Door Roller Catch

Stainless steel housing with nylon or stainless tip. Fits a large variety of swinging shower doors.

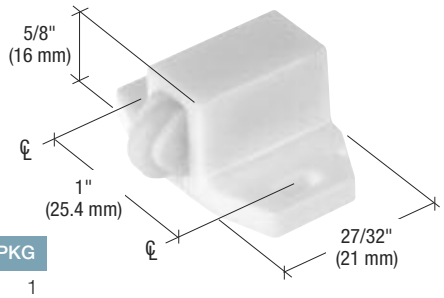


CAT. NO.	TIP	FINISH	QTY/PKG
M6014	Nylon	Stainless	1
M6014B	Nylon	Stainless	25
M6015	Stainless	Stainless	1
M6033	Nylon	Brass	1
M6128	Stainless	Brass	1

Minimum order: 1 pack.

CRL Shower Door Roller Catch

Nylon Roller Catch is spring-loaded.



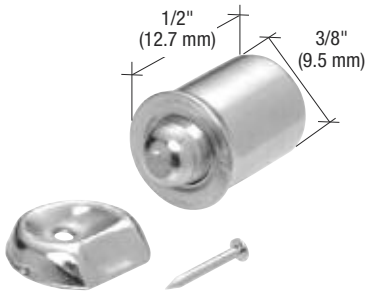
CAT. NO.	FINISH	QTY/PKG
M6064	White	1

Minimum order: 1 pack.

CRL Shower Door Bullet Catch

Nickel-plated steel, spring-loaded Bullet Catch for swinging shower doors. Fits into a 3/8" (10 mm) diameter hole.

MORE INFORMATION crlaurence.com

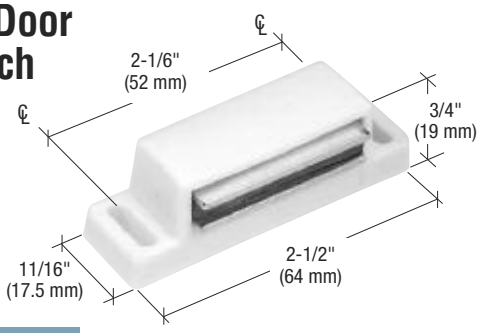


CAT. NO.	QTY/PKG
M6072	2

Minimum order: 1 pack.

CRL Shower Door Magnetic Catch

Plastic housing with magnetic insert. Used by some manufacturers as a shower or cabinet door catch.
NOTE: Strike plate not included.

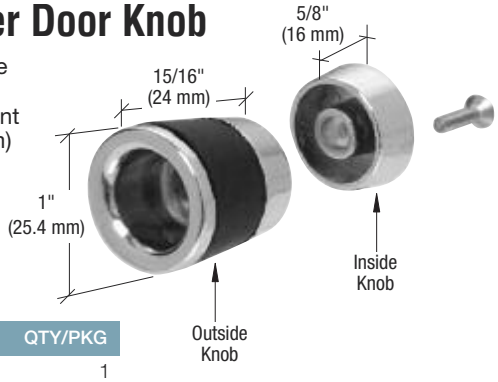


CAT. NO.	FINISH	QTY/PKG
M6050	Ivory	1

Minimum order: 1 pack.

CRL Shower Door Knob

Die cast chrome plated Knobs with rubber grips. Mount into a 3/8" (10 mm) diameter hole through the glass.

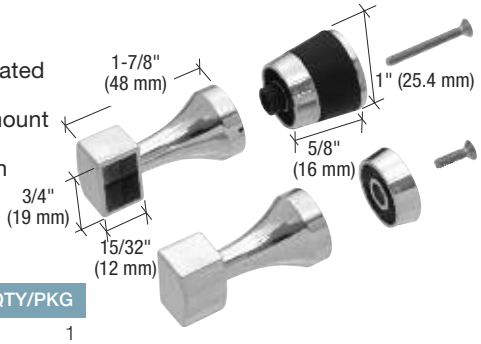


CAT. NO.	FINISH	QTY/PKG
M6099	Chrome	1

Minimum order: 1 pack.

CRL Towel Bar Brackets and Knob

Die cast chrome plated Knob with Towel Bar Brackets. Brackets mount into a 3/8" (10 mm) diameter hole through the glass.

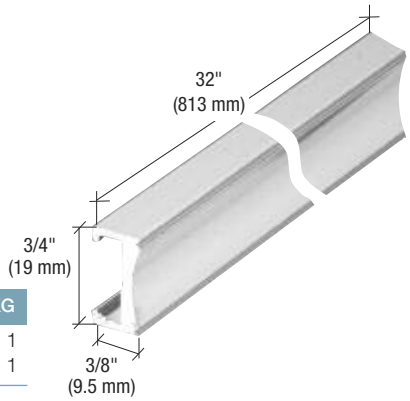


CAT. NO.	FINISH	QTY/PKG
M6098	Chrome	1

Minimum order: 1 pack.

CRL Towel Bar

32" (813 mm) extruded aluminum Towel Bar available in two finishes. Works with our Cat. No. M6020, M6021, M6078 and M6079 Brackets.

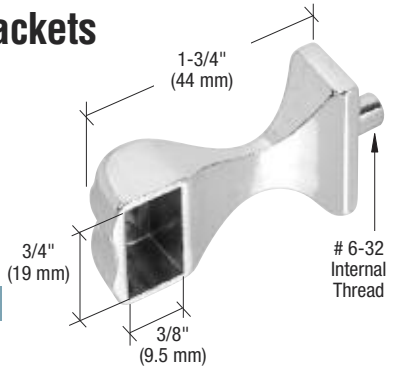


CAT. NO.	FINISH	QTY/PKG
M6073	Chrome	1
M6074	Brass	1

Minimum order: 1 pack.

CRL Towel Bar Brackets

Plated die cast Towel Bar Brackets. Use with CRL Cat. No. M6073 and M6074 Towel Bars.



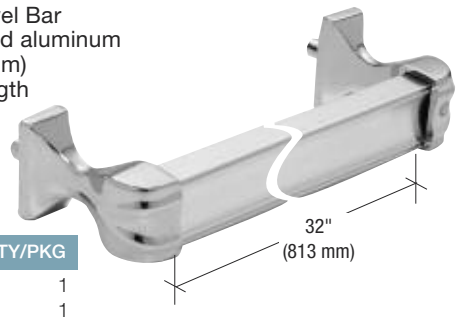
CAT. NO.	FINISH	QTY/PKG
M6020	Chrome	2
M6021	Brass	2

Minimum order: 1 pack.

All packs of Shower Repair Hardware can be combined for quantity pricing.

CRL Towel Bar Kit

Plated die cast Towel Bar Brackets with extruded aluminum 3/8" x 3/4" (10 x 19 mm) Towel Bar. Overall length is 32" (813 mm).

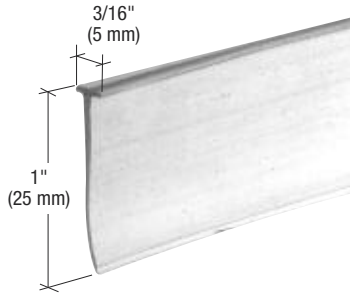


CAT. NO.	FINISH	QTY/PKG
M6093	Chrome	1
M6094	Brass	1

Minimum order: 1 pack.

CRL Shower Door Bottom Seal and Wipe

"T" type vinyl Bottom Seal and Wipe for swinging shower doors. Installed into a slot on the bottom edge of the door.

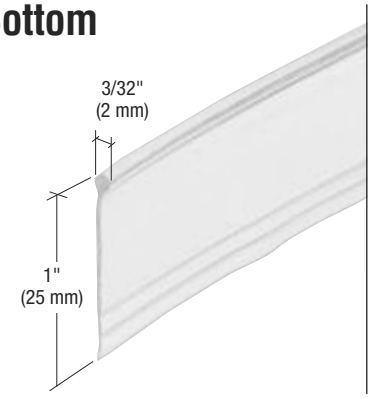


CAT. NO.	COLOR	LENGTH
M6211	Clear	36" (914 mm)

Minimum order: 1 pack.

CRL Shower Door Bottom Seal and Wipe

Round top bulb type vinyl Bottom Seal and Wipe for swinging shower doors. Installed into a slot on the bottom edge of the door.

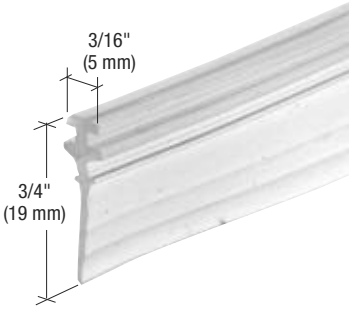


CAT. NO.	COLOR	LENGTH
M6184	Clear	36" (914 mm)

Minimum order: 1 pack.

CRL Shower Door Bottom Seal and Wipe

"T" type vinyl Bottom Seal and Wipe for swinging shower doors. Installed into a slot on the bottom edge of the door.

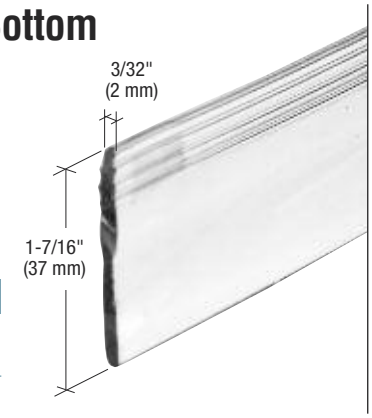


CAT. NO.	COLOR	LENGTH
M6228	Clear	36" (914 mm)
M6040	Gray	36" (914 mm)

Minimum order: 1 pack.

CRL Shower Door Bottom Seal and Wipe

Heavy gauge Bottom Seal and Wipe for swinging shower doors.

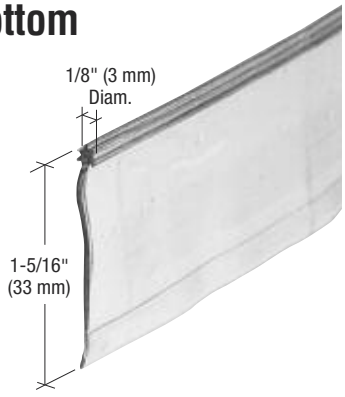


CAT. NO.	COLOR	LENGTH
M6229	Clear	36" (914 mm)
M6092	Gray	36" (914 mm)

Minimum order: 1 pack.

CRL Shower Door Bottom Seal and Wipe

"Star-Tip" vinyl Bottom Seal and Wipe for swinging shower doors. Installed into a slot on the bottom edge of the door.

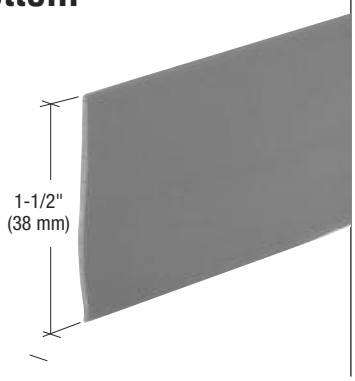


CAT. NO.	COLOR	LENGTH
M6227	Clear	36" (914 mm)
M6023	Gray	36" (914 mm)
SDS400C	Gray	100' (30.5 m)
SDS400M	Gray	1000' (305 m)

Minimum order: 1 pack.

CRL Shower Door Bottom Seal and Wipe

Flat vinyl Bottom Seal and Wipe for swinging shower doors.

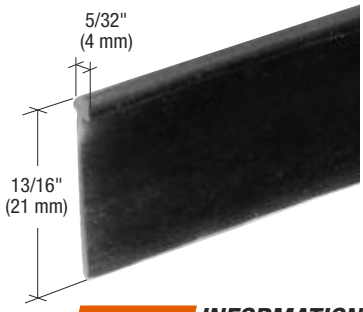


CAT. NO.	COLOR	LENGTH
M6226	Clear	36" (914 mm)
M6022	Gray	36" (914 mm)
SDS200C	Gray	100' (30.5 m)
SDS200M	Gray	1000' (305 m)

Minimum order: 1 pack.

CRL Shower Door Bottom Seal and Wipe

"T" type vinyl Bottom Seal and Wipe for swinging shower doors. Installed into a slot on the bottom edge of the door.



CAT. NO.	COLOR	LENGTH
M6230	Black	36" (914 mm)

Minimum order: 1 pack.

MORE INFORMATION
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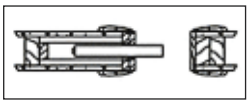
All packs of Shower Repair Hardware can be combined for quantity pricing.

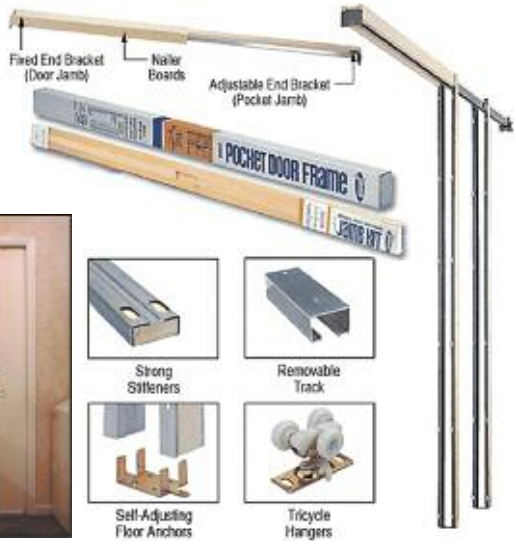
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CRL US ALUMINUM

CRL Pocket Door Frame and Hardware Sets

- For Use With 1" to 1-3/8" Thick Panels
- Can Be Adapted to 1-3/4" Thick Doors







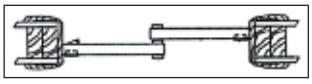
This CRL Pocket Door Frame Kit is for 1" to 1-3/8" (25 to 35 mm) thick doors weighing up to 200 lbs. (91 kg). This Kit is designed for 2" x 4" wall construction and can be adapted for use on 1-3/4" (44 mm) thick doors when the Cat. No. 1575PPK3 Adapter Kit (sold separately) is used.

CAT. NO.	DOOR WIDTH	DOOR HEIGHT	DOOR WEIGHT
153068PF	36" (914 mm)	80" (2032 mm)	125 Pounds (57 kg)
153070PF	36" (914 mm)	84" (2134 mm)	200 Pounds (91 kg)
153080PF	36" (914 mm)	96" (2438 mm)	200 Pounds (91 kg)
153090PF	36" (914 mm)	108" (2743 mm)	200 Pounds (91 kg)

Minimum order: 1 set. Sizes can be combined for quantity pricing.

CRL Bi-Passing Door Hardware Sets

- For Doors Weighing Up to 125 Pounds
- Sets for 1-3/8" and 1-3/4" Thick Panels
- 2-Panel and 4-Panel Models



MORE CHOICES crlaurence.com







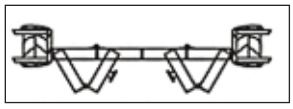
This CRL Bi-Passing Door Hardware Set comes complete with everything needed to install 1-3/8" and 1-3/4" (35 and 44 mm) thick bi-passing doors weighing up to 125 lbs. (56.7 kg). The extruded aluminum track has a 2-3/16" (55 mm) tall fascia. Also included are four tri-roller hangers with heavy-duty 1" (25 mm) diameter nylon rollers, floor guide, round pull cup, door stops, all mounting screws, and detailed installation instructions. Replacement Hardware Packs are available separately.

1-3/8" THICK CAT. NO.	1-3/4" THICK CAT. NO.	OPENING WIDTH	NUMBER OF PANELS
138F482D	134F482D	48" (1219 mm)	2 Panels
138F602D	134F602D	60" (1524 mm)	2 Panels
138F722D	134F722D	72" (1829 mm)	2 Panels
138F964D	134F964D	96" (2438 mm)	4 Panels

Minimum order: 1 set. Sizes can be combined for quantity pricing.

CRL Bi-Folding Door Hardware Sets

- Sets for 1-3/8" and 1-3/4" Thick Panels







This CRL Bi-Folding Door Hardware Set is designed for use with heavy 1-3/8" or 1-3/4" solid core doors weighing up to 75 lbs. (34 kg). Set includes a heavy aluminum track with ball bearing tricycle hangers, top and bottom pivots, and pivot brackets. Models for 2-panel and 4-panel doors in opening widths from 36" to 96". Detailed instructions included. Replacement Hardware Packs are available separately.

CAT. NO.	OPENING WIDTH	NUMBER OF PANELS
100FD362	36" (914 mm)	2 Panels
100FD484	48" (1219 mm)	4 Panels
100FD604	60" (1524 mm)	4 Panels
100FD724	72" (1829 mm)	4 Panels
100FD964	96" (2438 mm)	4 Panels

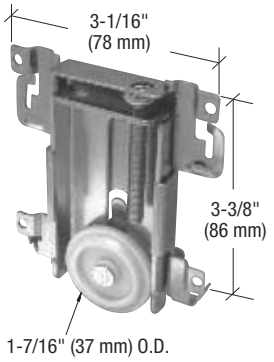
Minimum order: 1 set. Sizes can be combined for quantity pricing.

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CRL Wardrobe Door Roller Assemblies

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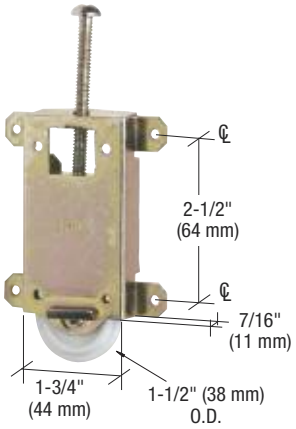
Flat edge nylon non-ball bearing roller; adjustable steel housing; snap-in bracket for steel frame doors.



CAT. NO.	ROLLER	QTY/PKG
N6790	Nylon	1

Minimum order: 1 pack.

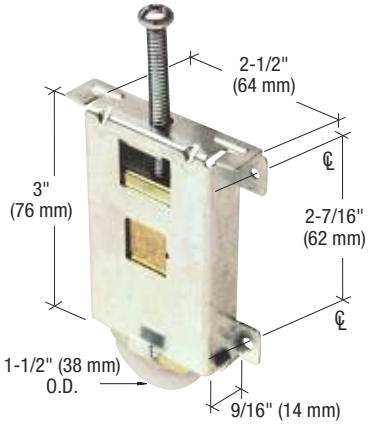
Flat edge nylon roller; adjustable steel housing.



CAT. NO.	ROLLER	QTY/PKG
N6963	Nylon	1

Minimum order: 1 pack.

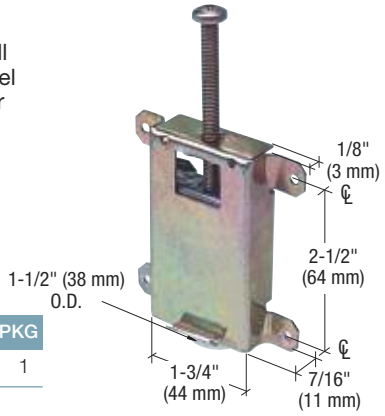
Concave edge, nylon ball bearing roller; stamped steel adjustable bracket; fits Monarch Series "L" steel framed mirror doors.



CAT. NO.	ROLLER	QTY/PKG
N6630	Nylon B.B.	1

Minimum order: 1 pack.

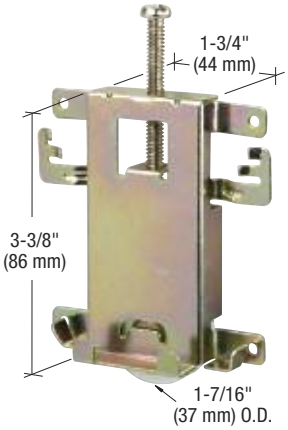
Concave edge, nylon ball bearing roller; stamped steel adjustable bracket; popular for framed mirror doors.



CAT. NO.	ROLLER	QTY/PKG
N6870	Nylon B.B.	1

Minimum order: 1 pack.

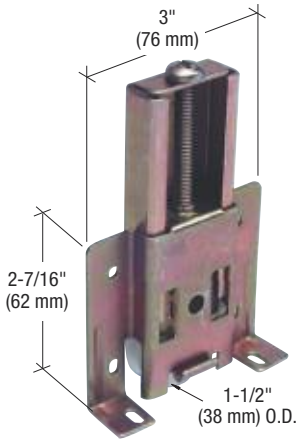
Concave ball bearing nylon roller; stamped steel adjustable bracket; popular on mirrored wardrobe doors.



CAT. NO.	ROLLER	QTY/PKG
N6820	Nylon B.B.	1

Minimum order: 1 pack.

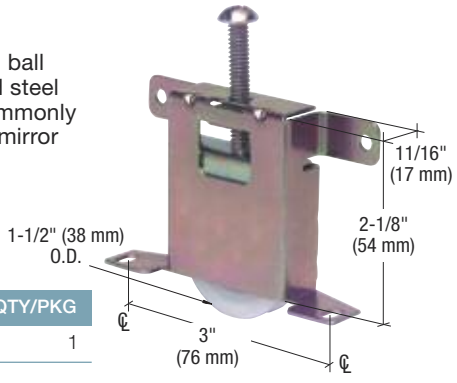
Concave edge nylon non-ball bearing roller; stamped steel adjustable bracket; fits Cox Series 21 and 22 track systems. **NOTE:** Original design had a narrower roller, which is no longer available.



CAT. NO.	ROLLER	QTY/PKG
N6817	Nylon	1

Minimum order: 1 pack.

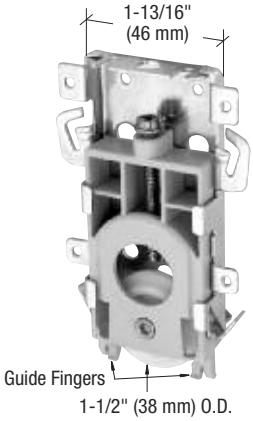
Concave edge nylon ball bearing roller; stamped steel adjustable bracket; commonly used on wood framed mirror doors.



CAT. NO.	ROLLER	QTY/PKG
N6861	Nylon B.B.	1

Minimum order: 1 pack.

Flat edge nylon ball bearing roller; stamped steel adjustable bracket; anti-jump feature which slides down, engaging the bottom track.



CAT. NO.	ROLLER	QTY/PKG
N7235	Nylon B.B.	1

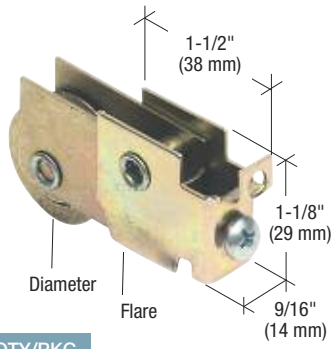
Minimum order: 1 pack.

All packs of Wardrobe Door Hardware can be combined for quantity pricing.

CRL Wardrobe Door Roller Assemblies

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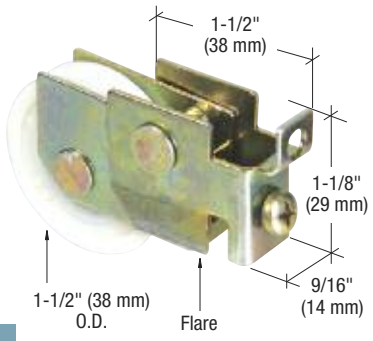
Ball bearing roller; adjustable steel housing assembly; overall width at flare is 11/16" (17 mm); used by Crest Mirror Door, Manufacturers Mirror Door, and others.



CAT. NO.	ROLLER	DIAMETER	QTY/PKG
N6624	Steel B.B.	1-1/8" (29 mm)	1
N6625	Nylon B.B.	1-1/4" (32 mm)	1

Minimum order: 1 pack.

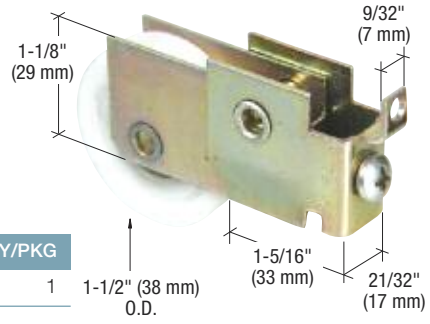
Nylon ball bearing roller; adjustable steel housing assembly; overall width at flare is 11/16" (17 mm); fits on Crest Mirror Door, Manufacturers Mirror Door, and others.



CAT. NO.	ROLLER	QTY/PKG
N7068	Nylon B.B.	1

Minimum order: 1 pack.

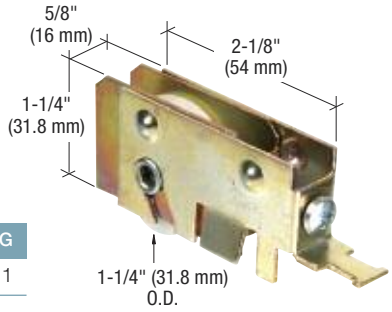
Nylon ball bearing roller; adjustable steel housing; narrow mounting tab.



CAT. NO.	ROLLER	QTY/PKG
N7125	Nylon B.B.	1

Minimum order: 1 pack.

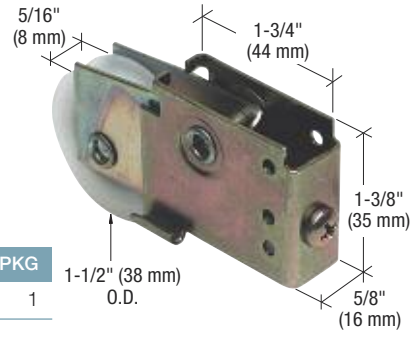
Nylon ball bearing roller; adjustable steel housing assembly; fits on Bay King and other door manufacturers.



CAT. NO.	ROLLER	QTY/PKG
N6965	Nylon B.B.	1

Minimum order: 1 pack.

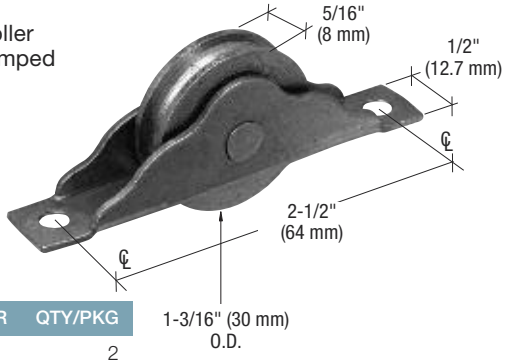
Nylon ball bearing roller; adjustable stamped steel housing; fits on Marshall brand doors.



CAT. NO.	ROLLER	QTY/PKG
N6576	Nylon B.B.	1

Minimum order: 1 pack.

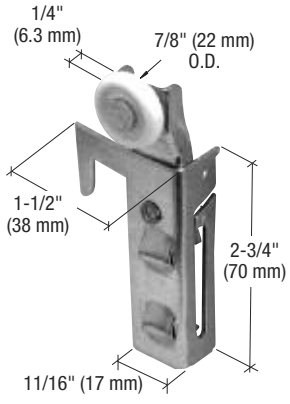
Steel concave roller with solid axle; stamped steel bracket.



CAT. NO.	ROLLER	QTY/PKG
N6686	Steel	2

Minimum order: 1 pack.

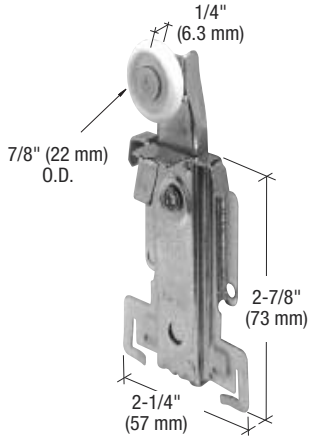
Round edge nylon roller; stamped steel top hung adjustable roller bracket; fits Acme track systems.



CAT. NO.	ROLLER	QTY/PKG
N6548	Nylon	2

Minimum order: 1 pack.

Round edge nylon roller; stamped steel top hung adjustable roller bracket; fits Acme track systems.



CAT. NO.	ROLLER	QTY/PKG
N6550	Nylon	2

Minimum order: 1 pack.

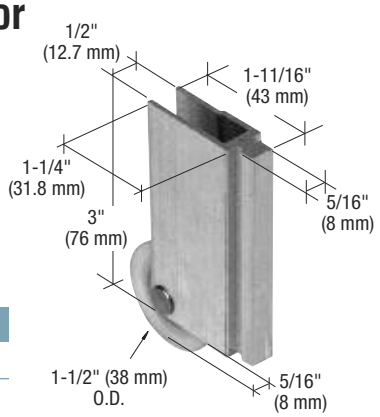
All packs of Wardrobe Door Hardware can be combined for quantity pricing.

CRL Wardrobe Door Roller Assembly

Nylon ball bearing roller; adjustable aluminum housing bracket; bracket has "T" shaped extruded boss; used by Contractors Mirror Door Company.

CAT. NO.	ROLLER	QTY/PKG
N6598	Nylon B.B.	1

Minimum order: 1 pack.

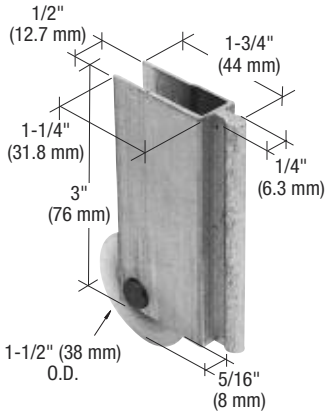


CRL Wardrobe Door Roller Assembly

Nylon ball bearing roller; adjustable aluminum housing bracket; bracket has round extruded boss; fits on Monarch Door Company 500 Series aluminum frame doors.

CAT. NO.	ROLLER	QTY/PKG
N6599	Nylon B.B.	1

Minimum order: 1 pack.

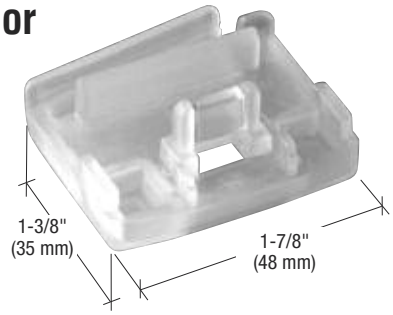


CRL Wardrobe Door Top Guide

Plastic Top Guide for sliding mirror doors.

CAT. NO.	GUIDE	QTY/PKG
N7155	Plastic	2

Minimum order: 1 pack.



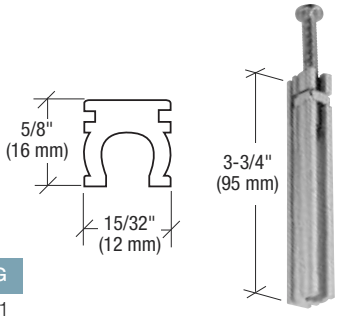
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CRL Wardrobe Door Roller Mounting Bracket

Extruded aluminum adjustment bracket used with Cat. No. N6599; used by Monarch Mirror for 500 Series aluminum frame doors.

CAT. NO.	QTY/PKG
N6665	1

Minimum order: 1 pack.

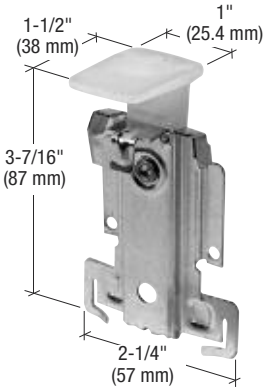


CRL Wardrobe Door Top Guide

Nylon Top Guide; stamped steel snap-in housing for steel framed doors.

CAT. NO.	GUIDE	QTY/PKG
N6791	Nylon	2

Minimum order: 1 pack.

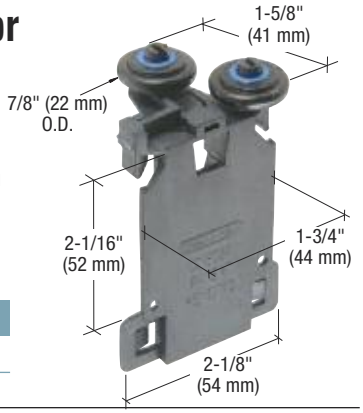


CRL Wardrobe Door Top Guide

Twin rubber guide rollers mounted horizontally on a stamped steel snap-in housing for steel framed doors.

CAT. NO.	ROLLERS	QTY/PKG
N6945	Rubber	1

Minimum order: 1 pack.

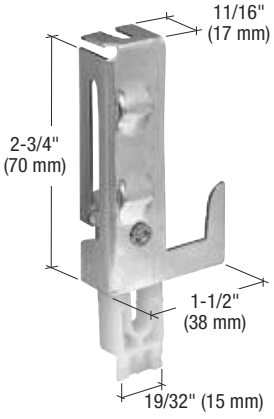


CRL Wardrobe Door Bottom Guide

Stamped steel Bottom Door Guide for bypassing doors; nylon insert; fits Acme track systems.

CAT. NO.	GUIDE	QTY/PKG
N6549	Nylon	2

Minimum order: 1 pack.

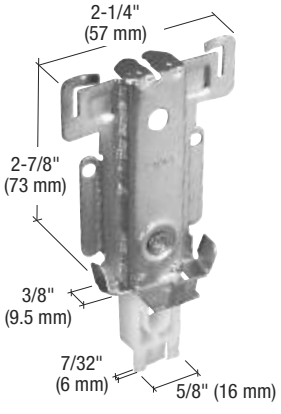


CRL Wardrobe Door Bottom Guide

Stamped steel Bottom Door Guide; nylon insert; fits Acme track systems.

CAT. NO.	GUIDE	QTY/PKG
N6551	Nylon	2

Minimum order: 1 pack.



All packs of Wardrobe Door Hardware can be combined for quantity pricing.

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CRL US ALUMINUM



5

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SECTION 5 INDEX

AUTOMOTIVE

For a complete index to this catalog, turn to Section 6. To search for all CRL products, go to CRL Total Search at **crlaurence.com**.

A

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Air Drill....AU025
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All Glass Look Van Windows....AU112
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Auto Glass Molding Clips....AU035-AU036
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CRL Urethane Systems

- Complete Adhesive Systems That Meet or Exceed U.S. Federal Motor Vehicle Safety Standards 208, 212, and 216
- POWR BOND or POWR Primerless, Both Brands Provide High Performance at Cost-Efficient Pricing
- High and Medium Viscosity Formulas Offer You a Choice of Price Points
- Low or Non-Conductive Formulas for Special Vehicle Applications
- A Full Complement of Pinchweld Primer and UV Blockers

MEETS OR EXCEEDS OEM AND FMVSS 212 & 216 SPECIFICATIONS

MORE INFORMATION crlaurence.com



POWR BOND

Two Urethane Formulas Plus a One Step Primer for Both Glass and Pinchweld

1. High Viscosity
2. One-Hour Cure



See page AU002

POWR PRIMERLESS

Three Urethane Formulas Plus a Pinchweld Primer and EPDM/PVC Primer With UV Blocker

1. High Viscosity
2. Medium Viscosity
3. High Modulus/Low-Conductive



See page AU003

Certification Testing

LYNX SERVICES

- All CRL Urethane Systems Are Part of the LYNX Services Quality Adhesive Program
- Certification Testing Online Via the CRL Web Site

Certification testing for auto glass professionals using CRL Automotive Urethanes is available online at **crlaurence.com/automotive**. Visit our web site for information about and access to our online test. After submitting and passing the test, a certificate suitable for mounting will be sent to you via certified mail.



LYNX Services is a registered trademark of LYNX Services, L.L.C.

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Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL POWR BOND High-Viscosity Auto Glass Urethane Adhesive

MORE INFORMATION crlaurence.com

SPEC. DATA ONLINE

MSDS ONLINE

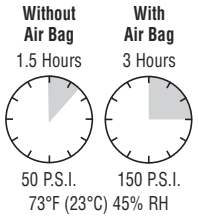
- **Safe Driveaway in Only Three Hours**
- **Meets or Exceeds U.S. Federal Motor Vehicle Safety Standards 208 and 212**
- **Value Priced, Fast Curing, Cold Applied**
- **Part of the LYNX Services® Program**



CAT. NO. 1217349
10.5 Fl. Oz. (310 ml);
12 Cartridges Per Case; 1488 Cartridges Per Pallet

This fast curing formula is tack free in only 50 ±10 minutes and offers safe driveaway time in as little as 1-1/2 hours when used on vehicles without a passenger side air bag, 3 hours with passenger air bag at 73°F (23°C) and 45% RH (relative humidity).

Cleaning and Primers - CRL Urethanes are supported by POWR BOND One Step Primer, Cat. No. 1214006 (see below), and an aerosol cleaner, Cat. No. PWR22, formulated for use in all aspects of glass bonding, including the glass frit, pinchweld, and EPDM/PVC moldings.
NOTE: POWR BOND One Step Primer must be used prior to any adhesive application to prevent glass displacement. Failure to do so may result in personal injury or property damage. Minimum order is one each. Can be combined with other cartridge sealants for quantity pricing.



CRL POWR BOND One Hour Auto Glass Urethane Adhesive

SPEC. DATA ONLINE

MSDS ONLINE

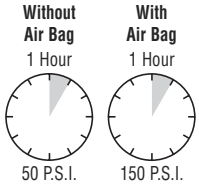
- **Safe Driveaway in Only One Hour**
- **Meets or Exceeds U.S. Federal Motor Vehicle Safety Standards 208 and 212**
- **Part of the LYNX Services® Program**



CAT. NO. 1214002
10.5 Fl. Oz. (310 ml);
12 Cartridges Per Case; 1764 Cartridges Per Pallet

This high-viscocity, high modulus, low/non-conductive, super fast curing adhesive offers a safe driveaway time in only one hour at 0°F (-17.8°C). It is normally cold applied, however, it can be heated in a Urethane Oven (see page AU010) to help gun the high viscosity formula.

Cleaning and Primers - CRL Urethanes are supported by POWR BOND One Step Primer, Cat. No. 1214006 (see below), and an aerosol cleaner, Cat. No. PWR22 formulated for use in all aspects of glass bonding, including the glass frit, pinchweld, and EPDM/PVC moldings.
NOTE: POWR BOND One Step Primer must be used prior to any adhesive application to prevent glass displacement. Failure to do so may result in personal injury or property damage. Minimum order is one each. Can be combined with other cartridge sealants for quantity pricing.



CRL POWR BOND One Step Primer

SPEC. DATA ONLINE

MSDS ONLINE

NO AIR FREIGHT

- **Universal Primer Required for a Secure Bond**
- **Use on Glass, Pinchweld, Bare Metal, and EPDM/PVC Moldings**
- **Part of the LYNX Services® Program**

NOTE: One Step Primer must be used prior to any adhesive application to prevent glass displacement. Failure to do so may result in personal injury or property damage.



CAT. NO. 1214006
4 Fl. Oz. (125 ml)

One Step Primer chemically reacts with the glass frit and urethane to provide a secure bond. Clean new glass first with PWR22 Automotive Glass Cleaner, and then apply One Step Primer to the frit with a dauber. Allow the primer to dry for a minimum of 10 minutes, but no more than 8 hours before installing adhesive. This procedure must be performed above 40°F (4°C). One Step Primer may also be used on glass supplied without black ceramic frit to improve adhesion. You can also apply it to bare pinchweld metal scratches or rust areas that have been properly repaired prior to priming. Minimum order is one each. Can be combined with other urethane primers for quantity pricing.

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CRL AUTO GLASS ADHESIVES

go to:
crlaurence.com/**auto-urethanes**

CRL POWR Primerless 301HV High Viscosity Urethane Adhesive

SPEC. DATA ONLINE | MSDS ONLINE | NO AIR FREIGHT

- Safe Driveaway in Three Hours
- Primerless-to-Auto Glass Frit
- Part of the LYNX Services® Program



Without Air Bag	With Air Bag
2 Hours	3 Hours

50 P.S.I. 150 P.S.I.
70°F (21°C) 50% RH

CAT. NO. PP301HV
10.1 Fl. Oz. (300 ml); 24 Cartridges Per Case, 1440 Cartridges Per Pallet

MORE INFORMATION crlaurence.com

This primerless-to-auto glass frit High Viscosity Urethane is a high quality adhesive that passes or exceeds the requirements of U.S. Federal Motor Vehicle Safety Standards 208, 212, and 216, as well as OEM specifications. Designed to support auto glass without the use of dam tape. Minimum order is 24 each. Can be combined with other cartridge sealants for quantity pricing.

CRL POWR Primerless 302MV Medium Viscosity Urethane Adhesive

SPEC. DATA ONLINE | MSDS ONLINE | NO AIR FREIGHT

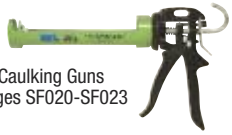
- Safe Driveaway in Four Hours
- Primerless-to-Auto Glass Frit
- Part of the LYNX Services® Program



Without Airbag	With Airbag
3 Hours	4 Hours

50 P.S.I. 150 P.S.I.
85°F (29°C) 90% RH

CAT. NO. PP302MV
10.1 Fl. Oz. (300 ml); 24 Cartridges Per Case, 1440 Cartridges Per Pallet



For Caulking Guns see pages SF020-SF023

This primerless-to-auto glass frit Medium Viscosity Urethane is a high quality adhesive that passes or exceeds the requirements of U.S. Federal Motor Vehicle Safety Standards 208, 212, and 216, as well as OEM specifications. The easy gunning viscosity is great for back filling gasket set glass or, if used with foam sound tapes, saves the cost of using a high viscosity product. Minimum order is 24 each. Can be combined with other cartridge sealants for quantity pricing.

CRL POWR Primerless 303HL High Modulus/Low-Conductive Urethane Adhesive

SPEC. DATA ONLINE | MSDS ONLINE | NO AIR FREIGHT

- Safe Driveaway in Three Hours
- Primerless-to-Auto Glass Frit
- Part of the LYNX Services® Program



Without Air Bag	With Air Bag
2 Hours	3 Hours

50 P.S.I. 150 P.S.I.
70°F (21°C) 50% RH

CAT. NO. PP303HL
10.1 Fl. Oz. (300 ml); 24 Cartridges Per Case, 1440 Cartridges Per Pallet

Virtually all European vehicles have specifications for High Modulus Urethane to be used when replacement glass is required. Additionally, aluminum bodied vehicles require low conductive urethane to prevent electrical current from passing from the glass to the body and creating corrosion. The Low-Conductive aspect of the formula is also required for glass with embedded electronic devices. Minimum order is 24 each. Can be combined with other cartridge sealants for quantity pricing.

CRL POWR 300 Series Pinchweld Primer

NO AIR FREIGHT

- Improves Adhesion of POWR 300 Series Urethanes

SPEC. DATA ONLINE | MSDS ONLINE



CAT. NO. PP3MP
3.38 Fl. Oz. (100 ml)

To improve adhesion to repaired rust areas and repainted pinchwelds, or to touch up bare metal scratches, use our PP3MP Pinchweld Primer. Minimum order is one each. Can be combined with other urethane primers for quantity pricing.

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CRL POWR 300 Series Primer and UV Blocker

NO AIR FREIGHT

- Promotes Adhesion and Protects Against UV

SPEC. DATA ONLINE | MSDS ONLINE



CAT. NO. PP3UV
3.38 Fl. Oz. (100 ml)

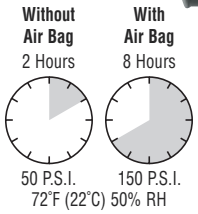
Use our PP3UV Primer and UV Blocker if the glass does not have a black frit to protect against UV rays. Also promotes adhesion if bonding to EPDM/PVC moldings. Minimum order is one each. Can be combined with other urethane primers for quantity pricing.

CRL SikaFlex® 220+ Fast Curing Urethane Adhesive

SPEC. DATA ONLINE | MSDS ONLINE

- Fast Curing Windshield Adhesive
- Non-Corrosive One-Part High Viscosity Formula

Sikaflex® 220+ is a fast curing, flexible, high performance, polyurethane-based adhesive for bonding windshields to vehicle body shells (direct glazing). Its initial strength is derived from its high viscosity upon application. The excellent non-sag properties grab and hold the glass while the material cures. In order to ensure that manufacturer's standards are met S1KA206GP Pinchweld Primer (shown below) must be used as needed. Prep glass with Sika® Aktivator PRO (see below). Minimum order is one each. Can be combined with other cartridge sealants for quantity pricing.





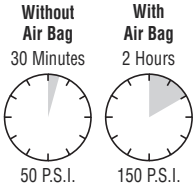
CAT. NO. S1KA220
10.1 Fl. Oz. (300 ml); 24 Cartridges Per Case



For Caulking Guns
see pages SF020-SF023

CRL SikaTack® - UltraFast II Heated Urethane Adhesive

- Meets FMVSS 208/212 in as Little as 30 Minutes
- Pre-Cured by Heat / Fast Curing
- Comes With Single Use Aktivator Pads and Primer Stix



SikaTack® - Ultrafast II Urethane represents the next generation of the Ultrafast formula. You can expect faster cure rates (30 minute drive times), at lower temperatures, even down to 0°F (-18°C). SikaTack® Ultrafast II Super Kit ships with 17 Aktivator Pads and 16 Sika® Primer-206 Applicator Stix in a case of 24 cartridges. Minimum order is 24 each. Can be combined with other cartridge sealants for quantity pricing.

SPEC. DATA ONLINE | MSDS ONLINE | NO AIR FREIGHT

See Page AU010 for Urethane Heater Ovens



CAT. NO. 26924P
10.1 Fl. Oz. (300 ml); 24 Cartridges Per Case

CRL SikaTack® COOL Automotive Urethane Kit

- Allows a Two-Hour Safe Driveaway Time From 40°F to 120°F

SikaTack® COOL is packaged as a kit with disposable, single-use Sika® Aktivator pads and Sika Primer 206 Stix, making it even more convenient for installers to use. Even in the most adverse conditions, SikaTack® COOL can be used down to 32°F and has a safe driveaway time of no more than six hours. Comes 24 kits per box. Minimum order is 24 each. Can be combined with other cartridge sealants for quantity pricing.



MSDS ONLINE | NO AIR FREIGHT



CAT. NO. 28224
10.1 Fl. Oz. (300 ml); 24 Cartridges Per Case

CRL Sika® Primer-206 G+P Pinchweld Primer

- For Use With Sika® Urethane Adhesives

SPEC. DATA ONLINE | MSDS ONLINE | NO AIR FREIGHT

A one-component, fast drying, moisture sensitive black liquid used to cover all bare metal prior to bonding with Sika® Urethane Adhesives. Apply to pinchweld with Cat. No. 1AB Disposable Brush, or Cat. No. 1CS Cotton Swabs with Wooden Shafts (see page AU010). Minimum order is one each. Can be combined with other urethane primers for quantity pricing.



CAT. NO. S1KA206GP
8.3 Fl. Oz. (250 ml)

CRL Sika® Aktivator PRO

- Fast Drying Glass Prep

SPEC. DATA ONLINE | MSDS ONLINE | NO AIR FREIGHT

Sika® Aktivator is a moisture sensitive liquid that must be used to pre-treat glass prior to application of Sika® Adhesives. One-component formula enhances the adhesive bond, is fast drying, and applies easily with wool daubers, such as Cat. No. PT1U409 (see page AU010). Minimum order is one each.



CAT. NO. 60D960
8.3 Fl. Oz. (250 ml)

MORE CHOICES crlaurence.com

SikaFlex, SikaTack, and Sika are registered trademarks of SIKA AG Corporation.

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crlaurence.com/auto-urethanes

CRL 3M® Windo-Weld™ Super Fast Urethane

SPEC. DATA ONLINE | MSDS ONLINE | NO AIR FREIGHT

- 15 Minute Tack Free Time
- Fast Cure
- Exceeds OEM Strength Requirements
- Officially Licensed by NASCAR™

3M® Windo-Weld™ Super Fast Urethane is a fast curing windshield adhesive with high green strength. It meets FMVSS 212 strength requirements in as little as four hours, depending upon temperature and humidity. 3M® Super Fast Urethane is a one-component polyurethane-based adhesive formulated for bonding automotive glass. It will develop up to 1,200 psi in tensile strength at full cure to provide your customer with a safe installation. Minimum order is 12 each. Can be combined with other cartridge sealants for quantity pricing.



Without Air Bag	With Air Bag
3 Hours	8 Hours
50 P.S.I.	150 P.S.I.

70°F (21°C) 50% RH

CAT. NO. 3M8609
10.5 Fl. Oz. (310 ml);
12 Cartridges Per Case

MORE INFORMATION crlaurence.com

CRL 3M® Single Step Primer

SPEC. DATA ONLINE | MSDS ONLINE | NO AIR FREIGHT

- One Primer for Both Glass and Pinchweld
- Also Promotes Adhesion to PVC Encapsulated Parts
- Does Not Need an Activator

3M® Single Step Primer is a polyurethane-based primer that promotes adhesion of polyurethane adhesives to glass, painted pinchweld metal, and PVC encapsulated parts. It is also a black-out primer to block out the sun's ultraviolet rays. Minimum order is one each. Can be combined with other urethane primers for quantity pricing.



CAT. NO. 3M8681
4.2 Fl. Oz. (125 ml)

CRL Essex™ U418 Quick Cure Primerless Regular Viscosity Urethane Adhesive

SPEC. DATA ONLINE | MSDS ONLINE

- Meets All OEM Standards
- Fast Installations – No Windshield Prep or Glass Primer Needed

Essex™ U418 Quick Cure Primerless Regular Viscosity Urethane Adhesive meets all OEM standards. It eliminates steps and speeds installations by incorporating the glass primer into the urethane adhesive. It does require you to use Cat. No. U5504G Betaprime Primer (see below) on the pinchweld if the metal is scratched during glass removal. Minimum order is ten each. Can be combined with other cartridge sealants for quantity pricing.



CAT. NO. U418
10.5 Fl. Oz. (310 ml);
10 Cartridges Per Case

With Air Bag
8 Hours

150 P.S.I.
70°F (21°C) 50% RH

CRL Black Betaprime® 5504G All-in-One Primer

MORE CHOICES crlaurence.com | NEW!

MSDS ONLINE | NO AIR FREIGHT

- Reduces Cost and Optimizes Inventory

Betaprime® 5504G All-in-One Primer is compatible with all Betaseal® urethane adhesive systems. Use on all common aftermarket substrates: glass, frit, bare metal, and encapsulations (RIM, PVC, and PASS). Effective in treating larger bare metal areas - allows for corrosion treatment in the field. Minimum order is one each. Can be combined with other urethane primers for quantity pricing.



CAT. NO. U5504G
4.2 Fl. Oz. (125 ml)

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Betaprime and Betaseal are registered trademarks of Dow Chemical Company.

CRL Butyl Autoglass Tape

- Positive Bond on Contact
- Won't Flow Out of the Pinchweld
- Unlimited Shelf Life
- No Damage to Interior Trim



SPEC. DATA ONLINE

MSDS ONLINE

MORE INFORMATION crlaurence.com

CRL Butyl Autoglass Tape has been developed for installers to meet specific needs. It is easily compressible and tacky, but won't flow out of the pinchweld. This means an easy installation with no clean up. It's the one tape that gives you the support, sealing, and strength you need for leak-proof installations and no call-backs. Controlled rebound allows proper molding fit. CRL Butyl Autoglass Tape has been proven to be one of the finest tapes on the market. That is why we can guarantee your complete satisfaction. Try it on your next installation and you'll see that you can still get quality at an economical price.

NOTE: Butyl tapes should not be used where OEM has installed the automotive glass with urethane. Please consult the OEM guidelines for your installation.

ROUND TAPE

CAT. NO.	SIZE	ROLL LENGTH	ROLLS/CASE
CRL1401	1/4" (6.3 mm)	15' (4.6 m)	12
CRL1403	5/16" (7.9 mm)	15' (4.6 m)	12
CRL1405	3/8" (9.5 mm)	15' (4.6 m)	12

SQUARE TAPE

CAT. NO.	SIZE	ROLL LENGTH	ROLLS/CASE
CRL1303	5/16" x 5/16" (7.9 mm x 7.9 mm)	15' (4.6 m)	12
CRL1305	3/8" x 3/8" (9.5 mm x 9.5 mm)	15' (4.6 m)	12

RECTANGULAR TAPE

CAT. NO.	SIZE	ROLL LENGTH	ROLLS/CASE
CRL1309	1/8" x 1/4" (3.2 mm x 6.3 mm)	30' (9.1 m)	12
CRL1504	1/4" x 5/16" (6.3 mm x 7.9 mm)	15' (4.6 m)	12
CRL1502	1/4" x 3/8" (6.3 mm x 9.5 mm)	15' (4.6 m)	12

Minimum order: 12 rolls. All sizes of Butyl Autoglass Tape can be combined for quantity pricing.

CRL Pinchweld Primer for Butyl Tape

MSDS ONLINE

NO AIR FREIGHT

- Designed to Enhance the Adhesion of Butyl Autoglass Tape
- Quick Drying
- Easy to Apply

CRL Professional Pinchweld Primer for Butyl Tape is an adhesive primer designed for coated metal or glass. Quick drying compound goes on quickly and evenly with the built-in brush-top applicator. CRL1106 improves the adhesion of butyl tapes to metal or glass surfaces.

NOTE: Not for use with urethane set glass.



Includes Brush-Top Applicator



CAT. NO.	CONTENTS	QTY/CASE
CRL1106	16 Fl. Oz. (473 ml)	12

Minimum order: 1 pint.

CRL Foam Core Butyl Tape

SPEC. DATA ONLINE

MSDS ONLINE

- Compressible PVC Foam Inner Core – High Tack 100% Solids Butyl Coating
- Seals Effectively Against Water Penetration



Compressible PVC foam inner core



CRL Foam Core Butyl Tape is required on quarter windows of various vehicles and back glass installations. It is also ideal for sealing joints in RVs, motor homes, trailers, and boats, places where joints are subject to the stress of movement and the effects of constant exposure to the elements. The soft inner core responds to body movement, expansion, and contraction. These versatile foam extrusions seal effectively against water penetration to prevent corrosion or moisture damage. Foam Core Butyl Tape also controls sound better than standard butyl tape.

CAT. NO.	SIZE	ROLL LENGTH	ROLLS/CASE
CRL1600	3/16" (4.8 mm) Round	15' (4.6 m)	24
CRL1601	1/4" (6.3 mm) Round	15' (4.6 m)	24

Minimum order: 24 rolls. All sizes of Butyl Autoglass Tape can be combined for quantity pricing.

CRL 3M® Window-Weld™ Ribbon Sealer (Butyl Autoglass Tape)

• Supports Glass and Seals on Contact

3M® Window-Weld™ Ribbon Sealer is a tape-type sealer used in the replacement of windshields and backlites on all butyl set car and truck models. It supports the glass and seals on contact. Forms a water tight seal when used with Cat. No. CRL1106 Pinchweld Primer.



SPEC. DATA ONLINE

MSDS ONLINE

BULK CASES

CAT. NO.	SIZE	ROLL LENGTH	ROLLS/CASE
3M8620	1/4" (6.3 mm) Round	15' (4.6 m)	24
3M8621	5/16" (7.9 mm) Round	15' (4.6 m)	24
3M8622	3/8" (9.5 mm) Round	15' (4.6 m)	24
3M8625	1/8" x 1/4" (3.2 x 6.3 mm)	30' (9.1 m)	24

Minimum order: 24 rolls (one case). All sizes of Butyl Autoglass Tape can be combined for quantity pricing.

INDIVIDUAL KITS

CAT. NO.	SIZE	ROLL LENGTH	ROLLS/CASE
3M8611	5/16" (7.9 mm) Round	15' (4.6 m)	1
3M8612	3/8" (9.5 mm) Round	15' (4.6 m)	1

Minimum order: 1 roll. All sizes of Butyl Autoglass Tape can be combined for quantity pricing.

CRL 3M® Strip-Calk Bedding and Glazing Compound

• Easily Thumbed Into Place and Smoothed With Finger
• May Be Painted Immediately
• Will Not Crack or Dry Out
• Unlimited Shelf Life

SPEC. DATA ONLINE

MSDS ONLINE

3M® Strip-Calk Bedding and Glazing Compound is a soft, non-hardening caulking material in one foot lengths for use in all types of seams, joints, and openings. Adheres well to metal, paint, glass, and rubber. 3M® Strip-Calk is easy to apply, and can be painted immediately. Excellent for sealing retaining clip holes for interior or exterior trim. Black color material comes 60 each 12" (305 mm) lengths per box, 12 boxes per case.



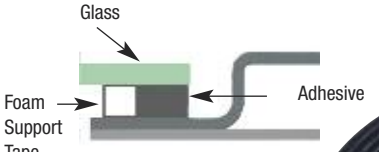
CAT. NO.	STRIP SIZE	STRIP LENGTH	QTY/BOX
3M8578	1/8" x 1/4" (3.2 mm x 6.3 mm)	12" (305 mm)	60

Minimum order: 1 box. Can be combined with Butyl Autoglass Tape for quantity pricing.

CRL Foam Windshield Support Tapes

• Reduces Wind Noise and Improves Sightline
• Supports Windshield While Urethane Cures

These CRL Foam Windshield Support Tapes are not only used as a support device when using medium viscosity urethanes, but are now also a required item when replacing numerous windshields that need additional sound proofing in order to keep wind noise to a minimum.



MSDS ONLINE



NOTE: If foam tape is found on the original installation, the OEM has installed this as an additional sound deadening device. Tape must be reinstalled or additional noise levels will be evident to the customer

MORE INFORMATION crlaurence.com

TAPE WITH ADHESIVE ON ONE SIDE

CAT. NO.	TAPE SIZE	MIN. ORDER
FC250R	1/4" x 1/4" x 16 Ft (6 mm x 6 mm x 4.9 m)	12 Rolls
FC312R	1/4" x 5/16" x 16 Ft (6 mm x 8 mm x 4.9 m)	12 Rolls
FC375R	1/4" x 3/8" x 16 Ft (6 mm x 10 mm x 4.9 m)	12 Rolls
FC250C	1/4" x 1/4" x 500* Ft (6 mm x 6 mm x 152.4 m)	1 Case
FC312C	1/4" x 5/16" x 500* Ft (6 mm x 8 mm x 152.4 m)	1 Case
FC375C	1/4" x 3/8" x 500* Ft (6 mm x 10 mm x 152.4 m)	1 Case

Rolls can be combined for quantity pricing.
*50 foot (15.2 meter) rolls packed ten per case.

TAPE WITH ADHESIVE ON TWO SIDES

CAT. NO.	TAPE SIZE	MIN. ORDER
FD250R	1/4" x 1/4" x 16 Ft (6 mm x 6 mm x 4.9 m)	12 Rolls
FD312R	1/4" x 5/16" x 16 Ft (6 mm x 8 mm x 4.9 m)	12 Rolls
FD375R	1/4" x 3/8" x 16 Ft (6 mm x 10 mm x 4.9 m)	12 Rolls

Rolls can be combined for quantity pricing.

3M is a registered trademark of 3M Company Corporation.

CRL 44NC Neutral Cure Automotive Silicone Sealant

- Low Odor, Non-Acetic Cure Formula is Non-Corrosive and Sets Up Fast
- Seals Van Windows, Sunroofs, Roof Vents
- Black Color

SPEC. DATA ONLINE | MSDS ONLINE



CAT. NO. 44NC
10.3 Fl. Oz. (305 ml); 30 Cartridges Per Case.



For Sealant Nozzles see page SF025



CRL 44NC Neutral Cure Automotive Silicone Sealant is a fast curing, neutral cure silicone with special adhesion additives for use in vehicles to seal and weatherproof. It stops leaks while cushioning the glass against shock and vibration. Easy to dispense, this one-part formula features primerless adhesion to aluminum, stainless steel, chromium, tin, iron, plastics, silicone gaskets, rigid PVC, phenolic resin, glass, ceramic, and most reflective-coated glasses.

Non-acetic formula does not cause corrosion in contact with metal, making it perfect for installations of sunroofs to sheet metal roofs. Vinyl top installers know that it is the best silicone to use for vinyl and simulated convertible top installations because the curing process does not emit gases that will bubble the top. Its fast cure time and easy tooling make it ideal for many in-house production applications as well. 44NC Silicone Sealant will stay flexible for at least 20 years when properly applied and used under normal conditions. Minimum order is one each.

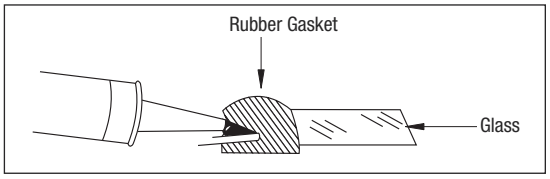
CRL Windshield Sealant

- Can Be Water Tested Immediately
- Cures to a Butyl Tape Consistency
- Applies Easily and Quickly
- Black Color

SPEC. DATA ONLINE | MSDS ONLINE | NO AIR FREIGHT



CAT. NO. CRL7711
11 Fl. Oz. (326 ml); 10 Cartridges Per Case.



CRL Windshield Sealant is a one-part, ready-to-use sealant for resealing windshields and backlites. Also useful for sealing drip rails and pinchwelds after installation of vinyl hardtops. Cures to a tough, flexible, rubbery bead with powerful adhesion to glass, butyl tape, and all metal surfaces. Minimum order is one each.

CRL Windshield and Body Sealant

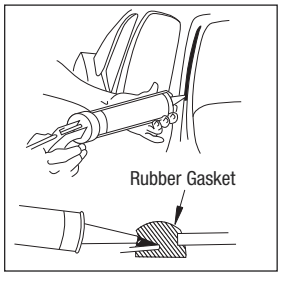
- Non-Curing Flow Grade Butyl in Cartridges
- Remains Tacky Throughout Life, Does Not Skin Over
- Can Be Water Tested Immediately
- Black Color

SPEC. DATA ONLINE | MSDS ONLINE | NO AIR FREIGHT

MORE CHOICES crlaurence.com



CAT. NO. CRL7708
11 Fl. Oz. (326 ml); 10 Cartridges Per Case.



CRL Windshield and Body Sealant is an economical, non-hardening, water resistant sealing product formulated for use as a sealant and bedding compound for windshields installed in rubber gaskets. It locks out moisture, dust, and cold air instantly. CRL7708 remains flexible and resilient, and can also be used to seal weatherstripping and concealed body joints. Minimum order is one each.

CRL 3M® Automotive Bedding and Glazing Compound

SPEC. DATA ONLINE | MSDS ONLINE | NO AIR FREIGHT



- Non-Sagging Consistency for Vertical and Overhead Applications
- Remains Permanently Soft
- Used to Fix Leaks in Both Gasket and Gasketless Installations
- Black Color

MORE INFORMATION crlaurence.com

CAT. NO. 3M8509
10 Fl. Oz. (295 ml);
12 Cartridges Per Case

3M® Automotive Bedding and Glazing Compound is a non-hardening, pliable, water resistant, medium bodied sealer for sealing auto body seams, and between windshield gasket rubber and the vehicle body. Can also be used to seal around moldings, and to attach door water shields. It remains permanently soft and pliable to absorb body movement. Use it to fill openings around clips or in corners, around setting blocks, and in backfilling operations on new gaskets. Easy dry rag clean up. Minimum order is one each.



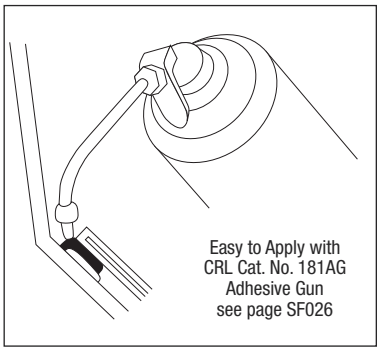
CRL Windshield and Repair Sealant

MSDS ONLINE | NO AIR FREIGHT

- Flow Grade Butyl Sealant Used to Fix Leaks in Both Gasket and Gasketless Installations
- Adheres Well to Glass and Metal
- Can Be Used With Any Standard Adhesive Gun
- Black Color



CAT. NO. CRL1716
16 Fl. Oz. (473 ml)



Easy to Apply with CRL Cat. No. 181AG Adhesive Gun see page SF026

CRL Professional Windshield and Repair Sealant is a flow grade liquid rubber polymer compound for auto glass installations and repair work. It remains elastic, adheres well to glass, metal, and rubber surfaces, and sets up as a permanent, flexible sealant. Apply with a Cat. No. 181AG Adhesive Gun (see page SF026), or with a 1AB Brush (see page AU010) to fill any openings around clips, in corners, or around setting blocks and backfilling operations on new gaskets. Minimum order is one pint.

CRL 3M® Heavy Drip-Chek Sealer

SPEC. DATA ONLINE | MSDS ONLINE | NO AIR FREIGHT

- Heavier Bodied Formula is Excellent for Use on Vertical Seams



CAT. NO. 3M8531
5 Fl. Oz. (147 ml)

3M® Heavy Drip-Chek Sealer is a light colored, paintable, heavy based sealer especially designed for use on vertical seams. Minimum 1/16" (1.6 mm) thick bead can be applied easily. Excellent adhesion to metal, glass, and rubber. Outstanding weather resistance. Minimum order is one each.

3M is a registered trademark of 3M Company Corporation.

CRL Urethane Heater Ovens

- **Preheats Urethane to Desired Working Temperature in One Hour**
- **Available in 120V AC or 12V DC Models**

CRL Urethane Heater Ovens are designed to warm heated urethanes to the ideal application temperature of 185°F (85°C) within one hour.



CAT. NO.	DESCRIPTION	CAPACITY
E9011	120V AC Oven	6 Cartridges
E9006	120V AC Oven	2 Cartridges
E9007	12V DC Oven	2 Cartridges

Minimum order: 1 each.

CRL Urethane Cartridge Opener

- **Also Punctures Wide Mouth Cartridges**



With the Urethane Cartridge Opener you press the rear of the metal cartridge over the serrated circle to remove the rear seal, then turn the cartridge over and press the front seal onto the pointed stem. It is made of a special plastic that urethane will not stick to, and is for use only with metal cartridges. Minimum order is one each.



CAT. NO. UT0539

CRL Daubers

MORE CHOICES crlaurence.com

- **For Application of Glass or Pinchweld Primers**

CRL Primer Daubers are a thick tuft of wool fibers on the end of a rigid metal wire.

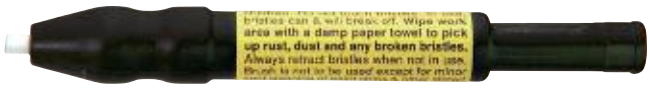


CAT. NO.	LENGTH	QTY/TUB
PT1U409	6" (152.4 mm)	100
850D	4" (101.6 mm)	100

Minimum order: 100 each. Must order in increments of 100.

CRL Paint Prep Pen

- **Sand Away Rust on Pinchweld**
- **Small Tip Provides Easy Access Into Tight Spaces**



CAT. NO. P3437

This CRL Paint Prep Pen has thousands of glass fibers bundled to form a sanding surface that can sand away rusted areas or bare metal scratches in preparation for pinchweld primer application. Two refill cartridges of glass fibers are contained in the handle so you are always prepared. Minimum order is one each.

CRL 6" Disposable Brushes

- **Natural Horsehair Bristles**
- **Perfect for Applying Primers**

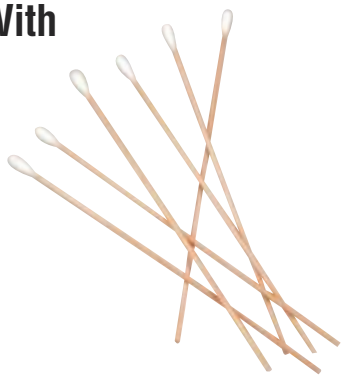


The CRL 6" Disposable Brush applies primers, acids, and flux. They are 6" (152 mm) long, with a 3/8" (9.5 mm) round rolled steel handle, and 3/4" (19 mm) stiff horsehair bristles. Minimum order is 24 each.

CAT. NO. 1AB

CRL Cotton Swabs With Wooden Shafts

- **Perfect for Applying Pinchweld Primers**



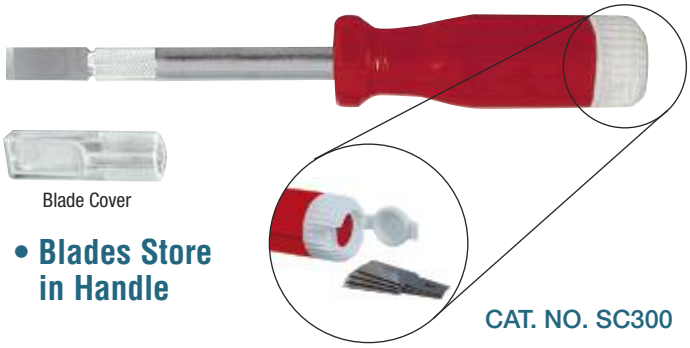
CRL Cotton Swabs with 6" (152 mm) long Wooden Shafts make applying pinchweld primers to small scratches easier than using wool daubers. They can be used with all brands of pinchweld primers. Minimum order is 100 each.

CAT. NO. 1CS

CRL Super Pinchweld Scraper

- **Easy to Change Surgically Sharp Blades Come in Three Widths**

This Super Scraper saves you the time it takes to stop and sharpen your scraper blades. Our blades are available in three widths: 1/2" (12 mm), 5/8" (16 mm), and 3/4" (19 mm). All are surgically sharp, and inexpensive to replace. The Super Scraper has a lightweight aluminum shaft with a flip-top handle that stores extra blades. Comes with five 1/2" (12 mm) blades stored in the handle, and a blade cover for safety. Blade cover only fits standard 1/2" (12 mm) blades. Minimum order is one each.



- **Blades Store in Handle**

CAT. NO. SC300

Super Scraper 1/2" (12 mm) Blade



CAT. NO. SC301
5 Blades per Pack

Super Scraper 5/8" (16 mm) Blade



CAT. NO. SC302
5 Blades per Pack

Super Scraper 3/4" (19 mm) Blade



CAT. NO. SC303
5 Blades per Pack

CRL Heavy-Duty Razor Scrapers

- **Perfect for Scraping or Sticker Removal**
- **Hold Both Metal and Plastic Razor Blades**

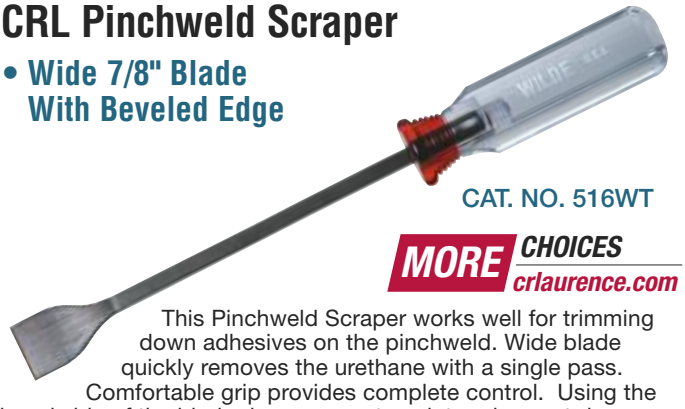


CAT. NO. L52000

Overall length is 11" (279 mm). Comes with one plastic and five steel razor blades in the hollow handle. Minimum order is one each. Can be combined with other Auto Glass Tools for quantity pricing.

CRL Pinchweld Scraper

- **Wide 7/8" Blade With Beveled Edge**



CAT. NO. 516WT

MORE CHOICES crlaurence.com

This Pinchweld Scraper works well for trimming down adhesives on the pinchweld. Wide blade quickly removes the urethane with a single pass. Comfortable grip provides complete control. Using the bevel side of the blade down prevents paint and e-coat damage, which can lead to rust development. Minimum order is one each. Can be combined with other Auto Glass Tools for quantity pricing.

CRL Razor Blade Holder and Scraper

- **Safely Holds Single Edge Metal Razor Blades**
- **Comfortable Handle for a Sure Grip**



CAT. NO. RS65

This Razor Blade Holder and Scraper is a safe and easy way to handle single edge metal razor blades for all your scraping jobs. The blade end is molded into a plastic handle that provides for a comfortable and sure grip, with a metal ferrule so you can hang it up. There is also a slip-on safety cover for the blade edge. Holds our 51S and KKB12 Single Edge Razor Blades. Overall length is 6-1/2" (165 mm). Minimum order is one each.

CRL Safety Razor Blade Holder and Window Scraper

- **Safely Holds All Single Edge Metal Razor Blades**
- **Buy Them Individually or in Bulk Cartons of 100**



For a safe and simple way to hold single edge razor blades try our Safety Razor Blade Holder and Window Scraper. Instantly expose or conceal the blade with a simple thumb lock. All metal tool will withstand lots of use, and has a hole in the end so you can hang it up. Overall length is 4-1/2" (114 mm). Scrapers are available individually, or in bulk boxes of 100 each.

CAT. NO.	DESCRIPTION
3223	Individual Scraper
115000	*Carton of 100 Scrapers

Minimum order: 1 each. *Minimum order: 100 each.

CRL Single Edge Razor Blades

- Our Most Popular Single Edge Blade
- Precision Honed, Surgical Steel Edges
- Each Blade is Individually Wrapped

This Single Edge Razor Blade is top quality, industrial grade, .009" (.23 mm) thick, Carbon C-1095 surgical steel, precision-honed for extra sharpness. It delivers durability along with the exacting, quality cut that professionals demand. Packed 100 each per box, there are 50 boxes per case. Each Blade is individually wrapped to protect the edge until you are ready to use it. Also available in packs of ten, loaded in a handy, spring loaded plastic disposable pack. Minimum order is 100 each of the 51S Blades and one each of 112020 Dispenser. 51S can be combined with other razor blades for quantity pricing.









CAT. NO. 112020
Plastic Dispenser 10 Pack



CAT. NO. 51S
100 Blades Per Box

CRL Heavy-Duty Industrial Single Edge Razor Blades

MORE CHOICES crlaurence.com

- Single Edge Blades With No Notch
- Heavy-Duty .012" (.31 mm) Thick Carbon Steel
- For Use in Paint Scrapers and Mat Cutters

Our Heavy-Duty Razor Blades are primarily used when the job requires a stronger blade. They are more rigid than our regular razor blades because of their .012" (.31 mm) thick steel construction and no side notches. Their extra rigidity also makes them great for tough scraping jobs. Packed 100 per box. Minimum order is 100 each. Can be combined with other razor blades for quantity pricing.







CAT. NO. KKB12

CRL Plastic Razor Blades



CAT. NO. CP866088
Single Edge Blades

- Single or Double Edge Styles



CAT. NO. CRL3000
Double Edge Blades



These Plastic Razor Blades won't harm plastic coated windows or other hard surfaces that can be scratched or marred by metal razor blades. They are also useful for working on painted surfaces or chrome, and for removing decals, pin striping, or window tint film. The new Double Edge Blade has very thin, yet stiff edges for delicate scraping jobs. Choose from single edge or double edge versions to fit your Razor Blade Scraper (see previous page). Both are sold 100 per package. Minimum order is one package.

CRL Pipe Handle Knives

- Our Most Popular Long Knives
- Available in Two Lengths
- Uses CRL Utility Knife Blades



13" (330 mm) Standard Knife



18" (457 mm) Xtra Long Knife



Old Style Blade Plate



New Style Blade Plate

The cast aluminum handles on our Pipe Handle Cut-Out Knives give you extra reach to cut hardened urethane down below the dash. The round handle is easy to grip, and by adding a length of standard conduit pipe, can be extended for extra length. Three blades are stored in each handle. Both knives use CRL 1991, 1992, and 1993 Series Utility Knife Blades (see page AU015).

CAT. NO.	DESCRIPTION
PK19	Standard 13" (330 mm) Pipe Handle Knife
PK19XL	Xtra Long 18" (457 mm) Pipe Handle Knife
PK19PS	Old Style Blade Plate Replacement
PK19NS	New Style Blade Plate Replacement

Minimum order: 1 each.

CRL Sur-Grip 18" Long Knife

- Foam Grip for Comfort
- Painted Steel Shaft



The Sur-Grip 18" (457 mm) Long Knife offers you comfort with control. The 18" (457 mm) length is perfect to reach those below-the-dash urethane beads for easy cut-outs. The soft urethane foam grip provides a positive grasp of the tool. The Sur-Grip features powder-coated, baked-on black crinkle painted steel shaft attached to painted steel tubing with foam grip. **NOTE:** Roll pin must be removed to use the Angled Blades shown below. Minimum order is one each.

CAT. NO. HT531

CRL 24" Long Knife

MORE CHOICES crlaurence.com

- Extra Long Reach
- Fast Blade Change
- Black Crinkle Painted Aluminum Shaft



The 24" (610 mm) Long Knife is long enough to get to those below-the-dash urethane beads that ordinary cut-out knives can't reach. The HT532 features rigid 1" (25.4 mm) flat stock aluminum construction. It's finished with a powder-coated, baked-on black crinkle paint that provides a better gripping surface than unfinished aluminum. Can be used with Angled Blades shown below. Minimum order is one each.

CAT. NO. HT532

CRL Angled Blades for All Long Knives on This Page

Angled Straight Edge Blade

- Longest Reach
- Quick Set-Up



Angled Long Knife Straight Edge Blade provides you with 4-1/2" (114 mm) of reach and cutting ability for any of your long knives. Quickly bolts to existing blade mounting locations. Minimum order is one each. Can be combined with other Cut-Out Blades for quantity pricing.

CAT. NO. RKB471

Angled Serrated Edge Blade

- Faster Cutting Serrated Edge



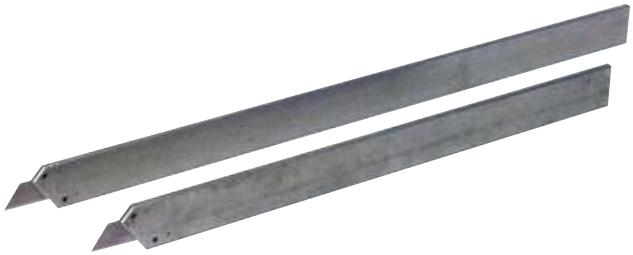
For the ultimate in fast cutting, use our Angled Serrated Edge Blade. The serrations quickly cut through the toughest urethane. 4-1/2" (114 mm) long blade quickly bolts to existing blade mounting locations. Minimum order is one each. Can be combined with other Cut-Out Blades for quantity pricing.

CAT. NO. RKB472

CRL Rigid Aluminum Long Knives

MORE CHOICES crlaurence.com

- Heavy-Duty Aluminum Shafts
- Excellent for Below-the-Dash Cut-Outs



These Rigid Aluminum Long Knives use our 1992C and 1993X10 Heavy-Duty Utility Knife Blades (see page AU015) to cut through hardened urethane with ease. The long, thin shape of the Knife works well for below-the-dash cut-outs. Order Cat. No. UKSCREW for Replacement Blade Screw.

CAT. NO.	DESCRIPTION
UK18	18" (457 mm) Long Knife
UK24	24" (610 mm) Long Knife

Minimum order: 1 each. Can be combined with other Rigid Cut-Out Knives for quantity pricing.

CRL Super-Grip Aluminum Long Knife

- Finger-Grip Handle for a Sure Grip
- Works Well in Tight Spaces



The 9" (228 mm) Super-Grip Aluminum Long Knife has finger grooves for a sure grip. It uses our 1992C and 1993X10 Heavy-Duty Utility Knife Blades (see page AU015) to cut through hardened urethane, and works especially well in tight spaces between the dash and the glass.

CAT. NO.	DESCRIPTION
UK9	9" (228 mm) Super Grip Knife

Minimum order: 1 each. Can be combined with other Rigid Cut-Out Knives for quantity pricing.

CRL Flexible Long Knife



- Flexes to Glass Curvature
- Rubber Grip

The Flexible Long Knife has a 14" (355 mm) flexible metal shaft that provides especially long leverage for cutting out difficult urethane set windshields. This Knife uses our 1992C Heavy-Duty Utility Knife Blades or 1993X10 Extra-Long Utility Knife Blades (see page AU015). Minimum order is one each. Can be combined with other Cold Cut-Out Knives for quantity pricing.

CAT. NO. CRL1119

CRL Adjustable Length Long Knife



- Adjustable Length From 18" to 24" (457 to 610 mm)

The Adjustable Length Long Knife allows for quick adjustment from 18" to 24" (457 to 610 mm) with just a twist of the handle. This Knife uses our 1992C Heavy-Duty Utility Knife Blades or 1993X10 Extra-Long Utility Knife Blades (see page AU015). Minimum order is one each.

CAT. NO. 2000226

CRL Banana Knives

- Hardwood Handle
- Curved Sharp Cutting Edges



CAT. NO. BK125
Standard Banana Knife



CAT. NO. BK150
Scalloped Edge Banana Knife

Banana Knives are handy tools for cutting out the hard-to-reach urethane below the dash. Made of quality tool steel with a curved, sharp cutting area. The hardwood handles are formed for comfort while providing a secure grip. **NOTE:** Not Available in Australia.

CAT. NO.	OVERALL LENGTH	DESCRIPTION
BK125	9-1/2" (241 mm)	Standard Banana Knife
BK150	13-1/2" (343 mm)	Scalloped Edge Banana Knife

Minimum order: 1 each. Can be combined with other Auto Glass Tools for quantity pricing.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Standard Duty Utility Knife Blades



- Fit All Utility and Long Knives

Standard Utility Knife Blades fit all standard, heavy-duty, and retractable blade utility knives and long knives.

CAT. NO.	DESCRIPTION
1991C	Standard Blades - Pack of 100

Minimum order: 1 pack. Can be combined with other Bulk Knife Blades for quantity pricing.

CRL Heavy-Duty Utility Knife Blades



- Our Best-Selling Utility Blades

Heavy-Duty Utility Knife Blades fit all standard, heavy-duty, and retractable blade utility knives and long knives.

CAT. NO.	DESCRIPTION
1992C*	Heavy-Duty Blades - Pack of 100
1992X10▲	Heavy-Duty Blades - Pack of 10

Minimum order: 1 pack. *Can be combined with other Bulk Knife Blades for quantity pricing. ▲Can be combined with other Knife Blade Packs for quantity pricing.

CRL Extra Long Utility Knife Blades

- Greater Reach
- Extra Sharp

MORE CHOICES crlaurence.com



Extra Long Heavy-Duty Utility Knife Blades fit all urethane knives. They have an exposed cutting edge of 2-1/4" (57 mm), more than double the cutting edge of standard utility knife blades.

CAT. NO.	DESCRIPTION
1993X10	Extra Long Blades - Pack of 10

Minimum order: 1 pack. Can be combined with other Knife Blade Packs for quantity pricing.

CRL Hook End Utility Blades

- Fit All Standard Utility Knives



When removing encapsulated windshields, this blade is perfect for cutting away the encapsulation. Hook-End Utility Blades fit all standard utility knives.

CAT. NO.	DESCRIPTION
1996C*	Hook End Blades - Pack of 100
1996X10▲	Hook End Blades - Pack of 10

Minimum order: 1 pack. *Can be combined with other Bulk Knife Blades for quantity pricing. ▲Can be combined with other Knife Blade Packs for quantity pricing.

Olfa is a registered trademark of Olfa Corporation.

CRL Olfa® Long Reach Retractable Blade Knife





Solid Blade Breakaway Blade

- Stainless Steel Housing With Rubber Grip
- Breakaway or Solid Blades

The Olfa® Heavy-Duty Long Reach Retractable Knife was designed with hard-to-reach places in mind. Reaching along the bottom of windshields will no longer be a problem with our XL2 Long Reach Knife. It has a locking thumbscrew, a stainless steel housing, and a rubber grip that provides safety and extra comfort when using this knife. Both Solid and Breakaway Blades have width of 11/16" (18 mm).

CAT. NO.	DESCRIPTION
XL2*	Olfa® Long Reach Knife
LS0L▲	Solid Blades - Pack of 10
LB10B▲	Breakaway Blades - Pack of 10
LB50B▲	Breakaway Blades - Pack of 50

Minimum order for Knife is one each; for Blades is one pack. *Can be combined with other Utility Knives for quantity pricing. ▲Can be combined with other Knife Blade Packs for quantity pricing.

CRL Extra Long Serrated Blades

- Faster Cutting
- Longer Length



Extra Long Serrated Blades measure a full 4-3/16" (106 mm) long. One of the longest blades available and, with its serrated edge, one of the fastest cutting.

CAT. NO.	DESCRIPTION
SB418	Serrated Blades - Pack of 10

Minimum order: 1 pack. Can be combined with other Knife Blade Packs for quantity pricing.

CRL Multi-Knife Scraper Blade and Handle

CAT. NO. RSB75
Tempered Steel Blade



CAT. NO. 1MKH
Blade Shown in 1MKH Handle
(Each Sold Separately)



- Blade Fits Multi-Knife Handle and Most Standard Cold Knife Handles

The CRL Multi-Knife Scraper Blade, when used with the CRL 1MKH Multi-Knife Handle, offers you control and safety. Made of tempered steel to maintain its cutting edge. Blade measures 3/4" x 4-3/4" (19 x 120 mm). Minimum order is one each.

CRL Automotive Tools and Supplies

- Brand Names
- Professional Standards
- Ever Improving Quality
- The Industry's Largest Distribution Network

MORE INFORMATION crlaurence.com






CRL maintains the industry's largest supply of tools, equipment and supplies for the automotive glass replacement market. Everything you need to successfully operate a shop and provide quality service to your customers by using the most professional tools available.

Our commitment to providing these products is evident in the quality and thoroughness of our product lines. CRL stocks the major brand name tools you will recognize as the finest available, known for their durability and value.

CRL is constantly searching for new and improved automotive tools. We encourage inventors to present their new tool ideas for incorporation into the CRL family of tools. CRL has an attractive royalty program for ideas that become reality.

CRL Standard Cold Knife

- Our Best Selling Removal Tool
- Uses All CRL Cold Knife Blades



CAT. NO. RK160

The Standard Cold Knife comes complete with one strong tempered steel Cat. No. RKB141 Standard Blade sharpened to a fine cutting edge. Large durable aluminum handle, combined with a steel cable pull handle assures the easiest and fastest way of cutting the adhesive around the windshield. Minimum order is one each. Can be combined with other Cold Cut-Out Knives for quantity pricing.

CRL Foam Grip Push Button Cold Knife

- Push Button Blade Change
- Uses All 3/4" Shank CRL Cold Knife Blades



CAT. NO. RK500

Our Foam Grip Push Button Cold Knife has a convenient one step push button blade release system. The blue textured foam grip adds handling stability, gripping action, and user comfort. Comes with one Cat. No. RKB10 Stainless Steel Cutting Blade. Minimum order is one each. Can be combined with other Cold Cut-Out Knives for quantity pricing.

CRL Standard Cold Knife Blades

- One of Our Best Sellers
- Fits All 1/2" Shank Handles



These Standard Cold Knife Blades are made of tempered steel for extra strength. The 7/8" (22.2 mm) length is our biggest seller. Please note these blades have 1/2" wide shanks.

CAT. NO.	BLADE LENGTH (L)
RKB141	7/8" (22.2 mm)
RKB146	3/8" (9.5 mm)

Minimum order: 1 each. **NOTE:** All CRL Cold Knife Blades fit the handles shown on this page. Can be combined with other Cut-Out Blades for quantity pricing.

CRL Stainless Steel Cold Knife Blades

- Super Strong
- Use With All Handles



Our Stainless Steel Blades are super strong for extended use life. They fit standard cold knives, and have tips that can be re-sharpened. Three different tip lengths cover a variety of cut-out applications.

CAT. NO.	BLADE LENGTH (L)
RKB75	3/4" (19.1 mm)
RKB10	1" (25.4 mm)
RKB15	1-1/2" (38.1 mm)

Minimum order: 1 each. Can be combined with other Cut-Out Blades for quantity pricing.

CRL Long Shank Stainless Steel Cold Knife Blades

- Gives Additional Clearance
- Use With All Handles



These Long Shank Stainless Steel Blades provide good distance from the body during the cut-out. The two tip lengths give you the versatility to change to a longer length to cut wider beads of urethane along the bottom of the glass.

CAT. NO.	BLADE LENGTH (L)
RKB410	1" (25.4 mm)
RKB415	1-1/2" (38.1 mm)

Minimum order: 1 each. Can be combined with other Cut-Out Blades for quantity pricing.

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CRL AUTO GLASS CUT-OUT TOOLS

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crlaurence.com/**cut-out-tools**

CRL UltraWiz® Cold Knife

- **Ergonomic Contoured Handle With Cable Pull for Extra Power**



CAT. NO. AN3001K

All UltraWiz® Cold Knife Handles are shaped for comfort and gripping power, and have a single set screw that allows for quick blade changes. This Knife comes with one Cat. No. AN1001 Standard Blade. Minimum order is one each. Can be combined with other Cold Cut-Out Knives for quantity pricing.

CRL UltraWiz® UltraOne Cold Knife

- **Single Set Screw Quick Blade Change**



CAT. NO. AN3005K

The UltraWiz® UltraOne Cold Knife features scratch resistant comfortable foam grips. The single screw allows for easy adjustment to the blade length for all applications. This Knife comes with one Cat. No. AN1001 Standard Blade. Minimum order is one each. Can be combined with other Cold Cut-Out Knives for quantity pricing.

CRL UltraWiz® Lever Action Cold Knife

- **Flip Lever to Adjust Blade Length**



CAT. NO. AN3007K

With a flip of the lever the UltraWiz® Lever Action Cold Knife blade can be adjusted in or out for better clearance on the body during the cut-out, or use the lever for quick blade changes. Knife comes with one Cat. No. AN1001 Standard Blade. Minimum order is one each. Can be combined with other Cold Cut-Out Knives for quantity pricing.

CRL UltraWiz® Short and Long Cold Knives

- **Contoured Extruded Handle**



These UltraWiz® Short and Long Cold Knife Handles provide the extra reach and power required to cut urethane. Both handles feature a single set screw for quick blade changes. Comes with one Cat. No. AN1002 Cut-Out Blade.

CAT. NO.	DESCRIPTION
AN2001M	4-3/4" (120.7 mm) Short Handle
AN2002M	8-3/4" (222.3 mm) Long Handle

Minimum order: 1 each. Can be combined with other Cold Cut-Out Knives for quantity pricing.

CRL UltraWiz® Cold Knife Blades

- **Ultra Fast for Quick Glass Removal**





UltraWiz® Cold Knife Blades are recognized as the industry standard for fast cutting. Fit all Standard Cold Knife Handles.

CAT. NO.	BLADE LENGTH (L)
AN1001	3/4" (19.1 mm)
AN1002	1" (25.4 mm)
AN1003	1-1/4" (31.8 mm)
AN1004	1-1/2" (38.1 mm)

Minimum order: 1 each. Can be combined with other Cut-Out Blades for quantity pricing.

CRL UltraWiz® UltraThin Cold Knife Blades

- **Ultra Thin for Easy Cutting Action**





UltraWiz® UltraThin Blades have a double taper sharpened edge to further the quick cutting action.

CAT. NO.	BLADE LENGTH (L)
AN5001	3/4" (19.1 mm)
AN5002	1" (25.4 mm)
AN5003	1-1/4" (31.8 mm)
AN5004	1-1/2" (38.1 mm)

Minimum order: 1 each. Can be combined with other Cut-Out Blades for quantity pricing.

CRL UltraWiz® Stainless Steel Cold Knife Blades

- **Super Strong**



UltraWiz® Stainless Steel Cold Knife Blades provide a longer lasting cutting edge than standard high carbon steel blades so they typically last longer.

CAT. NO.	BLADE LENGTH (L)
AN7001	3/4" (19.1 mm)
AN7002	1" (25.4 mm)
AN7004	1-1/2" (38.1 mm)

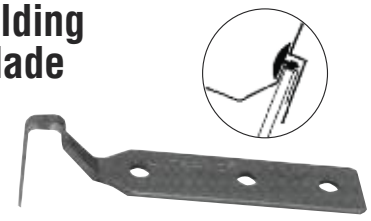
Minimum order: 1 each. Can be combined with other Cut-Out Blades for quantity pricing.

NOTE: All Cold Knives and Cold Knife Blades shown on this page are interchangeable.

UltraWiz is a registered trademark of AN Designs, Inc.

CRL UltraWiz® Molding and Windshield Blade

- **Removes Both Molding and Glass**
- **Use With All 3/4" Shank Handles**



CAT. NO. AN1022M

The UltraWiz® Molding and Windshield Removal Blade cuts under the molding and the glass edge, saving the molding for reinstallation, and removing the windshield at the same time. Minimum order is one each. Can be combined with other Cut-Out Blades for quantity pricing.

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CRL POWR-Cat Oscillating Pneumatic Knife

- **Hex Blade Mounting Collar Holds All Oscillating Cut-Out Blades**



The POWR-Cat Oscillating Pneumatic Cut-Out Knife features a large, industrial-grade air motor which delivers 20,000 oscillations per minute. Blades must be ordered separately (see below and next page). Use of Time Saver Blades (below) over 5-1/2" (139.7 mm) are not recommended. Operates at 90 psi and requires 4 cfm of air. Minimum order is one each. Can be combined with other Wildcat Tools for quantity pricing.

CAT. NO. AK60T00L

CRL Wildcat Pneumatic Knife

- **Uses All Oscillating Cut-Out Blades**



The Wildcat Pneumatic Air Knife is a lightweight variable speed air tool that delivers up to 20,000 oscillations per minute. An air supply or compressor with a 20 gallon tank that delivers 6.3 cubic feet per minute and 90 pounds per square inch is required for optimum performance. Blades must be ordered separately (see below and next page). Minimum order is one each. Can be combined with other Wildcat Tools for quantity pricing.

CAT. NO. AK20T00L

CRL FEIN® Pneumatic Cut-Out Tool

- **Uses All Oscillating Blades With Six or Twelve Sided Mounts**



The FEIN® Pneumatic Cut-Out Tool is compact, only weighing two pounds. No blades come with the FK6625, which accepts all oscillating cut-out blades with six and twelve sided mounts. Requires 90 psi with 3 cfm air consumption. Minimum order is one each.

CAT. NO. FK6625

CRL Oscillating Knife Blades

- **A Favorite With Truck Slider Installers**
- **Fit All Six and Twelve Sided Blade Mounts**



CAT. NO. RD115



CAT. NO. AKB300



CAT. NO. AKB200

CRL has developed these special Oscillating Blades just for specific applications. The RD115 is the perfect blade to trim down the urethane bead after the glass has been removed. CRL's AKB300 Blade was made to speed the removal of the rear glass on Dodge Ram Trucks. The AKB200 Blade is used on most other trucks with encapsulated rear glass.

CAT. NO.	DESCRIPTION
RD115	7/8" (22.1 mm) Scraper Blade
AKB300	1" (25.4 mm) Straight Blade for Dodge Ram
AKB200	1" (25.4 mm) Straight Standard Blade

Minimum order: 1 each. Can be combined with other Cut-Out Blades for quantity pricing.

CRL Oscillating "L" Blades

- **Fit All Six and Twelve Sided Blade Mounts**
- **Fast Cutting Action**



CAT. NO. V51847



CAT. NO. V51848



CAT. NO. V51849

Oscillating Cold Knife Blades for Wildcat and other oscillating cut-out knives have double-machined edges to produce the thinnest and sharpest blades available. A special tempering process gives them more flexibility and reduces blade breakage. These Oscillating "L" Blades are designed to fit Wildcat, POWR-Cat, Fein, and other knives using six or twelve sided blade mounts.

CAT. NO.	BLADE LENGTH
V51847	3/4" (19.1 mm)
V51848	1" (25.4 mm)
V51849	1-1/2" (38.1 mm)

Minimum order: 1 each. Can be combined with other Cut-Out Blades for quantity pricing.

CRL Time Saver™ Blades

- **Fit All Six and Twelve Sided Blade Mounts**
- **Tempered Steel**

Time Saver™ Blades give you the extra reach you need to cut out those difficult windshields with long cowls from inside the car.
NOTE: Because of the length of the blades the TSB85 and TSB65 should only be used with the FK6625 Fein Pneumatic Cut-Out Tool. Go to **crlaurence.com/cut-out-tools** for more details.

MORE CHOICES crlaurence.com



CAT. NO. TSB55



CAT. NO. TSB35



CAT. NO. TSB65



CAT. NO. TSB85

CAT. NO.	OVERALL BLADE LENGTH
TSB35	5" (127 mm)
TSB55	5-1/2" (139.7 mm)
TSB65	6-5/8" (168.3 mm)
TSB85	8-5/8" (219.1 mm)

Minimum order: 1 each. Can be combined with other Cut-Out Blades for quantity pricing.

FEIN is a registered trademark of C. & E. Fein Gmbtt LLC.

CRL Straight Oscillating Cut-Out Blades

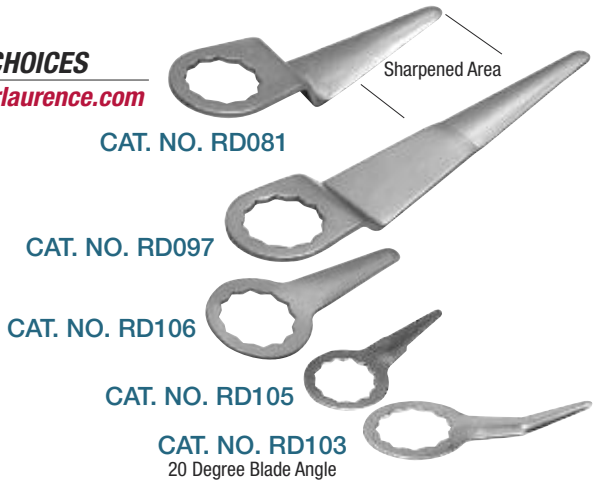
- Fit All Six and Twelve Sided Blade Mounts
- For Interior and A-Pillar Use

MORE CHOICES crlaurence.com

Straight Oscillating Cut-Out Blades have double-machined edges to produce the thinnest and sharpest blades available. Straight Blades are used primarily from the interior up the A-pillar and across the top of the windshield. **NOTE:** Never use the pinchweld as a stop for the blade penetration. Mark your blade at 1/2" and 3/4" (12.7 and 19.1 mm) so you know the depth of your blade. This reduces the chance of scratching the paint and creating rust.

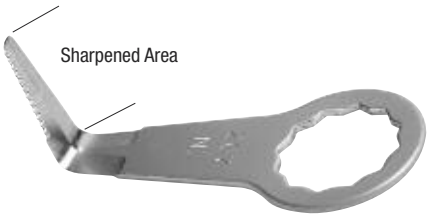
CAT. NO.	OVERALL LENGTH	SHARPENED AREA
RD081	3-3/4" (95 mm)	2" (50.8 mm)
RD097	5" (127 mm)	2" (50.8 mm)
RD106	2-5/8" (67 mm)	1-3/8" (34.9 mm)
RD105	2-5/8" (67 mm)	1" (25.4 mm)
RD103	2-5/8" (67 mm)	7/8" (22.2 mm)

Minimum order: 1 each. Can be combined with other Cut-Out Blades for quantity pricing.



CRL FEIN® Serrated Gator "L" Blades

- Fit All Six and Twelve Sided Blade Mounts



Use these FEIN® Gator "L" Blades for exterior cutting along the A-Pillar and roof area, or on the interior A-Pillar. Serrated leading edge performs the cut faster and smoother than other oscillating blades. Sold only in packs of two blades.

CAT. NO.	SHARPENED AREA
FKB208	3/4" (19.1 mm)
FKB207	1" (25.4 mm)
FKB209	1-1/2" (38.1 mm)

Minimum order: 1 pack. Can be combined with other Cut-Out Blades for quantity pricing.



Close-Up of Gator Blade

CRL FEIN® Straight Blades

- Fit All Six and Twelve Sided Blade Mounts



FEIN® Straight Blades work well from the inside of the vehicle. If the sides of the exterior of the A-pillar urethane bead are exposed these blades make short work of cutting along this area. Both the FKB100 and the FKB099 have depth control stops built into the blade to minimize paint damage during the removal.

CAT. NO.	SHARPENED AREA/DESCRIPTION
FKB081	2-3/8" (60.3 mm) Straight Blade
FKB099	5/8" (15.9 mm) Straight Blade with Guide Wheel
FKB100	5/8" (15.9 mm) to 1-1/2" (38 mm) Adjustable Blade
2011222	2-1/2" (63.5 mm) Straight Blade - 2/pk
2011295	2-3/4" (69.9 mm) Straight with Curved Blade - 2/pk

Minimum order: 1 each. Can be combined with other Cut-Out Blades for quantity pricing.

CRL FEIN® Hook Blades

- Fit All Six and Twelve Sided Blade Mounts



CRL FEIN® Hook Blades are used along the bottom of the windshield from the exterior, and work best when using the FEIN® Knife with a pull handle. **NOTE:** Care should be taken to prevent damage to the dash or moldings when using these blades because the cutting action is on the opposite side of the glass from the operator.

CAT. NO.	SHARPENED AREA/DESCRIPTION
FKB118	3/4" (19.1 mm) Hook Blade
FKB147	1-1/4" (31.8 mm) Hook Blade
FKB107	2-3/8" (60.3 mm) Hook Blade
FKB111	3-3/4" (95.3 mm) Hook Blade

Minimum order: 1 each. Can be combined with other Cut-Out Blades for quantity pricing.

FEIN is a registered trademark of C. & E. Fein GmbH LLC.

CRL FEIN® Circular Saw Blade

- Perfect for Cutting Braces for Sunroof Installations
- Trims Bendover Tabs From Encapsulated Truck Sliders



CAT. NO. FKB103

If you install sunroofs, truck sliders, or van windows, you really want this blade. The FEIN® Circular Saw Blade makes cutting braces a breeze. The blade does not spin but oscillates so if you touch it to your skin it won't cut you, but touch it to steel and it sinks in, cutting easily and quickly with full control. Use it to plunge cut the metal bendover tabs in factory sliders prior to cutting through the urethane. Blade diameter is 3-1/8" (79.4 mm). Minimum order is one each. Can be combined with other Cut-Out Blades for quantity pricing.

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FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Equalizer® Ninja Air-Powered Oscillating Cold Knife Kit

MORE CHOICES crlaurence.com

- **The Look and Feel of a Cold Knife, but it Cuts With the Power of 22,000 Cutting Strokes Per Minute**

The Equalizer® Ninja is an auto glass removal tool that allows you to remove glass fast and effortlessly.

A unique feature is Ninja's ability to cut under hoods, trunk lids or anything that hangs over the glass and obstructs your ability to cut. You simply move the blade around so it sits at a 90 degree angle. 90 psi and 3.5 cfm is required. Minimum order is one each.



CAT. NO. ENK148

The Equalizer® Ninja Deluxe Kit consists of the Ninja with one blade in the tool, hex wrench, and two each 3/4", 1" and 1-1/2" (19.1, 25.4, and 38.1 mm) blades, all packaged in a foam-lined, plastic carrying case.



CAT. NO. ENJ147
Ninja Knife with 1" Blade



CAT. NO. ENT840 — 3/4" Blade
CAT. NO. EN0841 — 1" Blade
CAT. NO. ENL842 — 1-1/2" Blade

CAT. NO.	DESCRIPTION
ENJ147	Ninja Knife, One EN0841 1" Blade, Cable Pull Handle
ENK148	Ninja Deluxe Kit with Blades and Case
ENT840	3/4" (19.1 mm) Ninja Blade
EN0841	1" (25.4 mm) Ninja Blade
ENL842	1-1/2" (38.1 mm) Ninja Blade

Minimum order: 1 each. **NOTE:** Ninja Blades will only fit the Ninja Knife. They will not fit other tools.

CRL Equalizer® Excalibur Reciprocating Knife Kit

- **Fast Cutting Reciprocal Action**
- **Uses All Equalizer® Blades and Sheaths**
- **Speeds of Up to 3,200 Strokes Per Minute**

MORE INFORMATION crlaurence.com

The Equalizer® Excalibur is a lightweight, air-powered version of the electric-powered CRL Equalizer®. The .020 inch (.5 mm) thick blade reciprocates inside a metal sheath, which protects the dash, garnish moldings, and headliner.

The EX80D Deluxe Kit contains the following: an Excalibur Air Tool, two 4" (101.6 mm) Blades, two 8" (203.2 mm) Blades, two 12" (304.8 mm) Blades, one 4" (101.6 mm) Stainless Steel Sheath, one 8" (203.2 mm) Stainless Steel Sheath, one 12" (304.8 mm) Stainless Steel Sheath, one pair of Safety Glasses, all packed in a metal Carrying Case. The EX40S Standard Kit ships with the Excalibur Air Tool, one 8" (203.2 mm) Blade and one 8" (203.2 mm) Stainless Steel Sheath. Operates on 90 psi with 6 cfm air consumption. For more blade choices go to **crlaurence.com/cut-out-tools.**



CAT. NO.	DESCRIPTION
EX40S	Equalizer® Excalibur Standard Kit
EX80D	Equalizer® Excalibur Deluxe Kit

Minimum order: 1 each.

CRL Extractor® Pro Series Tool Kit

- **Cuts Through the Toughest Urethane Adhesives**

The Extractor® Pro Series makes difficult urethane cut-outs simple, safe, and cost effective. Working either inside or outside the vehicle, removal time will be reduced dramatically with virtually no glass breakage. Used in conjunction with the heavy-duty air tool supplied with each kit, the hardened 4" (101.6 mm) wide steel blade of the Extractor® will easily cut the bottom bead on the most difficult urethane installations.

The EXT100L Kit contains an Extractor® Pneumatic Air Tool and EXTLS Long Shaft, a Cat. No. EXTBL Standard Extractor® Blade, a Cat. No. EXTBLLG Extra Long Extractor® Blade, Quick Release Coupler, Training DVD, and complete instructions. Optional blades and an instructional DVD are also available. 90 psi and 3.5 cfm is required. **NOTE:** Blades can only be used with CRL Extractor® Pro.



CAT. NO. EXT100L
Pro Kit

CAT. NO.	DESCRIPTION
EXT100L	Extractor® Pro Kit with Long Shaft
EXTBL	Standard 4" (101.6 mm) Blade
EXTBLLG	Extra Long 4" (101.6 mm) Blade
EXTBLN	Narrow 1-1/2" (38.1 mm) Blade
EXTLS	Long Shaft
EXTSS	Short Shaft
EXTAPE	Extractor® Pro Instructional DVD

Minimum order: 1 each.

Equalizer is a registered trademark of Equalizer Industries, Inc.
Extractor is a registered trademark of Crystal Glass Canada, Ltd.

CRL BTB Classic Auto Glass Cut-Out Tool Kit

MORE INFORMATION crlaurence.com

- Removes Any Glass Part Without Breakage
- Saves Moldings
- Blades for Cut-Out Tool Can Also Be Used Manually

This BTB Classic Auto Glass Cut-Out Tool Kit offers today's auto glass technician all of the tools required for any domestic or import glass removal. With the BTB System the technician can use a variety of blades, either with the power tool or manually, using the handles provided with each kit. The power tool is small and compact, so you can use it in either hand. The air-powered tool provides a strong inline reciprocal stroke, enabling the blade to cut the urethane in hard-to-reach areas. The cut-out depth of the blades is regulated by the use of the depth controller arms provided with each kit.

Each BTB Classic Kit contains one each: Heavy-Duty Air Tool, Serrated Long Universal Flat Blade, General Purpose Bent Blade, Serrated Offset Blade for curved glass, Serrated Reverse Offset Blade for curved and encapsulated glass, Left and Right-Handed Power Cold Knife Blades, Pinchweld Scraper Blade, Manual Handle for BTB Blades, Sharpening Stone, Water Spray Bottle, Allen Wrench, Chuck Key, set of Spacer Tabs, and three Controller Arms, all packed in a Molded Carrying Case. Minimum order is one each.



Air Pressure: 90 psi (6.2 BAR) Maximum,
Air Consumption: 6.6 cfm

CAT. NO. BTBCL

CRL BTB Heavy-Duty Air Tool

Whether you already have a BTB Kit and need a back up tool, or you want to build your kit by purchasing the blades individually, starting with the BTB Heavy-Duty Air Tool is the first step. See specifications above. Minimum order is one each.

Blade and
Controller Arm
Not Included



CAT. NO. BTB10HD

CRL BTB Long Blades



CAT. NO. BTB1



CAT. NO. BTB1SC

- Standard or Serrated Edges
- Tough Spring Steel

BTB Long Blades are used to cut urethane deep below the dash line. Unique to the BTB Tool is that you can perform the removal from the exterior of the vehicle and still reach to the bottom center of most windshields.

CAT. NO.	DESCRIPTION
BTB1	11-7/8" (301.6 mm) Standard Long Blade
BTB1SC	11-7/8" (301.6 mm) Serrated Long Blade

Minimum order: 1 each.

CRL BTB Universal Blades



CAT. NO. BTB2



CAT. NO. BTB2SC

- Standard or Serrated Edges
- Tough Spring Steel

BTB Universal Blades provide additional benefits over the longer blade as they flex and contour to the curved glass parts with ease. Great to use in the corners, to relieve pressure on the glass when performing a removal while trying to save the part.

CAT. NO.	DESCRIPTION
BTB2	9-7/16" (239.7 mm) Standard Universal Blade
BTB2SC	9-7/16" (239.7 mm) Serrated Universal Blade

Minimum order: 1 each.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL FEIN® Cut-Out Knives

MORE INFORMATION crlaurence.com

- 28% More Power Than Previous Models
- Adjustable Speed Control
- Use All Blades With Six and Twelve Sided Mounts
- 110 Volt AC



CAT. NO. FK06
Standard Kit

The FEIN® FK06 Standard Kit Contains:
One FEIN® Cut-Out Tool, one each FKB207, FKB208, and FKB209 Gator "L" Blades, one Spanner Wrench, one Sharpening Stone, and a Molded Carrying Case.

See page AU019 for FEIN® Blades



CAT. NO. FK6385
Deluxe Kit

The FEIN® FK6385 Deluxe Kit Contains:
One FEIN® Cut-Out Tool, one each FKB118, FKB147, FKB081, FKB107, FKB111, FKB146, and FKB207 FEIN® Blades, one Spanner Wrench, one Sharpening Stone, Allen Key, and a Molded Carrying Case.

This FEIN® Knife has 28% more power than previous models, enabling it to easily cut through the toughest materials. It's also slimmer for better clearance, and has an improved speed control that adjusts (7,000 to 23,000 oscillations per minute) to stay constant under light or heavy loads. All mechanical wear parts operate in an oil bath, and the tool is vented to run cooler and last longer. This knife uses blades that have six or twelve sided mounts, so you can adjust the blade angle as required for each specific vehicle. All this makes the FEIN® Knife the time and labor-saving way to remove auto glass on today's vehicles. Minimum order is one each.

CRL PB12300 Mobile Power Inverter

- Provides 115 Volts AC Power From 12 Volt DC Source
- Excellent for Field Use of Power Tools

The PB12300 Mobile Power Inverter will provide 2300 watts of continuous power, with a peak surge of 4600 watts. Use the two AC receptacles to power cut-out tools, a vacuum cleaner, or other power tools used by mobile glass operations. The compact design allows this unit to be mounted under the seat for security. A digital LED display shows input DC voltage or output wattage. The anodized aluminum case provides durability and maximum heat dissipation, and has a built-in cooling fan.

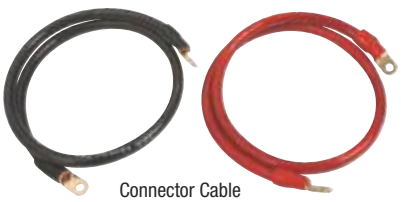
CALCULATE WATTAGE REQUIREMENT:
To calculate the Wattage required, multiply the AMPs by the Volts of the tool you want to use with the Inverter.
Example: 4 AMP tool running on 120 Volts AC
(4 x 120) = 480 Watts

Continuous Output: 2300 Watts
Peak Load Rating: 4600 Watts
Output Voltage: 117V AC +/- 10%
Output Frequency: 60Hz +/- 3Hz
Dimensions: 13-15/16" by 10-5/16" by 3-1/8" (354 x 261.9 x 79.4 mm)
Weight: 12 lbs. (5.3 kg)



CAT. NO. PB12300

NOTE: One Connector Cable Set is required for proper connection of Inverter to vehicle. Cable Set must be long enough to connect Inverter to vehicle battery. Be sure to order adequate length.



Connector Cable

CAT. NO.	DESCRIPTION
PB12300	2300 Watt Power Inverter
2AWG6	Connector Cable Set-6 Ft (1.8 m)
2AWG12	Connector Cable Set-12 Ft (3.6 m)

Minimum order: 1 each.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Equalizer® Express 360 Auto Glass Removal Kit

NEW!

- 120 Volt, Powerful 2-1/2 HP Motor
- Unique 360 Degree Rotating Head

Kit includes: one Express 360 Tool, one BFE1400 Blade, one instructional DVD, one pair of Safety Glasses, all packed in a molded Carrying Case. Minimum order is one each.

MORE INFORMATION
crlaurence.com



CAT. NO. SR1418360
Complete Kit

CAT. NO. BFE1400
Replacement 3" Blade
10" (254 mm) Long

CRL Equalizer® AMBUSH™ Cordless Express Tool

NEW!

- 20 Volt Battery and Charger



CAT. NO. ATV2012

Each Kit comes with a 20-Volt battery, a battery charger, one BFE1400 Blade, one instructional DVD, one pair of safety glasses, and handy carrying case. Minimum order is one each.

CRL Equalizer® Freedom Kit

- Can Remove Three to Five Windshields on One Battery Charge

The Equalizer® Freedom Cut-Out Kit uses the latest in battery and motor technology, giving it extreme power for those tough cut-out jobs. The battery lasts 40% longer than standard batteries, never develops a "memory", and can be charged up to 1200 times.



CAT. NO. EQF18



CAT. NO. DW9096
Replacement 18V Battery Cartridge



CAT. NO. DC9310
Replacement 115V AC Charger

CAT. NO. DC9319
Replacement 12V DC Charger

THE EQUALIZER® FREEDOM KIT CONTAINS:
One EQF18 Equalizer Freedom Tool, one EQ4SS 4" (101.6 mm) Stainless Steel Sheath, one EQ8SS 8" (203.2 mm) Stainless Steel Sheath, one EQ12SS 12" (304.8 mm) Stainless Steel Sheath, two EQ4LB 4" (101.6 mm) Blades, two EQ8LB 8" (203.2 mm) Blades, two EQ12LB 12" (304.8 mm) Blades, one Pair of Safety Glasses, one DW9096 DeWalt® Nickel Cadmium Battery, one DC9310 115V AC one hour DeWalt® Battery Charger, all in a foam lined molded carrying case.
NOTE: Blades and Sheaths are interchangeable with all other Equalizer® tools.

CAT. NO.	DESCRIPTION
EQF18	Freedom Cordless Cut-Out Tool Kit
DW9096	DeWalt® 18 Volt Battery Cartridge
DC9310	DeWalt® 7.2 to 18 Volt Battery Charger (115V AC)
DC9319	DeWalt® 18 Volt Battery Charger (12V DC)

Minimum order: 1 each.

CRL Equalizer® Standard Edge Reciprocal Blades

- Fit All Equalizer® Reciprocal Tools



CAT. NO.	DESCRIPTION
EQ4LB	4" (101.6 mm) Standard Blade
EQ8LB	8" (203.2 mm) Standard Blade
EQ12LB	12" (304.8 mm) Standard Blade

Minimum order: 1 each.
Can be combined with other Cut-Out-Blades for quantity pricing.

CRL Equalizer® Serrated Edge Reciprocal Blades

- Fit All Equalizer® Reciprocal Tools



CAT. NO.	DESCRIPTION
ESB1304	4" (101.6 mm) Serrated Blade
ESB1308	8" (203.2 mm) Serrated Blade
ESB1312	12" (304.8 mm) Serrated Blade

Minimum order: 1 each.
Can be combined with other Cut-Out-Blades for quantity pricing.

CRL Equalizer® Reciprocal Blade Sheaths

- Work With All Equalizer® Blades



These Equalizer® Sheaths help protect the dash and paint from blade damage as the tips cut out the adhesive.

CAT. NO.	DESCRIPTION
EQ4SS	Sheath for 4" (101.6 mm) Blades
EQ8SS	Sheath for 8" (203.2 mm) Blades
EQ12SS	Sheath for 12" (304.8 mm) Blades

Minimum order: 1 each.
Can be combined with other Cut-Out-Blades for quantity pricing.

Equalizer is a registered trademark of Equalizer Industries, Inc.
DeWalt is a registered trademark of The Black and Decker Corporation.

TOLL FREE Phone: (800) 421-6144
Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Triple Strand Braided Cut-Out Wire

- Three Braided Strands for Strength
- Our Most Popular Cut-Out Wire





Our Stainless Steel Triple Strand Braided Cut-Out Wire is made of three super strong, stainless steel strands braided to form a .022" (.6 mm) diameter wire. 72' (21.95 m) per roll. Minimum order is one roll.

CAT. NO. TW72

CRL Windshield Wire

- Fast-Cutting Heavy-Duty Wire Used for Many Years



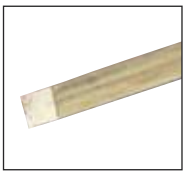


Windshield Wire is a one-pound coil of heavy-duty piano wire for removing windshields. Each roll has approximately 650' (198 m) of wire. For a good grip, try our TWH500 Tightwire Grips shown below. Minimum order is one roll.

CAT. NO. WW4

CRL Stainless Steel Square Wire

- Super High Strength Wire Cuts Through Even the Toughest Urethanes



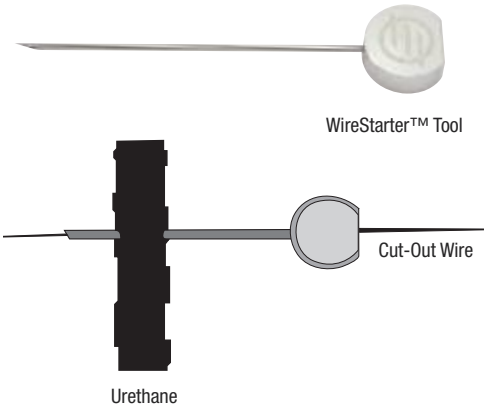


Stainless Steel Square Wire configuration cuts through even the toughest of urethanes with ease. The square edge of the wire rotates and cuts with amazing speed. Its super strength works to prevent breakage under tough loads. 72' (21.95 m) per roll. Minimum order is one roll.

CAT. NO. SSW508

CRL WireStarter™

- Hollow, Stainless Steel Tube Inserts Wire Quick and Easy



The Wirestarter™ makes the task of pushing the cut-out wire through urethane simple. Just insert the wire through the center of the tool and push. Now you're ready for the cut-out. Minimum order is one each. Can be combined with all other Auto Glass Tools for quantity pricing.

CAT. NO. WS782

CRL Tightwire Grips

- Solid Aluminum With Vinyl Grips
- Unique Wire Locking Feature

MORE CHOICES
crlaurence.com

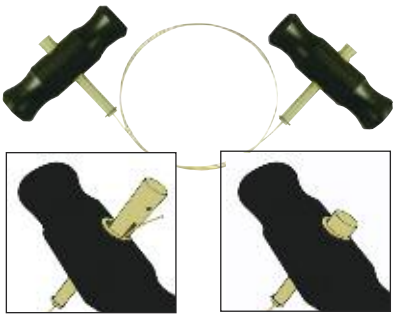


Aluminum Tightwire Grips hold on to windshield wire securely. Vinyl-coated grips allow you to tighten and loosen them quickly by hand. Wire ends are contained within the body to prevent injury. Sold only by the pair. Minimum order is one pair.
NOTE: Wire not included.

CAT. NO. TWH500

CRL Grip-Tite Handles

- Positive Control
- Ergonomic Grip



Grip-Tite Handles will give you a better grip on wire cut-out jobs. A hollowed out, wedged-shaped shaft is the secret to these unique wire grips. Grip-Tite's design keeps the wire away from your fingers at any angle. Contoured handle gives you a non-slip grip. Sold only by the pair. Minimum order is one pair. Can be combined with all other Auto Glass Tools for quantity pricing.
NOTE: Wire not included.

CAT. NO. LWH200

CRL PNEUMATIC TOOLS

go to:
crlaurence.com/**air-tools**

To help increase productivity and reduce labor costs CRL offers a complete assortment of pneumatic tools and accessories for your shop or glass trucks. Small compressors or portable air tanks prove invaluable on any jobsite. From air powered drills and cut-out tools to paint sprayers and air powered caulking guns, CRL will always continue to offer quality products to help our customers stay productive and profitable. Visit **crlaurence.com/air-tools** to view our complete line of Pneumatic Tools.

CRL 3/8" (9.5 mm) Air Drill

- **Free Speed: 1,800 RPM**
- **Chuck Capacity: 3/8" (9.5 mm)**
- **1/2 HP Motor**



This lightweight, compact sized drill is easy to handle and provides full power in both forward and reverse. Chuck capacity is 3/8" (9.5 mm). The 1/2 hp motor requires 7 cfm (3304 cm/sec) at 90 to 120 psi (6.2 to 8.3 bars), which produces a free speed of 1800 RPM. Minimum order is one each.

CAT. NO. SM725

CRL Pneumatic Tool Oil

- **Keep Your Air Tools Working Right**
- **Everything You Need Between Your Compressor and Your Air Tools**



CRL Pneumatic Tool Oil is the ideal lubricant for any automatic tool oiler. Keeping the air lubricated dramatically extends the life of your pneumatic tools. Sold in a 16 fl. oz. (472 ml) plastic bottle. Minimum order is one each.

CAT. NO. AK01L

CRL Coiled Air Hoses

- **Nylon Hose Available in Two Lengths**
- **Heavy-Duty Rigid Brass Fittings**



CRL Coiled Nylon Air Hoses have standard 1/4" (6.4 mm) male NPT fittings on each end. Each hose has spring guards for additional strain relief.

CAT. NO.	LENGTH
SA225	25' (7.6 m)
SA250	50' (15.2 m)

Minimum order: 1 each.

CRL Air Filter, Regulator, and Lubricator

- **Operates From 0-160 PSI**
- **Includes Oiler**
- **1/4" NPT Fittings**

MORE INFORMATION crlaurence.com



The CRL Air Filter, Regulator, and Lubricator is a must for any shop that uses air-driven power tools. This unit will accurately control the pressure from 0-160 psi (0-11.0 bars). The filter removes impurities from the air including water, which can ruin a tool. Then the air passes through an oil reservoir to add lubrication. Minimum order is one each.

CAT. NO. SG70038

CRL Blo-Guns

- **150 PSI Maximum Operating Pressure**
- **1/4" NPT Threaded Air Inlet**
- **OSHA Approved**



CAT. NO. S158
24" (610 mm) Extended Reach Blo-Gun

CAT. NO. S148
Standard Blo-Gun

CAT. NO. RJR03
Ready Jet Inline

These CRL Blo-Guns have die cast bodies, and come with rubber nozzle tips as well as OSHA approved safety nozzle tips. Maximum recommended working pressure of 150 psi. (10 bars). Minimum order is one each.

CRL 4-HP Gas Powered Compressor

- **Small Footprint for Mobile Trucks**
- **Honda Powered**



PRESSURE AND VOLUME PRESSURE AND VOLUME REQUIREMENTS

PSI	CFM
125	4.0
100	4.4
40	5.1

This CRL 4-HP Gas Powered Compressor is the perfect size for mobile auto glass trucks and vans. Featuring a reliable Honda engine with overhead valves, dual element air cleaner, and electronic ignition. This heavy-duty single stage Compressor features ball bearings, splash lubrication, and metal air filter with exhaust silencer, stainless steel reed valves, plus fan cooling with fixed rotation speeds. The Compressor has a small footprint measuring 22" x 17" x 17" (558 x 432 x 432 mm). Minimum order is one each.

CAT. NO. GD4000

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Glass Handler Kit

- **Allows One Person to Set Large Windshields**
- **Includes Two Pump-Actuated Vacuum Cups**

The CRL Glass Handler Kit is the ultimate tool for setting auto glass. Ergonomic handle design allows for easier sets without strain on arms and back. Foam elbow pad rests on hood/cowl area for pivot point, which reduces back strain. Step-by-step instruction video included.

The Glass Handler Kit contains: Two 6" (152 mm) diameter Pump-Actuated Vacuum Cups, Foam Block Elbow Pad, Suction Cup Lubrication, and an Instruction Video, all packed in a sturdy Plastic Carrying Case. Minimum order is one each.



CAT. NO. K1T1710



CRL 7" Curved Glass Vacuum Cup

NEW!

- **Concave Pad for Curved Surface**
- **Ideal for Use on Windshields**
- **Durable Metal Handle and Brass Plunger**



CAT. NO. WH9601HP7B

The ideal tool for removing or installing windshields or custom bent glass, the CRL 7" Curved Glass Vacuum Cup provides comfortable and secure handling of glass with it's unique style metal handle. Concave pad allows attachment to curved glass found on automobile windshields and can also be used on flat surfaces. Red-Line indicator on brass plunger warns user of any vacuum loss. Lift tab on the edge of the pad permits instant release. Lifting capacity is 70 lbs. (32 kg). Minimum order is one each.

CRL Wood's Handi-Grip Vacuum Cup

- **3" by 6" (76 by 152 mm) Oval Shaped Cup for Long or Narrow Objects**



CAT. NO. RF36HG

The Wood's Handi-Grip Vacuum Cup is designed for handling small to moderate size loads of glass, sheet metal, and plastic. The 3" by 6" (76 by 152 mm) oval shape allows attachment to long, narrow objects. A finger grip aluminum "T" handle sits atop a reliable Wood's hand-actuated pump for sure holding power. Lift-tabs on edges of pad permit instant release. Rated for a maximum safe load of 40 pounds (18 kg). Minimum order is one each.

CRL All Rubber 6" Auto Vacuum Cup

MORE CHOICES crlaurence.com

- **The Perfect Tool for Handling Curved Windshields and Backlites**



CAT. NO. CRL69

Diameter of cup is 6" (152 mm).
Minimum order is one each

The CRL All Rubber Auto Vacuum Cup provides the installer with the easiest way to handle windshields and backlites. They fit the contour of bent windshields and backlites to allow you to maneuver the glass into place, thus eliminating the possibility of breakage by hitting the glass. Diameter of cup is 6" (152 mm).

CRL Plastic 4-1/2" Single Pad Vacuum Lifter

- **Lightweight Yet Powerful Gripping Strength**
- **One-Handed Operation**



CAT. NO. 05061P

Minimum order is one each

Our Plastic Single Pad Vacuum Lifter is lightweight yet tough, and its 4-1/2" (114 mm) diameter rubber pad lifts up to 66 pounds (30 kg) when applied to smooth, non-porous surfaces. Place it firmly against the glass; flip up the handle actuator and lift. It's that quick and easy!

Wood's Powr-Grip is a registered trademark of Wood's Powr-Grip Co., Inc.

CRL Wood's Powr-Grip® 6" Vertical Handle Vacuum Cup

- All Metal Handle and Pump
- Handle Position is Ideal for Use With Windshields
- Red Warning Indicator Warns of Low Vacuum

The CRL Wood's Powr-Grip 6" Vertical Handle Vacuum Cup has a semi-concave rubber cup which is excellent for handling curved surfaces such as windshields. The flexible cup conforms to the surface then flattens out, providing maximum gripping power. This 6" (152 mm) cup uses the same plunger as the Wood's W4950, respected worldwide in the flat glass industry. A plastic cover is included to protect the rubber. The W6100 is a must for anyone in the automotive windshield replacement business. Lifting capacity is 70 lbs. (32 kg). Minimum order is one each.





CAT. NO. W6100

CRL 6" Vertical Handle Vacuum Lifter

- Lightweight ABS Handle, Designed for Convenient Hand Placement
- Large-Volume Pump for Quick Attachment on Curved or Flat Surfaces
- Red-Line Indicator Warns User of Any Vacuum Loss

The ideal tool for removing or installing windshields or custom bent glass. The S106VHP Vertical Handle Vacuum Lifter provides comfortable hand placement when ordinary handles cannot. Its large volume pump permits quick attachment on both curved and flat glass surfaces. A rigid handle provides support for easy glass positioning, while non-slip grip holds the glass securely at any angle. The flexible pad conforms to the surface, and then flattens out, providing maximum gripping power. It is supplied with a vacuum pad protector. Pad measures 6" (152 mm) in diameter. Minimum order is one each.

MORE INFORMATION crlaurence.com

Lifting Capacity
55 lbs. (25 kg)



CAT. NO. S106VHP

CRL Windshield Hold-Down Vacuum Cup Set

- Movable Pads Conform to Contours

The CRL Windshield Hold-Down Vacuum Cup Set is a complete system that firmly secures both the windshield and the molding during the adhesive curing process. Once you use the Vacuum Cups to position the glass you thread the Tie-Down Strap through the slits in the handles. Then the strap is pulled around the "A" Pillar on one side of the vehicle, and around the opposite "A" Pillar back to the surface of the windshield. From there it is threaded into the ratchet mechanism and tightened, holding both the glass and molding in place while the adhesive cures.

The vacuum cups are 4-5/8" (117 mm) in diameter, and the handles have swivel points so the cups can conform to curved windshields or flat glass surfaces. The set contains two Double Swivel Vacuum Cups, and one 13 foot (4 m) Ratcheting Tie-Down Strap. Minimum order is one each.



CAT. NO. VCS2

CRL Plastic Double Swivel Vacuum Lifter

Lifting Capacity
132 lbs. (60 kg)

- Lightweight Plastic Handle and Double 4-1/2" (114 mm) Vacuum Pads
- Movable Pads Self-Adjust to Curved Glass



The CRL Double Swivel Vacuum Lifter is specially designed for lifting flat glass as well as the positioning and fitting of windshields or truck and bus glass. Lifting capacity is approximately 132 lbs. (60 kg). Minimum order is one each.

CAT. NO. 911VC

Wood's Powr-Grip is a registered trademark of Wood's Powr-Grip Co., Inc.

CRL Glass Jack

- Adjustable for Perfect Alignment of Heavy Windshields

Although the CRL Glass Jack was developed for setting mirrors and float glass it also can be used for setting large windshields without stops. The Glass Jack's adjustability allows for a perfect alignment of the windshield with ease.





Vacuum Cup Sold Separately.

CAT. NO. J1
Minimum order is one each

CRL Mobile Auto Glass Racks

MORE CHOICES crlaurence.com

- Standard 19" Masts Hold Larger Windshields
- Adjustable Grips for Safe, Secure Transport

CRL Mobile Auto Glass Racks assemble easily for fast pickup truck bed installation. The heavy steel powder-coated base holds the sponge rubber protected masts firmly to keep your windshield load steady. Adjustable grips press against the glass to prevent movement, and the rubber protective strips on the base plate ensures against glass breakage. Black powder-coat finish gives all-weather resistance. Masts are 19" (48.2 cm) high. Minimum order is one each.



CAT. NO.	CAPACITY	LENGTH	WIDTH	HEIGHT
WR5	5 Lites	18" (457 mm)	30" (762 mm)	22-1/4" (565 mm)
WR9	9 Lites	30-1/2" (774 mm)	30" (762 mm)	22-1/4" (565 mm)

Minimum order: 1 each. All Racks are F.O.B. the nearest CRL service center.

CRL Folding Windshield Stands

- These Easily Transportable and Very Sturdy Stands are Now Available in Two Sizes, Large and Extra Large, to Handle Even the Biggest Windshields

Our Folding Windshield Stands are big enough to handle even the largest windshields and backlites, yet easily transportable when you are called out to a mobile installation.

Two 18" (457 mm) chains allow for quick adjustment for a comfortable working height. Minimum order is one each.



CAT. NO. FWST
Optional Carpeted Table Top Measures 24-1/2" x 30-1/2" (622 x 775 mm)



CAT. NO. 2011099
Extra Large Size Windshield Stand



CAT. NO. 2011098
Large Size Windshield Stand

CRL Portable Windshield Stand

- Lightweight at Only 16 Pounds (7 kg)
- Foam Padding Protects Glass
- Folds to Just 4" (102 mm) Thick

Our WS85 Portable Windshield Stand is constructed of steel tubing with 1/2" (12 mm) foam padding on top. This lightweight, yet strong stand will hold up to 500 pounds (226 kg). It expands to 40" (1016 mm) wide, with an adjustable height from 33" to 44" (838 to 1118 mm).

CAT. NO.	DESCRIPTION
WS85	Portable Windshield Stand
FWST	Optional Carpeted Table Top

Minimum order: 1 each.



CAT. NO. WS85
Portable Windshield Stand

Shown with Optional Carpeted Table Top

CRL Windshield Rack Replacement Parts

Rubber Windshield Cart Caps 32/Pkg



CAT. NO. 6469005

Finger-Locks®



CAT. NO. RFL01

Rubber Base Pads



CAT. NO. RBR09

See More Glass Storage and Handling Equipment at crlaurence.com/machinery

- Tools, Equipment, and Supplies for Every Auto Glass Professional
- More Auto Glass Vacuum Cups
- More Storage and Handling Equipment









TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Windshield Saver Kits

- **Single and Five Packs Have Everything Necessary for a Complete Repair**

The CRL Windshield Saver Kit uses a two-part epoxy compound to repair stone-damaged windshields. Application is easy, and it's effective on a wide range of pit types.



CAT. NO.	DESCRIPTION
WS341	Single Pack
WS345	Five Pack

Minimum order: 1 each.

CRL Aegis® Advantage Windshield Repair Kit

- **High Quality Aegis® Equipment for Smaller Shops**

The Advantage Kit Contains:
- Aluminum Pump
- Repair Fixture and Chamber
- UV Curing Lamp/Flashlight
- Resin for Up to 100 Repairs
- Hose Assembly
- Glycerine
- Inspection Mirror
- Supply Box (Filled)
- Training Manual and Video
- Hard Wall Carrying Case



CAT. NO. K1T1500
Minimum order is one each

CRL Clear Vac Windshield Repair System

- **Cost Effective and Easy to Use**

MORE CHOICES crlaurence.com

The CRL Clear Vac Windshield Repair System is a high quality, cost-effective alternative to replacing windshields with bull's-eyes or star breaks.

UV12 Kit Contains: Injector Pump with Flow Regulator, Two Clear Hoses, 12 Pedestals, 12 Alignment Seals, 12 Mylar Squares, One Each Bottle of UV Resin, Scraper, Single Edge Razor Blade and Holder, UV Curing Lamp (Batteries Included), Carbide Scribe, Instruction Booklet, and a Plastic Storage Case. Minimum order is one each.



CAT. NO. UV12

CRL Clear Vac Replacement Alignment Seals

- **For Use With CSP6 Pedestals**



CAT. NO. CSTR6

This pack of Alignment Seals for the Clear Vac System will re-supply your windshield repair kit with enough seals to do the next 25 repairs. Designed for use with any CRL Clear Vac Repair Kit. Minimum order is one pack.

CRL Clear Vac Replacement Pedestals

- **For Use With CSTR6 Alignment Seals**



CAT. NO. CSP6

CRL Pedestals for the Clear Vac System will re-supply your windshield repair kit with pedestals for the next 25 repairs. These can be used with any CRL Clear Vac Repair Kit. Minimum order is one pack.

CRL Clear Vac Injector Pump

- **Used in All Clear Vac Kits**
- **Provides Pressure and Vacuum for Repairs**



CAT. NO. EM60

The Injector Pump used in all CRL Clear Vac Repair Kits forces the Resin into the break and allows you to monitor the repair from the inside of the vehicle. The barrel of the Injector is calibrated so you can measure the correct amount of Resin for your repairs. Minimum order is one each.

Aegis is a registered trademark of Aegis Tools International, Inc.

CRL Quick Cure UV Resin

- **Medium Viscosity for Most Types of Breaks**



CAT. NO. UCH12
(12 ml)



CAT. NO. UCH1
(25 ml)

CRL Medium Viscosity Windshield Resin provides the easy flowing features that result in high quality chip repairs. The 25 ml bottle performs 70 to 100 repairs; get 35 to 50 repairs from the 12 ml bottle. Can be used with all CRL Clear Vac Repair Kit Injectors. Minimum order is one each.

CRL Windshield Crack Repair Resin

- **Low Viscosity, Easy Flowing Formula**



CAT. NO. CCH12
1/2 Fl. Oz. (15 ml)



CAT. NO. CCH1
1 Fl. Oz. (30 ml)

CRL Windshield Crack Repair Resin has exceptional cure speed and bonding strength to fill cracks that emanate from typical stone chip breaks. The low viscosity of this Resin makes it perfect for filling these cracks. The 1 ounce bottle of Crack Repair Resin repairs approximately 70 to 100 cracks. Minimum order is one each.

CRL Pit Fill UV Resin

- **Heavy Viscosity, Fast Cure Formula for Vertical Surfaces**



CAT. NO. PFCH12
1/2 Fl. Oz. (15 ml)

CRL Pit Fill Resin is thicker to quickly fill the pit for completing vertical glass repairs such as the glass found in buses, RV's, and heavy equipment. Get 35 to 50 repairs from the 1/2 ounce bottle. Use our CRL10 Plastic Polish on the cured Resin to bring the repair to the best possible clarity. Minimum order is one each.

CRL Crystalene Low Viscosity Break Repair Resin

- **Best Formula for Most Typical Repairs**

The repair of the most common windshield breaks (bull's eye, daisy, star, and combination types) calls for a resin that will flow evenly into the crevices of the cavity. This Crystalene Resin is formulated to handle the most common breaks you encounter, and leave results that will please your customers. Minimum order is one each.



CAT. NO. CRLV12
1/2 Fl. Oz. (15 ml)

CRL Crystalene High Viscosity Pit Fill Resin

- **Formulated for the Final Repair Stage and Vertical Surface Repairs**

This Crystalene Resin handles two jobs: It fills in the small pits that may remain after a typical break is repaired with Break Repair Resin, and its thicker consistency will hold it in place for repairs on vertical surfaces, such as bus, trailer, and RV glass. Minimum order is one each.



CAT. NO. CRHV12
1/2 Fl. Oz. (15 ml)

CRL Crystalene Ultra Low Viscosity Crack Repair Resin

- **The Perfect Choice for Crack Repairs**

Ultra Low Viscosity Crack Repair Resin is used for repairing cracks emanating from breaks because it flows more easily into cracks than low or medium viscosity resins. It's generally too thin for other types of breaks, but is the answer for fixing cracks. Minimum order is one each.



CAT. NO. CRUL12
1/2 Fl. Oz. (15 ml)

CRL Aegis® Resin Polymer - Low Viscosity

- **Flows Easily Into Cracks**

Special low viscosity formula CRL Aegis® Resin Polymer is the perfect choice for star breaks, combinations, and long cracks. Each 4 milliliter bottle contains enough crack filler for up to 25 repairs. Mylar Squares or Long Crack Tape is required for a proper cure. Unopened shelf life is approximately two years. Minimum order is one each.



CAT. NO. L1Q2015
(4 ml)

Aegis is a registered trademark of Aegis Tools International, Inc.

CRL Mylar Squares

- **Cut Specifically for Windshield Repairs**



These CRL Mylar Squares are required for curing windshield repair resins, and can be used with any windshield repair kit or resin.

CAT. NO.	DESCRIPTION	QTY/PACK
UVSTR1PS	Clear Vac Squares	25
HDW3000	Aegis® Squares	100

Minimum order: 1 pack.

CRL Aegis® Quad Rings

- **For Sealing Aegis® Fixture Chambers**



CAT. NO. SBX2016



CAT. NO. SBX2010

CRL stocks the most common Quad Rings required for replacement with your Aegis® Kits. Choose from the 3/16" or 3/8" Aegis® Quad Ring depending on what system and Aegis® Fixture Chamber you have. Five Rings per pack.

CAT. NO.	SIZE
SBX2016	3/16" (4.8 mm) Rings
SBX2010	3/8" (9.5 mm) Rings

Minimum order: 1 pack.

CRL Compact AC UV Curing Lamp

- **Lightweight and Durable**
- **For Curing UV Resins Quickly**

PROTECT



The CRL Compact AC UV Curing Lamp is a great tool to assist you in curing windshield repair resins.

CAT. NO.	DESCRIPTION
UV240	Compact Curing Lamp 110 Volts AC 60Hz
UV240230	Compact Curing Lamp 230 Volts AC 50Hz
UV240BULB	Replacement Bulb for UV240, UV240230 and UB80

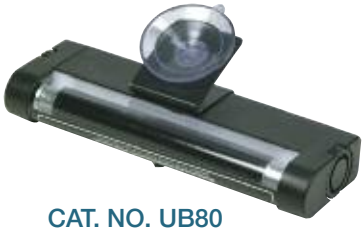
Minimum order: 1 each.

CRL Battery Operated UV Curing Lamp

PROTECT

MORE INFORMATION crlaurence.com

- **For Ultraviolet Cure Adhesives and Resins**
- **Vacuum Mounts to Glass**



CAT. NO. UB80

Excellent for use with UV cure windshield repair resins. The UB80 operates on four AA batteries (supplied). Replacement bulbs are available by ordering Cat. No. UV240BULB. Minimum order is one each.

CRL Dremel® Mini-Mite Cordless Rotary Tool

- **Excellent for Drilling Windshield Break Cavities for Resin**



CAT. NO. D750

This small yet powerful CRL Dremel® Mini-Mite Cordless Rotary Tool is excellent for windshield repairs where star breaks must be drilled for injection of resin. The D750 accepts Dremel® and other bits with shanks up to 1/8" (3 mm) in diameter. Battery pack, charger, and five bits included. Minimum order is one each.

CRL 1/16" Collet for Dremel® Mini-Mite Cordless Rotary Tool

- **Holds Carbide Burr Drills and Diamond Ball Burr Bits**



CAT. NO. D482

This CRL 1/16" Collet for the Dremel® Mini-Mite Rotary Tool accepts our Cat. No. DRL2021C Carbide Burr Drills and Cat. No. ADK3D Diamond Ball Burr Bits used with windshield repair methods. Minimum order is one each.

CRL Tapered Auger Carbide Burr Drills

- **Long Lasting Carbide Tip for Use in Dremel® Tools**



CAT. NO. DRL2021C

These CRL Tapered Auger Burr Drills for windshield repair quickly open the break area for quick resin flow. 10 Drills per package. Minimum order is one pack.

NOTE: Requires Cat. No. D482 1/16" Collet when using in a CRL Dremel® Mini-Mite Cordless Rotary Tool or CRL Dremel® Moto Tool.

CRL Diamond Ball Burr Bit

- **Fast Drilling to Open Repair Areas for Resin**



CAT. NO. ADK3D

This CRL Diamond Ball Burr Bit for windshield chip repair opens repair areas to create a pool for better resin flow. Increases potential for better results by gaining access to the start of the cracks in the center of the damaged area. One Drill per package. Minimum order is one each.

NOTE: Requires Cat. No. D482 1/16" Collet when using in a CRL Dremel® Mini-Mite Cordless Rotary Tool or CRL Dremel® Moto Tool.

Aegis is a registered trademark of Aegis Tools International, Inc.
Dremel is a registered trademark of Robert Bosch Tool Corporation.

CRL Loctite® Fast Cure Epoxy

MSDS ONLINE

- Bonds Virtually Any Material in as Little as 10 Minutes
- Pre-Measured Individual Mixer Cups Assure Consistent Results

CRL Loctite® Fast Cure Epoxy bonds, seals, and repairs almost anything in as little as ten minutes. The convenient no mess, no guess, no waste mixer cup packaging assures consistent results. Zip off the protective film, pop the mixer cup, and mix the pre-measured parts thoroughly. The resulting gray-colored mixture gives a strong and confident bond to glass, metal, plastic, wood, ceramic, marble, brick, concrete, and many more surfaces.



CAT. NO.	MIXER CUP SIZE	QTY/BOX
44581X10	.12 Fl. Oz. (3.5 ml)	10 Cups
21426X10	1 Oz. (28 g)	10 Cups

Minimum order: 1 box.

CRL Loctite® Minute Bond Adhesive and Primer

MORE CHOICES crlaurence.com

- Superior Holding Power Up to 3000 psi
- Clear Color
- Joins Glass to Metal Permanently in Just Seconds

MSDS ONLINE SPEC. DATA ONLINE NO AIR FREIGHT

CRL Loctite® Minute Bond Adhesive permanently bonds non-porous materials such as glass, metal, tile, coated wood, plastics, and nylon with superior strength holding power up to 3,000 psi. The combined Primer and Adhesive two-step application offers handling strength in 10 seconds, 60% full strength in two minutes, and a full cure in 24 hours. Kits contain both Adhesive and Primer. Minimum order is one each.



CAT. NO. 0144
1.69 Fl. Oz. Kit



CAT. NO. 3325
0.8 Fl. Oz. Kit



CAT. NO. 3346
0.2 Fl. Oz. Kit



CAT. NO. 37438
Single Application Kit
12/Box



CAT. NO. 73656
Primer Improves Bond Strength

CRL Rear Defroster Connection Kit

MSDS ONLINE

- Easy-to-Use Two-Part Conductive Adhesive for the Repair of Rear Defroster Power Tabs
- Full Cure in 24 Hours or Less



CAT. NO.	CONTENTS
RDCRK	.5 Oz. (14 g) Total

Minimum order: 1 each.

Loctite is a registered trademark of Henkel Corporation.

CRL Loctite® Rear Window Defogger Tab Adhesive

MSDS ONLINE

- Two-Part System That Permanently Bonds Defogger Tabs to Glass



CAT. NO.	CONTENTS
1223351	.035 fl Oz. (0.8 ml) Adhesive/ .02 fl Oz. (0.6 ml) Activator

Minimum order: 1 each.

CRL Rear Window Grid Repair Kit

MSDS ONLINE

- Conductive Paint-On Repair for Scratched or Broken Rear Defroster Lines
- Easy-to-Use Kit Contains Everything You Need



CAT. NO.	CONTENTS
2100RK	.35 Oz. (10 g)

Minimum order: 1 each.

CRL Mirror Bracket Kits

MORE CHOICES crlaurence.com

- **Includes Our Most Popular Brackets, Adhesive, and Removal Tools**

Our Rear View Mirror Bracket Kits contain the brackets, adhesive, and tools you need for a professional quality installation of Rear View Mirror Brackets. These two kits contain the most popular Mirror Bracket styles, as well as four Rear View Mirror Removal Tools. Add to this CRL Loctite® Minute Bond Adhesive, Razor Blades with a Holder, and a Plastic Compartment Box to hold it all. It's an easy way to stay organized and have the items you need for most mirror bracket installations.

CRL Standard Mirror Bracket Kit

- **10 Each of the Four Most Popular Brackets, Plus Removal Tools and Adhesive**



CAT. NO. MBK1T

Standard Mirror Bracket Kit Contains: One of each Small Parts Box; MB2, MB2TX, MB3, and MB4 Mirror Bracket Tools; 3223 Razor Blade Scraper; 3346 Loctite® Adhesive; One Ten Pack of each MB2525, MB3088, MB3289A, and MB3543 Mirror Brackets; 25 each 51S Single Edge Razor Blades. Minimum order is one each.

CRL Deluxe Mirror Bracket Kit

- **34 of the Most Popular Brackets, Plus Removal Tools and Adhesive**



CAT. NO. MBDK1T

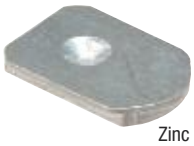
Deluxe Mirror Bracket Kit Contains: One of each Small Parts Box; MB2, MB2TX, MB3, and MB4 Mirror Bracket Tools, 3346 Loctite® Adhesive; 3223 Razor Blade Scraper; 25 each 51S Single Edge Razor Blades; Two each AGC1Z, AGC2Z, AGC3Z, AGC4Z, AGC5, AGC6, AGC7, AGC8, AGC9, AGC11, AGC12, AGC13Z, AGC14Z, AGC15Z, AGC16, AGC17, AGC18, AGC19, AGC20, AGC21, AGC22, AGC23, AGC24, AGC25, AGC26, Mirror Brackets, AGC27, AGC29, AGC30, AGC31, AGC33, AGC34, AGC35, and AGC36. Minimum order is one each.

CRL Mirror Brackets

- **Our Most Popular Brackets in Single or Multiple Packs**

Ford/GM/Chrysler

CAT. NO.	QTY/PKG
AGC2Z	1
MB3088	10
S3088	*Bulk 100



Zinc

Ford Deep "V"

CAT. NO.	QTY/PKG
AGC13Z	1
MB3543	10
S3543	*Bulk 100



Zinc

Chrysler

CAT. NO.	QTY/PKG
AGC1Z	1
MB2525	10
S2525	*Bulk 100



Zinc

Ford/GM

CAT. NO.	QTY/PKG
MB3289A	1
S3289A	10



Zinc

Ford Breakaway

CAT. NO.	QTY/PKG
AGC14Z	1



Zinc

Jeep Cherokee

CAT. NO.	QTY/PKG
AGC11	1



Zinc

Honda (U.S)

CAT. NO.	QTY/PKG
AGC7	1
MB307	10



Zinc

Honda

CAT. NO.	QTY/PKG
AGC15Z	1
MB315Z	10



Zinc (Painted)

Hyundai

CAT. NO.	QTY/PKG
AGC12	1
MB312	10



Zinc (Painted)

* Minimum order for Bulk 100 pack is 100 each. All others are ordered by the pack.

Loctite is a registered trademark of Henkel Corporation.

CRL Mirror Brackets

MORE CHOICES crlaurence.com

- **Single Packs of Commonly Requested Brackets**

Our Replacement Mirror Brackets are OEM quality for fit and finish. Minimum order is one each.

GM



CAT. NO.	QTY/PKG
AGC34	1

Zinc

Chrysler/GM



CAT. NO.	QTY/PKG
AGC25	1

Plastic Adapter

Audi A6/100



CAT. NO.	QTY/PKG
AGC23	1

Zinc (Painted)

Honda Odyssey



CAT. NO.	QTY/PKG
AGC21	1

Zinc

Honda S-2000



CAT. NO.	QTY/PKG
AGC24	1

Zinc

Honda



CAT. NO.	QTY/PKG
AGC8	1

Zinc (Painted)

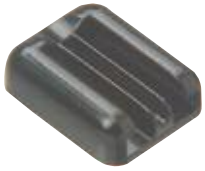
Volvo



CAT. NO.	QTY/PKG
AGC33	1

Zinc

Hyundai Accent



CAT. NO.	QTY/PKG
AGC28	1

Zinc (Painted)

Jaguar/Rover



CAT. NO.	QTY/PKG
AGC9	1

Zinc

Jaguar XJ



CAT. NO.	QTY/PKG
AGC19	1

Zinc

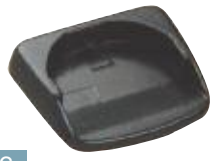
Lexus



CAT. NO.	QTY/PKG
AGC18	1

Zinc

Lexus



CAT. NO.	QTY/PKG
AGC20	1

Zinc (Painted)

Lexus GS300/400



CAT. NO.	QTY/PKG
AGC26	1

Zinc

Lexus



CAT. NO.	QTY/PKG
AGC29	1

Zinc

Mazda 929



CAT. NO.	QTY/PKG
AGC6	1

Zinc

Toyota 4-Runner



CAT. NO.	QTY/PKG
AGC35	1

Zinc

VW, BMW



CAT. NO.	QTY/PKG
AGC36	1

Zinc (Painted)

VW Passat



CAT. NO.	QTY/PKG
AGC17	1

Zinc (Painted)

NOTE: Make and model listed for individual brackets is used as a starting point for identification. We suggest you use the photographs for best match as many brackets fit other makes and models. For additional assistance in locating the proper Mirror Brackets, contact CRL Automotive Technical Sales by e-mail at **crlaurence.com/support**.

CRL Automotive Glass Clips, Fasteners, and Guides

- Stock Your Shop with Our OEM Quality Replacement Parts
- Hundreds of Parts Available for Most Domestic and Import Cars and Trucks





All CRL Automotive Windshield Clips, Reveal Molding Clips, Trim Fasteners, Door Handle Clips, Regulator Rollers, Guides, and Rivets are OEM quality, and we stock the most complete selection anywhere. Whatever make, model or year of car you're working on CRL probably has the clip you need. CRL adds new clips and fasteners to our product line on a regular basis. As vehicles become older, aftermarket suppliers start supplying the clips and fasteners that were previously only available from the dealer. Year models shown with a "+" after the date (i.e., 2000+ or 2010+) denotes the fact that these clips or fasteners are available for this model vehicle from that year forward. By visiting **crlaurence.com/auto-fasteners** you can search for clips and fasteners by year, make, and model.

CRL Push In Retainer and Finishing Plug Kit



CRL's Push In Finishing Plugs are used to hold grilles, soft trim, liner panels, insulation, etc. These OEM quality Plugs are ribbed along entire length of shaft, and will work well even in irregularly shaped holes. Kit contains six different items for a total of 45 pieces in a plastic storage box. Minimum order is one each.



CAT. NO. AN912

CRL Plastic Drive Rivet Kit



CRL's OEM quality Plastic Drive Rivets are designed to attach moldings, cowls, shields, panels, and grilles into blind holes. Rivets come in six sizes to fit hole diameters from 1/8" (3.1 mm) to 5/16" (8 mm). Kit comes in a plastic storage box containing six different items for a total of 55 pieces. Minimum order is one each.



CAT. NO. AN914

CRL Molding Clips

MORE CHOICES crlaurence.com



CAT. NO. CP651120
100 per box.
Minimum order is one box

Windshield and Backglass Molding Clips for Ford and Mercury '65+, Mustang '66+, AMC '67 – '75, and Mazda '74+.



CAT. NO. CP663021
100 per box.
Minimum order is one box

Windshield and Backglass Molding Clips for Mustang '67+.



CAT. NO. CP713467
100 per box.
Minimum order is one box

Windshield Molding Clips for Ford Cars '71 - '94, and Ford F-Series Trucks '91 - '96.



CAT. NO. CP957418
25 per box.
Minimum order is one box

Windshield and Backglass Molding Clips (Upper and Sides) for Chrysler, Dodge, and Plymouth '65-'72.



CAT. NO. AV9633
100 per box.
Minimum order is one box

Windshield and Backglass Molding Clips for Chevelle, Tempest, F-85, and Buick Special '68-'70.

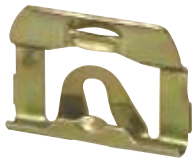


CAT. NO. AV10630
50 per box.
Minimum order is one box

Windshield and Backglass Molding Clips for Buick, Camaro, and Pontiac Tempest '70+.

CRL Molding Clips and Setting Blocks

MORE CHOICES crlaurence.com



CAT. NO. CP998245
50 per box.
Minimum order is one box

Windshield and Backglass Molding Clips for Impala '69+ and GM '71+.



CAT. NO. CP713494
100 per box.
Minimum order is one box

Windshield Molding Clips for GM A-Body '72+.



CAT. NO. CP723710
100 per box.
Minimum order is one box

Windshield Molding Clips for GM '73 - '92.



CAT. NO. CP651069
100 per box.
Minimum order is one box

Backglass Molding Clips for GM '69 - '74; Quarter Glass Molding Clips for GM '65+.



CAT. NO. CP651053
100 per box.
Minimum order is one box

Quarter Glass, Windshield and Backglass Molding Clips for All GM '64-'71.



CAT. NO. CP663067
25 per box.
Minimum order is one box

Backglass Molding Clips for GM '66+.



CAT. NO. CP998420
50 per box.
Minimum order is one box

Windshield and Backglass Molding Clips for Chevelle, Chevy II, F85, Tempest, and Buick Special '68+.



CAT. NO. CP713468
100 per box.
Minimum order is one box

Windshield Molding Clips for GM '71+.



CAT. NO. CP733835
50 per box.
Minimum order is one box

Windshield Molding Clips for GM '76 - '81; AMC '75 - '85.



CAT. NO. AV2628
100 per box.
Minimum order is one box

Windshield and Backglass Molding Clips for GM '61-'64.



CAT. NO. CP683220
100 per box.
Minimum order is one box

Windshield Molding Clips (Upper and Lower) for Chevelle.



CAT. NO. CP855889
50 per box.
Minimum order is one box

Windshield Supports (Three Position Adjustment) for GM 'B' Bodies '80+.



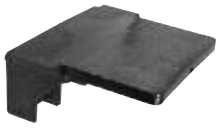
CAT. NO. CP937138
10 per box.
Minimum order is one box

Windshield Supports (Five Hole Adjustment) for Various GM.



CAT. NO. SB586
100 per box.
Minimum order is one box

3/8" x 1/2" x 1" (10 x 13 x 25 mm) 80 Durometer Neoprene Rubber Windshield Setting Blocks for Use on Vehicles Without Support Brackets.



CAT. NO. CVSB50
25 per box.
Minimum order is one box

Windshield Setting Blocks for Dodge Caravan and Chrysler Vans '86+.

CRL Cowl Fasteners

MORE CHOICES crlaurence.com



CAT. NO. CP987806
50 per box.
Minimum order is one box

Screw, Cowl Screen Retainer; Black Plastic; Stem Length: 26 mm; Head Dia.: 14 mm for Ford Taurus, Sable '96+.



CAT. NO. CP998054
50 per box.
Minimum order is one box

Retainer - Cowl Vent Plastic with Black Matte Finish; Hole: 6.3 mm; Head Diameter: 17.4 mm; O/A Length: 22.2 mm for Ford Full Size '92+.



CAT. NO. CP998265
10 per box.
Minimum order is one box

Rivet - Drive Type (Push to Release) Cowl Grille and Lower Radiator Opening Cover, Plastic, with Seal Hole: 9 mm; Shoulder: 3 x 10 mm; Flange: 25 mm; Stem Length: 13 mm for Lincoln LS 2000+.



CAT. NO. CP957387
50 per box.
Minimum order is one box

Retainer - Cowl Grille; Plastic Hole: 1/4"; Head Diameter: 11/16"; Stem: 1-1/8" for GM, Ford, Chrysler.



CAT. NO. CP906806
10 per box.
Minimum order is one box

Rivet, Drive Type (Removable) Cowl Screen Retainer; Black Plastic; 6 mm Hole Size; Washer Face 15 mm; Grip Range 2 - 5 mm; for GM Geo Tracker and Suzuki Sidekick '89+, Toyota RAV4 '89+, Chrysler, and Mitsubishi '95+.



CAT. NO. CP906798
25 per box.
Minimum order is one box

Cowl Screen Retainer; Black Plastic Hole Dia. 7/32"; Length 1-3/8"; Head Dia. 19/32" for GM B-Bodies '91+.



CAT. NO. CP927025
25 per box.
Minimum order is one box

Cowl Vent Rivet, Drive Type; Black Plastic; Hole: 6 mm; Flange: 15 mm; Panel Range: 5 mm for GM Saturn '91+.



CAT. NO. CP998302
25 per box.
Minimum order is one box

Retainer - Cowl Vent; Plastic-Textured Head Hole: 5 mm; Head: 14 mm; Panel Range: 8.5 mm for Chevrolet Tracker and Suzuki Vitara '99+.



CAT. NO. CP855937
100 per box.
Minimum order is one box

Plastic Retainer, Grille to Shroud, Vent Grille to Windshield Shroud GM N and L Bodies '85+.



CAT. NO. AV15367
50 per box.
Minimum order is one box

Vent Grille Panel Retainer; Head Dia.: 19/32"; Stem Length: 3/4"; Fits Into 1/8" Hole for Various GM '85+.



CAT. NO. CP805158
50 per box.
Minimum order is one box

Retainer - Vinyl Splash Shield; Radiator to Bar, Cowl Vents Hole: 3/8"; Head: 1" for GM '80+.



CAT. NO. CP947254
15 per box.
Minimum order is one box

Retainer - Cowl Screen with Torx Recess (Use with CP947253) Black Plastic; Fits 1/4-20 Stud for Dodge Ram Full Size Pickup '94+ Grand Cherokee '99+.



CAT. NO. CP866096
25 per box.
Minimum order is one box

Rivet-Cowl and Various Interior Trim Applications (Screw Type); Black Plastic; Hole: 6.3 mm; 2.5 mm - 8.0 mm Grip Range; Washer Face Dia.: 18.0 mm Ford, GM, Chrysler Products, and Cadillac '98+.



CAT. NO. CP998149
15 per box.
Minimum order is one box

Pin Retainer - Cowl Vent; Plastic (Use with CP998148) Head: 13 mm (Textured); Stem Length: 15 mm for Toyota 4 Runner, Tacoma, Pre-Runner, Tundra '95+.



CAT. NO. CP947253
15 per box.
Minimum order is one box

Retainer - Cowl Screen (Use with CP947254) Black Plastic; Hole Size: 1/4-20"; 9/16" Flange; Length: 1"; for Dodge Ram Full Size Pickup '94+.

TOLL FREE Phone: (800) 421-6144
Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Cowl and Door Panel Fasteners

MORE CHOICES crlaurence.com



CAT. NO. CP987856
10 per box.
Minimum order is one box

Rivet - Drive Type (Push to Release) Cowl Grille; Plastic Hole: 7 mm; Flange: 17 mm; Panel Range: 3 mm for Lexus '97+, Toyota Camry '98 and Prius '01+.



CAT. NO. CP916996
10 per box.
Minimum order is one box

Retainer, Cowl Grille; Black Plastic Hole: 8 mm; Head Dia.: 17 mm for Honda Accord '90+.



CAT. NO. CP967529
10 per box.
Minimum order is one box

Retainer, Cowl Grille; Black Plastic Fits 7 mm Hole; Head 17.5 mm; Panel Thickness: .80 mm for Honda Civic '92+, CRV '97+.



CAT. NO. CP998221
10 per box.
Minimum order is one box

Cowl Vent Retainer Hole: 4.2 mm; O/L: 18 mm; Upper Head: 12 mm; Panel Range: 2.7 mm for Acura MDX, Honda Civic, Insight, Odyssey and Prelude '95+.



CAT. NO. CP998045
5 per box.
Minimum order is one box

Retainer - Cowl Grille; Plastic Hole: 7 x 9 mm Oval; Head: 17.5 mm Stem Length: 13.5 mm for Honda Accord and Odyssey '98+.



CAT. NO. CP957494
25 per box.
Minimum order is one box

Clip, Weatherstrip Retainer Cowl; Black Plastic; Fits 6 mm Hole; Head: 8 mm x 17.8 mm for Honda Civic '93+, CRV '97+.



CAT. NO. CP916939
15 per box.
Minimum order is one box

Retainer - Cowl Top Black Plastic; Head Dia. 14 mm; for Honda Accord '90+.



CAT. NO. CP906749
25 per box.
Minimum order is one box

Cowl Retainer Rivet - Screw Type; Plastic; Hole Size: 6 mm Grip Range 5-7 mm; Washer Face: 17.5 mm Honda Accord '86 -'89 and Acura Vigor '92+.



CAT. NO. CP896672
25 per box.
Minimum order is one box

Clip, Cowl Top; Black Plastic for Honda Accord '87+.



CAT. NO. CP896714
25 per box.
Minimum order is one box

Clip, Cowl Grille and Headliner; Gray Plastic; Hole: 5 mm; Head: 12 mm; Panel Range: 5 mm for Honda Accord '86+.



CAT. NO. CP866084
25 per box.
Minimum order is one box

Rivet - Screw Type, Air Scoop Grill (Cowl Vent Panel); Black Plastic Hole: 6 mm; 2 - 6 mm Panel Range; 18 mm Washer Face for Honda Prelude '83+.



CAT. NO. CP855947
50 per box.
Minimum order is one box

General Purpose Interior Trim Clip; Black Plastic Hole: 7 mm for Various Ford Models.



CAT. NO. CP825590
25 per box.
Minimum order is one box

Door Trim Panel Clip for Ford '81+.



CAT. NO. CP886502
50 per box.
Minimum order is one box

Door Trim Panel Clip; Black Plastic Hole: 5/16"; Panel Thickness: 3/32"; 1/16" to 9/16" Grip Range for Ford, Various Models '88+, and Dodge Trucks '96+.



CAT. NO. CP876297
25 per box.
Minimum order is one box

Trim Attachment Rivet - Screw Type Various Interior Black Plastic; 6.3 mm Hole; Flange: 25 mm; Panel Range 2-12 mm for Ford Taurus/Sable 2000+.

CRL Window Guides, Regulator Parts, and Retainer Clips

MORE CHOICES crlaurence.com



CAT. NO. CP805161
25 per box.
Minimum order is one box

Front Door Window Guide; for GM '80+ Buick, Cadillac, and Olds 'B', 'C', and 'X' Bodies, 'S' Trucks '82-'90, 'A' Bodies '82-'86.



CAT. NO. CP896594
10 per box.
Minimum order is one box

Front Door Window Guide with Adhesive Gasket; Plastic for GM 'A' Bodies '87+, and 'S' Trucks '88+.



CAT. NO. CP947307
5 per box.
Minimum order is one box

Front Door Window Regulator Guide – No Stud; Plastic for GM '85+.



CAT. NO. CP998436
25 per box.
Minimum order is one box

Nissan Cowl Vent Retainer for Nissan.



CAT. NO. CP998347
50 per box.
Minimum order is one box

Radiator Shroud Air Deflector and Cowl Vent for Ford '03+.



CAT. NO. CP998009
10 per box.
Minimum order is one box

Cowl Vent Grommet for Ford "F" Trucks, Expedition, and Windstar '95+.



CAT. NO. CP987886
10 per box.
Minimum order is one box

Window Regulator Roller and Rivet; 11/16" Dia.; 7/32" Thick for GM Cars '57-'66, Suburban Rear Window, Rambler '63-'66.



CAT. NO. CP733792
10 per box.
Minimum order is one box

Door Glass Fastener Bushing; (Use with CP733842) for Ford '73+.



CAT. NO. CP774629
100 per box.
Minimum order is one box

Clip, Door Trim Panel for Cadillac '77, GM '78 'C' Bodies '85+.



CAT. NO. CP998523
15 per box.
Minimum order is one box

Roof and Garnish Molding Retainer Clip for Ford "F" Truck '05.



CAT. NO. CP937102
5 per box.
Minimum order is one box

Universal Door Glass Plastic Brackets.



CAT. NO. CP998813
50 per box.
Minimum order is one box

A-Pillar Trim Rail Rivet for Ford Thunderbird and Mercury Cougar '89 .

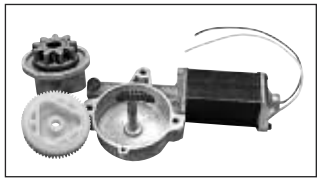
CRL Window Motor Bushing Kit

- **Replace Worn Bushings in Power Window Motors**
- **Saves Cost of Replacing Entire Motor or Gear**

This kit contains three high density polyethylene bushings to replace worn bushings in power window motors used in many domestic cars and trucks. It's a simple repair that saves the cost of replacing an entire motor or gear. One kit repairs one gear. Minimum order is one each.



CAT. NO. 6437



Motor and Gears Not Included

CRL Auto Glass Rivets

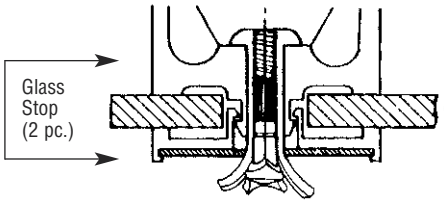


MORE INFORMATION crlaurence.com

Important Information About Automobile Rivets: Automotive Rivets used for regulator and door handle applications are the split rivet type. The stem is part of the structural strength of the rivet, and must remain in the rivet after application. Two important factors make this happen: Using the proper grip range rivet, and being sure to use the special automotive nosepiece in your rivet gun. The rivet stem has serrations on it that are crimped tightly at the rivet head by the special automotive nosepiece. If you use a rivet that does not fall in the proper grip range, the serrations will be below the crimping area, and when the rivet stem breaks, the stem will be propelled into the outer door panel, causing a "dimple" dent. Use caution when selecting the proper rivet for your application. For a complete product offering of Automobile Rivets go to **crlaurence.com/auto-rivets**.

CRL Glass Stop Rivets

These rivets are used to secure the glass stop to the window glass.





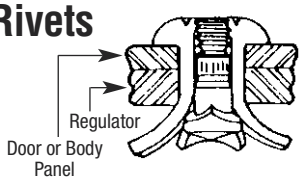
Glass Grip Range: .520" to .620"

Pack of 50
CAT. NO. 42376
Minimum order is one box

Bulk Case of 2,000
CAT. NO. 52376
Minimum order is one case

CRL Window Regulator Rivets

These rivets are used to connect the regulator to the door or body panel.





Grip Range: .032" to .140"

Pack of 50
CAT. NO. 42371
Minimum order is one box

Bulk Case of 3,000
CAT. NO. 52371
Minimum order is one case



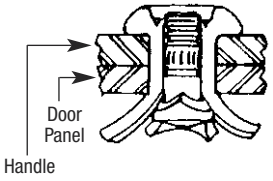
Grip Range: .140" to .187"

Pack of 50
CAT. NO. 42374
Minimum order is one box

Bulk Case of 2,000
CAT. NO. 52374
Minimum order is one case

CRL Door Handle Rivets

These rivets are used to mount recessed door handles to the door panel.





Grip Range: .090" to .115"

Pack of 50
CAT. NO. 42372
Minimum order is one box

Bulk Case of 3,000
CAT. NO. 52372
Minimum order is one case



Grip Range: .110" to .177"

Pack of 50
CAT. NO. 42373
Minimum order is one box

Bulk Case of 2,000
CAT. NO. 52373
Minimum order is one case

CRL Multi-Purpose Rivets



Rivet, Peel Type, Door Window Attachment
Rivet: M6.3, Flange: 16 mm,
Grip Range: 10-16.5 mm;
Fits Lincoln Continental,
Ford Taurus and Windstar '95+

CAT. NO. CP997999
25 per box.
Minimum order is one box



Rivet, Peel Type, Window Regulator
Rivet: 1/4", Flange: 1/2",
Grip Range: .100-.200 mm;
Ford Mustang and Lincoln Continental '94+

CAT. NO. CP987908
25 per box.
Minimum order is one box



Aluminum Rivet w/ Aluminum Mandrel
for Glass Stop/Roller;
3/16" Rivet w/ 5/8" Flange,
.501"-.625" Grip Range;
Chrysler Products,
Not Supplied by O.E.M.

CAT. NO. CP906792
25 per box.
Minimum order is one box

CRL Window Things

- **Eliminates the Need for Door Regulator Rivets in Most Vehicles**
- **Installs With a Phillips Screwdriver**

Simply snap the Window Thing through hole in glass, line up carrier and insert the screw. Minimum order is one pack.



CAT. NO. WT50

Window Things come 50 to a package, along with 50 screws and 12 washers for installations where a spacer is required.

CRL Blind Rivet





- **For Toyota Camry '98+**

CAT. NO. CP998008
10 per box.
Minimum order is one box

Aluminum Blind Rivet w/Steel Mandrel for Gas Filler Door MS Rivet w/14 mm Flange, 3 - 8 mm Grip Range.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Marson® "Big Daddy" Riveter



- **Excellent for Window Regulator and Glass Stop Rivets**

The CRL Marson® "Big Daddy" Riveter lets you work in hard-to-get-to areas. Use it to replace window regulator and glass stop rivets, plus door handle rivets. The special nosepiece provided with the tool must be used for these applications. 3/16" and 1/4" (4.8 and 6.4 mm) nosepieces for other rivet applications are stored in the body of the tool.

CAT. NO.	DESCRIPTION
39010	"Big Daddy" Riveter
39010JAWS	Replacement Jaws (Pair)
39009	Long Nose Adapter

Minimum order: 1 each.

CRL Heavy-Duty Automotive Riveter



- **Tremendous Power for Large Rivets**
- **Extra Heavy-Duty Tool Used in Auto Glass Shops**
- **Equipped With Three Long Nosepieces**

This CRL Heavy-Duty Automotive Riveter allows riveting in areas where other tools won't reach. Exerts tremendous pulling power for large rivets. Shock resistant curved handles. Equipped with three nosepieces conveniently stored on the handle. Nosepieces set 5/32", 1/8", and 3/32" (4, 3.2, and 2.4 mm) rivets, plus there's a special nosepiece for inserting door handle rivets for the automotive industry.

CAT. NO.	DESCRIPTION
79034	Heavy-Duty Riveter with Nosepieces
96013	Replacement Jaws (Pair)

Minimum order: 1 each.

CRL Marson® Heavy-Duty Rivet Gun

- **Includes Four Nosepieces**



The CRL Marson® Heavy-Duty Rivet Gun includes four nosepieces that are housed in the tool's body. For use with 3/32", 1/8", 5/32", and 3/16" (2.4, 3.2, 4, and 4.8 mm) rivet sizes.

CAT. NO.	DESCRIPTION
HP2	Heavy-Duty Rivet Gun
HP23A	Replacement Jaws (Pair)

Minimum order: 1 each.

CRL Rivet Head Removal Tool

- **Cuts Heads Off Door Regulator Rivets**
- **Hollow Center Catches Rivet Stem**



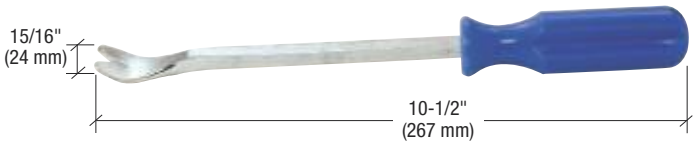
MORE INFORMATION crlaurence.com

The CRL Rivet Head Removal Tool is perfect for the removal of rivets that hold door regulators in place. A hardened steel tip cuts off the rivet head, and the hollow center catches the rivet stem. 3" (76 mm) overall length with 1/4" (6.3 mm) shank to fit most electric drills. Minimum order is one each.

CAT. NO. 72181

CRL Upholstery Nail Remover

- **Gently Pry Without Damage**



These CRL Upholstery Remover Tools gently pry door panels off quickly and easily. Their heavy-duty shaft and prongs are durable and easy to use. Minimum order is one each.

CAT. NO. CP255

CRL Fiber Driving Wedge



- **Can Be Used to Drive Glass On or Off of Channel**
- **Fiber Material Won't Scratch Glass**

The CRL Fiber Driving Wedge is a great multi-purpose driving wedge primarily used for removing framework and channels from a piece of glass. Ideal for knocking door glass from the lower channel. Made of a tough, rigid fiber material. Minimum order is one each.

CAT. NO. F102

All Automotive Hand Tools can be combined for quantity pricing.

Marson is a registered trademark of Alcoa, Inc.

CRL Windshield Stick Setting Tools



CAT. NO. CRL216
Tapered on Both Ends
Overall Length: 7-7/8" (200 mm). Minimum order: 1 each



CAT. NO. CRL220
Chisel Tip on One End, Tapered Tip on the Other
Overall Length: 7-7/8" (200 mm). Minimum order: 1 each

CRL Window Molding Clip Tool



- For Molding Clips and Gasket Set Glass

One end of the CRL Window Molding Clip Tool spreads rubber zipper-type gaskets, the other end removes molding clips. Minimum order is one each.

CAT. NO. KD2037

CRL Windshield Stick Holder

- Comfortable Grip for CRL216 and CRL220 Windshield Sticks

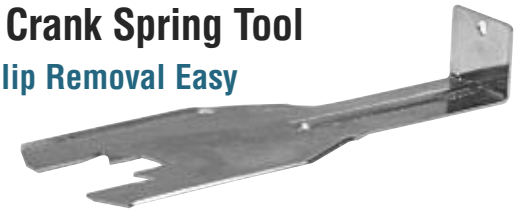


CAT. NO. CRL216HWS
Stick Handle with one CRL220 Stick
Minimum order: 1 each

CAT. NO. CRL216H
Stick Handle Only
Minimum order: 1 each

CRL Door Handle and Window Crank Spring Tool

- Makes Clip Removal Easy

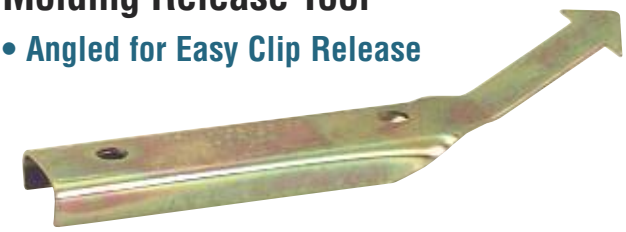


The most widely used tool for removal of inside handles is our CRL Door Handle and Window Crank Spring Tool. Fits GM, Ford, and most American Motors products from 1962-on. Spring remains on handle. Use reverse end of tool to remove door panels. Minimum order is one each.

CAT. NO. CP26

CRL Universal Auto Glass Molding Release Tool

- Angled for Easy Clip Release



Made from tempered high carbon steel, the CRL Universal Auto Glass Molding Release Tool is used to remove trim moldings. It is our most popular molding release tool. Available in standard and heavy-duty models.

CAT. NO.	DESCRIPTION
MR215	Standard Release Tool
MR215EXP	Heavy-Duty Release Tool

Minimum order: 1 each.

CRL Windshield Molding and Door Clip Release Tool



- Releases Clips on Chrome Moldings
- Designed to Protect Against Molding Damage

This CRL Door Clip and Windshield Molding Release Tool releases clips on chrome windshield moldings. The offset handle allows for easy access. This tool also works on spring retention clips on door handles. Slips under door handle without damage to the door panel material. Minimum order is one each.

CAT. NO. L35200

CRL Folding Work Seat

- Heavy Canvas Seat and Tubular Legs
- Folds for Easy Storage

MORE INFORMATION crlaurence.com

- Adjustable Carrying Strap
- 16" (406 mm) High When Assembled

All Automotive Hand Tools can be combined for quantity pricing.



CAT. NO. CRL197
Minimum order is one each

CRL Clip-Zip Trim Fastener Tool



MORE CHOICES crlaurence.com

- Squeezes Trim Fasteners Out
- Helps Prevent Panel Fasteners From Tearing Interior Panels

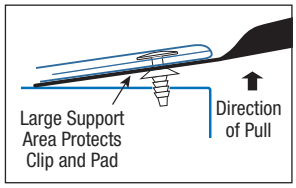
The CRL Clip-Zip Tool makes the frustrating job of trim fastener removal simple. Slide the fork under the fastener head and squeeze the handles. Fastener pops out without damage to panel or trim molding. Use to remove hood insulation, door trim, wire harnesses, headliner fasteners and more. Made of high-carbon steel and heat treated for strength. Zinc coated for corrosion protection. The more you use it, the more uses you'll find for it. Minimum order is one each.

CAT. NO. CZ326

CRL Door Panel Removal Tool



- Removes Plastic Door Panel Fasteners Without Breakage



The CRL Door Panel Removal Tool makes access to the door glass easier. Place the tool under the edge of the door panel, insert tool under the fastener as far as possible, and then simply pry up. Rugged tool with a large comfortable handle. Minimum order is one each.

CAT. NO. L35400

CRL 10-in-1 Universal Trim Tool



MORE INFORMATION crlaurence.com

- 10 Tools in One Handy, Easy-to-Use Tool

The 10-in-1 Universal Trim Tool is a must for every auto glass installer. This handy tool does many of the jobs you normally have to do with a variety of other more expensive tools. It's made of tempered spring steel and is comfortable to hold. Why pay for an assortment of specialty tools, and then try to keep track of them, when the 10-in-1 Universal Trim Tool will do it all? Minimum order is one each.

CAT. NO. 21510T

CRL Plastic Trim Fastener Removal Tool



- For Plastic Door Panel Trim Fasteners
- Sliding Button for Extra Leverage



The CRL Plastic Fastener Removal Tool quickly removes various types of plastic fasteners. The tool is equipped with a sliding urethane button for use when extra leverage is required. Minimum order is one each.

CAT. NO. L35260

All Automotive Hand Tools can be combined for quantity pricing.

CRL Deluxe Clinch-Fast Kit

MORE INFORMATION crlaurence.com

- Cost Effective Repair System Converts Vise Grip Pliers Into a Snap Fastener Installation Tool
- A Must for Every Upholstery Shop

The CRL Deluxe Clinch-Fast Kit provides an easy remedy to broken or missing snap fasteners by converting the included 10" Vise Grip Pliers into a snap fastener repair tool. The Clincher and Anvil slide over the jaws of the pliers and provide the base to hold and flare the eyelet stems.

This Kit includes a special 3-piece hole punch set, over 330 assorted fasteners, and 10" Vise Grip Pliers in a plastic carrying case. It has everything you need to clinch snaps, buttons, grommets, rivets, center punch, countersink and clamp soft, fragile plated or painted materials. Minimum order is one each.



CAT. NO. T54HD

CRL Button and Socket Fastening Kit



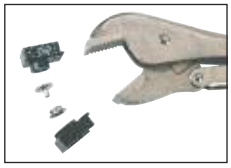


CAT. NO. TS11K

This CRL Button and Socket Fastening Kit provides an easy remedy to broken or missing snap fasteners. The CRL Button and Socket Fastening Kit converts your Vise Grip Pliers into a snap fastener repair tool. The Clincher and Anvil slide over the jaws of the pliers and provide the base to hold and flare the eyelet stems. The Kit contains the following pieces: six AV7677 Buttons, six AV7678 Snap Sockets, one Anvil, and one Clincher. Vise Grips not included. Minimum order is one each.

CRL Stud and Eyelet Fastening Kit





CAT. NO. TS12K

This CRL Stud and Eyelet Fastening Kit provides an easy remedy to broken or missing snap fasteners. The CRL Stud and Eyelet Fastening Kit converts your Vise Grip Pliers into a snap fastener repair tool. The Clincher and Anvil slide over the jaws of the pliers and provide the base to hold and flare the eyelet stems. The Kit contains the following pieces: six AV7679 Eyelet Studs, six AV7682 Eyelets, one Anvil, and one Clincher. Vise Grips not included. Minimum order is one each.

CRL Upholstery Fasteners

- For Use With Our TS11K or TS12K CRL Upholstery Fastening Kits
- 1 Box Minimum Order

All boxes of Upholstery Fasteners can be combined for quantity pricing.

CRL Nickel on Brass Socket



CAT. NO. AV7678
9/16" (14.3 mm) Diameter
Qty/Box 100

CRL Nickel on Brass Button



CAT. NO. AV7677
5/8" (15.9 mm) Diameter
Qty/Box 100

CRL Nickel on Brass Stud (Clinch Type)



CAT. NO. AV7679
9/16" (14.3 mm) Diameter
Qty/Box 100

CRL Nickel on Brass Eyelet



CAT. NO. AV7682
9/16" (14.3 mm) Diameter
Qty/Box 100

CRL Specialty Screws

- 100 Per Box
- 1 Box Minimum Order

MORE CHOICES crlaurence.com

All Boxes of Automotive Fasteners can be combined for quantity pricing.

Reveal Molding Screw



CAT. NO. CP754194
Attaching Screw with Sealer
Windshield and Rear Window Reveal Molding 8 x 3/8" (9.5 mm) Oval Head Phillips Ford, GM, Chrysler

Countersunk Washer Tek® Screws



CAT. NO. AV11450
8 x 3/4" (19 mm) Oval Head Phillips
Countersunk Washer Chrome



CAT. NO. AV11455
8 x 3/4" (19 mm) Oval Head Phillips
Countersunk Washer Black

T-Stud Screw



CAT. NO. CP683163
Screw-In Stud Replaces Weld-On Stud
4 x 3/8" (9.5 mm) Flat Head Philips

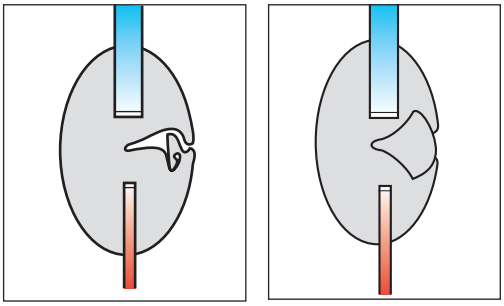
TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

Fabricate Your Own Windows with CRL Self-Sealing Weatherstrip

- **One-Piece and Two-Piece Rubber Weatherstrips Offer Flexibility of Design**
- **Perfect for a Multitude of Custom Window Applications**
- **Provides an Excellent Weatherseal**

CRL Rubber Weatherstrip gives you a weatherproof, vibration dampening, energy absorbing method of joining glass, metal, and plastic in a variety of combinations. It's the easiest rubber gasket installation ever developed. No special skill is needed. CRL Rubber Weatherstrip is extruded in many sizes, in one-piece and two-piece designs. Fits glass panel thicknesses from 1/8" to 1/4" (3 mm to 6 mm), and body panel thicknesses from 1/32" to 25/32" (.8 mm to 19 mm). CRL Rubber Weatherstrip retains its shape, and will hold both glass and body panel tightly.



One-Piece Two-Piece



VANS, CAMPERS, AND RV'S: With CRL Rubber Weatherstrip you can easily add windows to flat surfaces on vans, campers, and all types of recreational vehicles. Meets federal push-out requirements.



BIG RIGS: One of the many uses of CRL Rubber Weatherstrip is as a windshield seal on big rig tractors. It offers quick, easy and vibration-proof installations of new or re-glazed windows.



CONSTRUCTION EQUIPMENT: Add windows or re-glaze broken ones on all types of heavy-duty construction vehicles and equipment. No need to track down the original manufacturer's gasket. CRL Rubber Weatherstrip can do the job!



MARINE: Portholes or cabin windows need to be replaced? CRL Rubber Weatherstrip can stand up to the rigors of marine applications. Irregular shapes are no problem, as radiuses as small as 1-1/4" (32 mm) can be accommodated.

Fabricate Your Own Sliding Windows

- **Make Your Own Custom Sliding Glass Window Assemblies**
- **Perfect for Trucks, Trailers, Tractors, and RV's**
- **Completely Weatherproof and Rattle Free**

Cat. No. AS1656 is the main Gasket used for mounting glass in the body opening. It will hold to the body panel without screws.

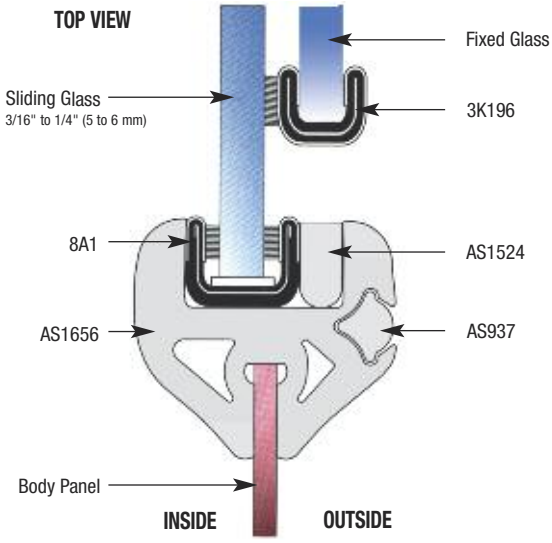
Cat. No. AS937 is the Locking Strip used to lock the main Gasket to the body.

Cat. No. AS1524 is a solid rubber Spacer used to fill the gap between the glass run channel where there is no fixed glass.

Cat. No. 8A1 Sliding Glass Channel is placed in the Gasket and used for the sliding glass panel. 96" lengths: **Cat. No. 8A196**; 60" lengths: **Cat. No. 8A160**.

Cat. No. 3K196 Glass Edge Weatherstrip mounts on the edge of the fixed glass. This channel seals the space between the two glass panels.

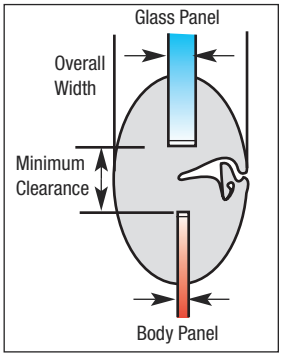
Glass - Use tempered glass 3/16" to 1/4" (5 to 6 mm) thick.



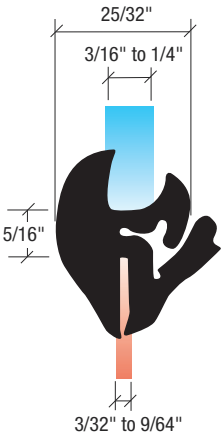
CRL One-Piece Self-Sealing Weatherstrip

- **Available for Glass Panels From 1/8" to 1/4" Thick**
- **Sizes for Body Panels From 1/32" to 3/4" Thick**
- **No Need for a Separate Locking Strip**

MORE INFORMATION crlaurence.com



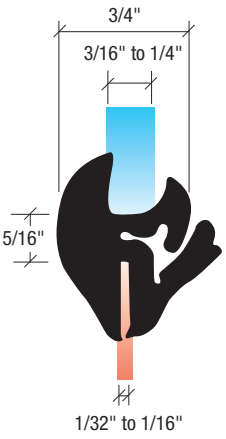
CRL One-Piece Self-Sealing Weatherstrips are perfect for use on older trucks, off road construction equipment, or farm equipment. CRL has Self-Sealing Weatherstrip in a variety of sizes, so you're assured of finding exactly what you need to perform the best gasket set installation possible. CRL Self-Sealing Weatherstrips are produced from EPDM anti-oxidizing black rubber. This durable material - a terpolymer made from Ethylene, Propylene, and Diene Monomers - is stain, tear, and weather resistant. Inherently impervious to ozone, EPDM has superior resistance to degradation by ultraviolet radiation, and is resistant to both high and low temperature extremes. This makes it ideally suited for outdoor use, and the perfect material for our Self-Sealing Weatherstrips. All sizes are sold in 50 foot (15.2 m) rolls, unless otherwise noted.



Glass Panel Thickness
3/16" - 1/4"
(5 mm - 6 mm)
Body Panel Thickness
3/32" - 9/64"
(2.4 mm - 3.6 mm)
Minimum Clearance
5/16"
(8 mm)

Overall Width
25/32"
(19.8 mm)
Minimum Radius
2-1/2"
(63.5 mm)

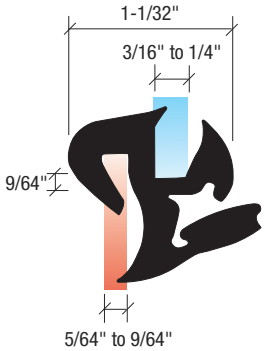
CAT. NO. AS987
50 Feet (15.2 m) Per Roll.
Minimum order is one roll



Glass Panel Thickness
3/16" - 1/4"
(5 mm - 6 mm)
Body Panel Thickness
1/32" - 1/16"
(.8 mm - 1.6 mm)
Minimum Clearance
5/16"
(8 mm)

Overall Width
3/4"
(19 mm)
Minimum Radius
2-1/2"
(63.5 mm)

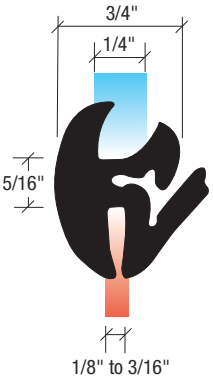
CAT. NO. AS1522
50 Feet (15.2 m) Per Roll.
Minimum order is one roll



Glass Panel Thickness
3/16" - 1/4"
(5 mm - 6 mm)
Body Panel Thickness
5/64" - 9/64"
(1.9 mm - 3.6 mm)
Minimum Clearance*
9/64" MAX.
(3.6 mm)

Overall Width
1-1/32"
(26.2 mm)
Minimum Radius
2"
(51 mm)
*On "S" Type Rubber the maximum overlap of glass and body is shown

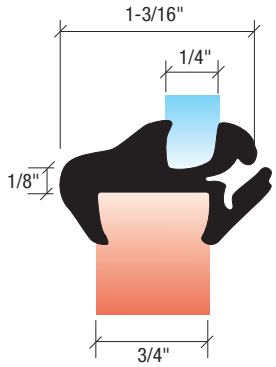
CAT. NO. AS1660
50 Feet (15.2 m) Per Roll.
Minimum order is one roll



Glass Panel Thickness
1/4"
(6 mm)
Body Panel Thickness
1/8" - 3/16"
(3 mm - 5 mm)
Minimum Clearance
5/16"
(8 mm)

Overall Width
3/4"
(19 mm)
Minimum Radius
2-1/2"
(63.5 mm)

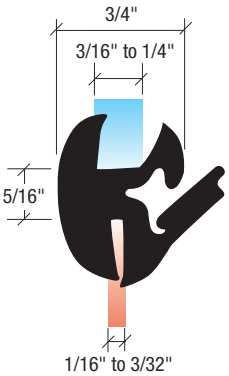
CAT. NO. 10248
50 Feet (15.2 m) Per Roll.
Minimum order is one roll



Glass Panel Thickness
1/4"
(6 mm)
Body Panel Thickness
3/4"
(19 mm)
Minimum Clearance
1/8"
(3.2 mm)

Overall Width
1-3/16"
(30 mm)
Minimum Radius
2-1/2"
(63.5 mm)

CAT. NO. 10249
12 Feet (3.6 m) Per Roll.
Minimum order is one roll



Glass Panel Thickness
3/16" - 1/4"
(5 mm - 6 mm)
Body Panel Thickness
1/16" - 3/32"
(1.6 mm - 2.4 mm)
Minimum Clearance
5/16"
(8 mm)

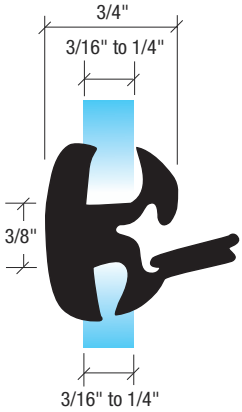
Overall Width
3/4"
(19 mm)
Minimum Radius
2"
(51 mm)

CAT. NO. AS1615
50 Feet (15.2 m) Per Roll.
Minimum order is one roll

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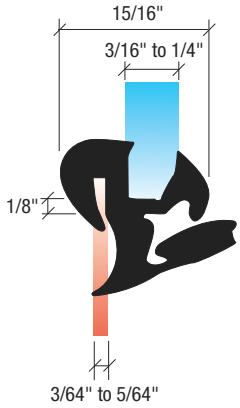
MORE CHOICES crlaurence.com



Glass Panel Thickness*
3/16" - 1/4"
(5 mm - 6 mm)
* Used as a Division Bar between two glass panels
Minimum Clearance
3/8"
(10 mm)

Overall Width
3/4"
(19 mm)
Minimum Radius
3"
(76.2 mm)

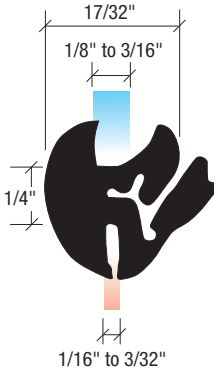
CAT. NO. AS1536
50 Feet (15.2 m) Per Roll.
Minimum order is one roll



Glass Panel Thickness
3/16" - 1/4"
(5 mm - 6 mm)
Body Panel Thickness
3/64" - 5/64"
(1.2 mm - 1.9 mm)
Minimum Clearance*
1/8" Max.
(3 mm)

Overall Width
15/16"
(23.8 mm)
Minimum Radius
2"
(51 mm)
*On "S" Type Rubber the maximum overlap of glass and body is shown.

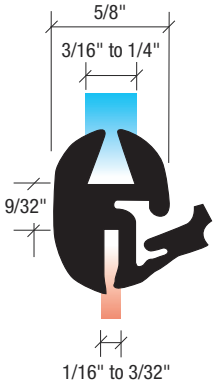
CAT. NO. AS1621
50 Feet (15.2 m) Per Roll.
Minimum order is one roll



Glass Panel Thickness
1/8" - 3/16"
(3 mm - 5 mm)
Body Panel Thickness
1/16" - 3/32"
(1.6 mm - 2.4 mm)
Minimum Clearance
1/4"
(6 mm)

Overall Width
17/32"
(13.5 mm)
Minimum Radius
1-1/4"
(31.8 mm)

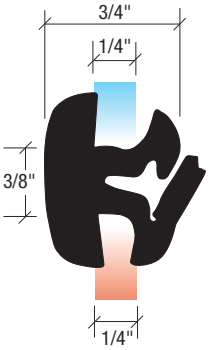
CAT. NO. 10252
50 Feet (15.2 m) Per Roll.
Minimum order is one roll



Glass Panel Thickness
3/16" - 1/4"
(5 mm - 6 mm)
Body Panel Thickness
1/16" - 3/32"
(1.6 mm - 2.4 mm)
Minimum Clearance
9/32"
(7.1 mm)

Overall Width
5/8"
(16 mm)
Minimum Radius
2-1/2"
(63.5 mm)

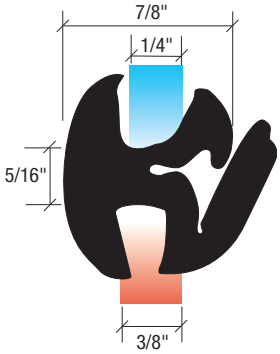
CAT. NO. AS893
50 Feet (15.2 m) Per Roll.
Minimum order is one roll



Glass Panel Thickness
1/4"
(6 mm)
Body Panel Thickness
1/4"
(6 mm)
Minimum Clearance
3/8"
(10 mm)

Overall Width
3/4"
(19 mm)
Minimum Radius
2-1/4"
(57 mm)

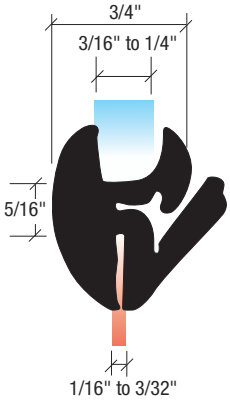
CAT. NO. 10251
50 Feet (15.2 m) Per Roll.
Minimum order is one roll



Glass Panel Thickness
1/4"
(6 mm)
Body Panel Thickness
3/8"
(10 mm)
Minimum Clearance
5/16"
(8 mm)

Overall Width
7/8"
(22.2 mm)
Minimum Radius
4"
(102 mm)

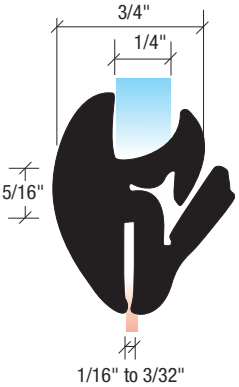
CAT. NO. 10276
12 Feet (3.6 m) Per Roll.
Minimum order is one roll



Glass Panel Thickness
3/16" - 1/4"
(5 mm - 6 mm)
Body Panel Thickness
1/16" - 3/32"
(1.6 mm - 2.4 mm)
Minimum Clearance
5/16"
(8 mm)

Overall Width
3/4"
(19 mm)
Minimum Radius
2"
(51 mm)

CAT. NO. 10254
50 Feet (15.2 m) Per Roll.
Minimum order is one roll



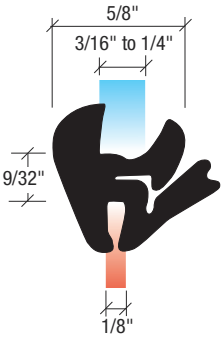
Glass Panel Thickness
1/4"
(6 mm)
Body Panel Thickness
1/16" - 3/32"
(1.6 mm - 2.4 mm)
Minimum Clearance
5/16"
(8 mm)

Overall Width
3/4"
(19 mm)
Minimum Radius
2-1/2"
(63.5 mm)

CAT. NO. 10231
50 Feet (15.2 m) Per Roll.
Minimum order is one roll

CRL One-Piece Self-Sealing Weatherstrip

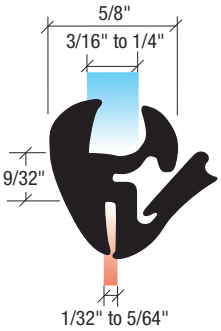
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Glass Panel Thickness
3/16" - 1/4"
(5 mm - 6 mm)
Body Panel Thickness
1/8"
(3 mm)
Minimum Clearance
9/32"
(7.1 mm)

Overall Width
5/8"
(16 mm)
Minimum Radius
2"
(51 mm)

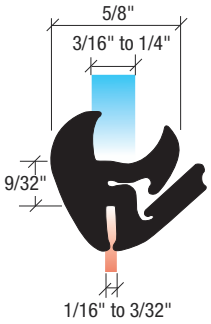
CAT. NO. 10262
50 Feet (15.2 m) Per Roll.
Minimum order is one roll



Glass Panel Thickness
3/16" - 1/4"
(5 mm - 6 mm)
Body Panel Thickness
1/32" - 5/64"
(.8 mm - 1.9 mm)
Minimum Clearance
9/32"
(7.1 mm)

Overall Width
5/8"
(16 mm)
Minimum Radius
1-1/2"
(38 mm)

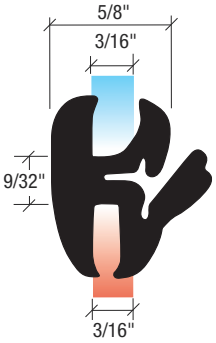
CAT. NO. AS990
50 Feet (15.2 m) Per Roll.
Minimum order is one roll



Glass Panel Thickness
3/16" - 1/4"
(5 mm - 6 mm)
Body Panel Thickness
1/16" - 3/32"
(1.6 mm - 2.4 mm)
Minimum Clearance
9/32"
(7.1 mm)

Overall Width
5/8"
(16 mm)
Minimum Radius
1-1/2"
(38 mm)

CAT. NO. 10232
50 Feet (15.2 m) Per Roll.
Minimum order is one roll



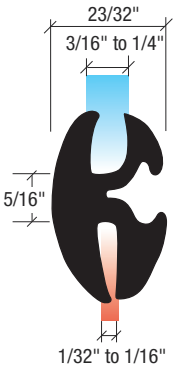
Glass Panel Thickness
3/16"
(5 mm)
Body Panel Thickness
3/16"
(5 mm)
Minimum Clearance
9/32"
(7.1 mm)

Overall Width
5/8"
(16 mm)
Minimum Radius
2-1/2"
(63.5 mm)

CAT. NO. 10257
50 Feet (15.2 m) Per Roll.
Minimum order is one roll

CRL Two-Piece Weatherstrips

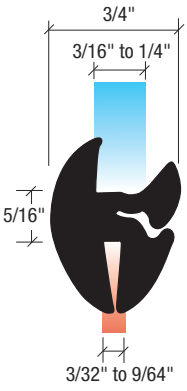
- **CRL's Complete Line of Weatherstrips Allow You to Install Glass in a Variety of Applications**
- **Tight Fitting and Easy-to-Install Design Provides an Efficient Weather Seal**



Glass Panel Thickness
3/16" - 1/4"
(5 mm - 6 mm)
Body Panel Thickness
1/32" - 1/16"
(.8 mm - 1.6 mm)
Minimum Clearance
5/16"
(8 mm)
Overall Width
23/32"
(18.3 mm)

Minimum Radius
2-1/2"
(63.5 mm)
Locking Strip
Cat. No. AS937
Locking Strip Tool
Cat. No. CP772095
or CP293

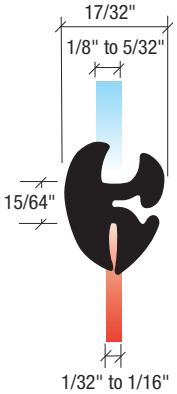
CAT. NO. AS1216
50 Feet (15.2 m) Per Roll.
Minimum order is one roll



Glass Panel Thickness
3/16" - 1/4"
(5 mm - 6 mm)
Body Panel Thickness
3/32" - 9/64"
(2.4 mm - 3.6 mm)
Minimum Clearance
5/16"
(8 mm)
Overall Width
3/4"
(19 mm)

Minimum Radius
2-1/2"
(63.5 mm)
Locking Strip
Cat. No. AS937
Locking Strip Tool
Cat. No. CP772095
or CP293

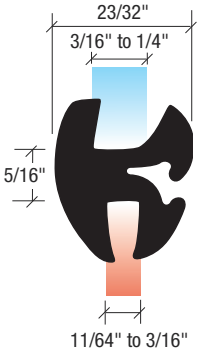
CAT. NO. AS1179
50 Feet (15.2 m) Per Roll.
Minimum order is one roll



Glass Panel Thickness
1/8" - 5/32"
(3.2 mm - 4 mm)
Body Panel Thickness
1/32" - 1/16"
(.8 mm - 1.6 mm)
Minimum Clearance
15/64"
(6 mm)
Overall Width
17/32"
(13.5 mm)

Minimum Radius
2"
(51 mm)
Locking Strip
Cat. No. AS1101
Locking Strip Tool
Cat. No. CP221

CAT. NO. AS1475
50 Feet (15.2 m) Per Roll.
Minimum order is one roll



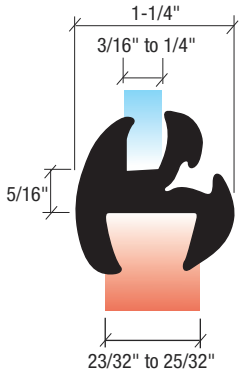
Glass Panel Thickness
3/16" - 1/4"
(5 mm - 6 mm)
Body Panel Thickness
11/64" - 3/16"
(4.4 mm - 5 mm)
Minimum Clearance
5/16"
(8 mm)
Overall Width
23/32"
(18.3 mm)

Minimum Radius
2-1/2"
(63.5 mm)
Locking Strip
Cat. No. AS937
Locking Strip Tool
Cat. No. CP772095
or CP293

CAT. NO. AS1456
50 Feet (15.2 m) Per Roll.
Minimum order is one roll

CRL Two-Piece Weatherstrips

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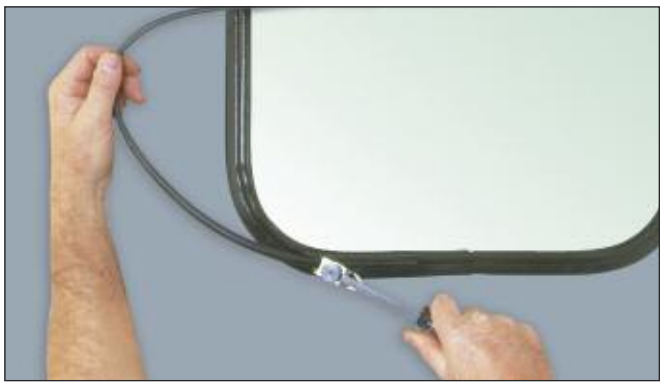


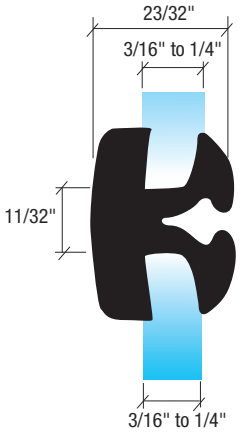
Glass Panel Thickness
3/16" - 1/4"
(5 mm - 6 mm)
Body Panel Thickness
23/32" - 25/32"
(18.3 mm - 19.8 mm)
Minimum Clearance
5/16"
(8 mm)
Overall Width
1-1/4"
(31.7 mm)

Minimum Radius
3"
(76.2 mm)
Locking Strip
Cat. No. AS937
Locking Strip Tool
Cat. No. CP772095
or CP293

CAT. NO. AS1706

50 Feet (15.2 m) Per Roll.
Minimum order is one roll



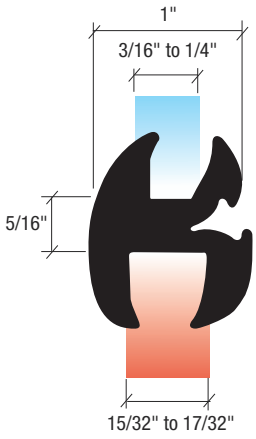


Glass Panel Thickness*
3/16" - 1/4"
(5 mm - 6 mm)
* Used as a Division Bar
between two glass panels
Minimum Clearance
11/32"
(8.7 mm)
Overall Width
23/32"
(18.3 mm)

Minimum Radius
3"
(76.2 mm)
Locking Strip
Cat. No. AS937
Locking Strip Tool
Cat. No. CP772095
or CP293

CAT. NO. AS1488

50 Feet (15.2 m) Per Roll.
Minimum order is one roll

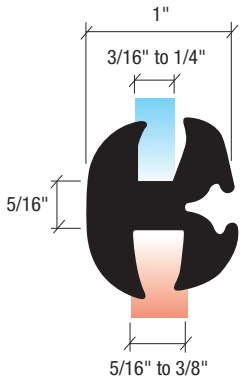


Glass Panel Thickness
3/16" - 1/4"
(5 mm - 6 mm)
Body Panel Thickness
15/32" - 17/32"
(11.9 mm - 13.5 mm)
Minimum Clearance
5/16"
(8 mm)
Overall Width
1"
(25.4 mm)

Minimum Radius
2-1/2"
(63.5 mm)
Locking Strip
Cat. No. AS937
Locking Strip Tool
Cat. No. CP772095
or CP293

CAT. NO. AS1707

50 Feet (15.2 m) Per Roll.
Minimum order is one roll

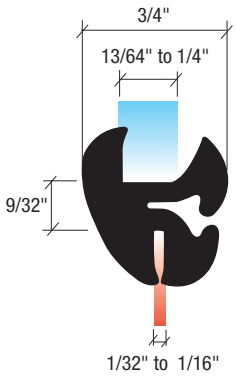


Glass Panel Thickness
3/16" - 1/4"
(5 mm - 6 mm)
Body Panel Thickness
5/16" - 3/8"
(8 mm - 10 mm)
Minimum Clearance
5/16"
(8 mm)
Overall Width
1"
(25.4 mm)

Minimum Radius
2-1/2"
(63.5 mm)
Locking Strip
Cat. No. AS937
Locking Strip Tool
Cat. No. CP772095
or CP293

CAT. NO. AS1708

50 Feet (15.2 m) Per Roll.
Minimum order is one roll

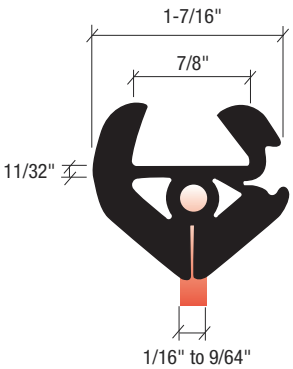


Glass Panel Thickness
13/64" - 1/4"
(5.2 mm - 6 mm)
Body Panel Thickness
1/32" - 1/16"
(.8 mm - 1.6 mm)
Minimum Clearance
9/32"
(7.1 mm)
Overall Width
3/4"
(19 mm)

Minimum Radius
2"
(51 mm)
Locking Strip
Cat. No. AS937
Locking Strip Tool
Cat. No. CP772095
or CP293

CAT. NO. AS1035

50 Feet (15.2 m) Per Roll.
Minimum order is one roll



Glass Panel Thickness
7/8" (22 mm)
with channel
Body Panel Thickness
1/16" - 9/64"
(1.6 mm - 3.6 mm)
Minimum Clearance
11/32"
(8.7 mm)
Overall Width
1-7/16"
(36.3 mm)

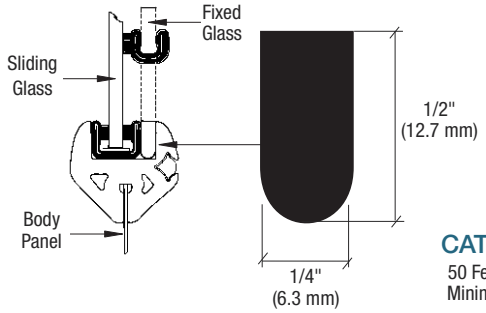
Minimum Radius
4"
(102 mm)
Locking Strip
Cat. No. AS937
Locking Strip Tool
Cat. No. CP772095
or CP293

CAT. NO. AS1656

50 Feet (15.2 m) Per Roll.
Minimum order is one roll

CRL Rubber Spacer

For Use With Cat. No. AS1656 Two-Piece Weatherstrip



CAT. NO. AS1524

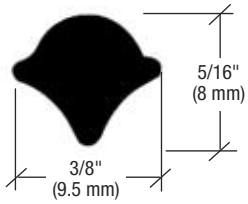
50 Feet (15.2 m) Per Roll.
Minimum order is one roll

CRL Locking Strip for Two-Piece Weatherstrip

See pages AU051-AU054 for Locking Strip Tools

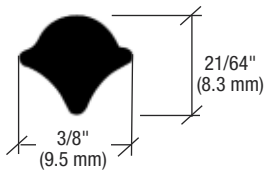
MORE INFORMATION crlaurence.com

- **Install With Cat. No. CP772095, CP293, CP303 or CP304 Tools**



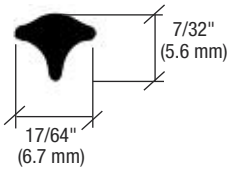
CAT. NO. AS937
50 Feet (15.2 m) Per Roll
Minimum order is one roll.

- **Install With Cat. No. CP221 or DT110 Tools**



CAT. NO. AS789
50 Feet (15.2 m) Per Roll
Minimum order is one roll.

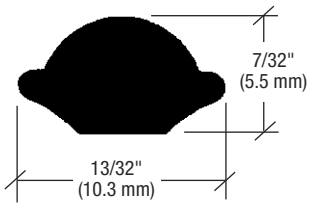
- **Install With Cat. No. CP663057 Tool**



CAT. NO. AS1101
50 Feet (15.2 m) Per Roll
Minimum order is one roll.

CRL Locking Strip

- **Chrome Locking Strip for Ford Two-Piece Weatherstrip**
- **Install With Cat. No. CP293, CP303 or CP304 Tools**

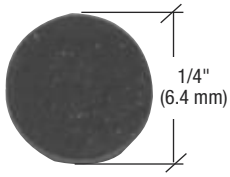


CAT. NO.	ROLL SIZE
713080	50 Feet (15.2 m)
75000723	200 Feet (61 m)

Minimum order is one roll.

CRL Locking Strip

- **Round Locking Strip for 1969+ Dodge Truck and Van Windshield Weatherstrip**
- **Install With Cat. No. CP772100 Tool**



CAT. NO.	ROLL SIZE
WLS900	16.75 Feet (5.1 m)
14RD	100 Feet (30.4 m)

Minimum order is one roll.

CRL Locking Strip

- **Black Locking Strip for 1973+ Chevy/GMC Truck and Blazer Windshield Weatherstrip**
- **Install With Cat. No. CP732085 Tool**



CAT. NO.	ROLL SIZE
WLS466	16 Feet (4.9 m)
WLS466R100	100 Feet (30.4 m)

Minimum order is one roll.

CRL Locking Strip

- **Chrome Locking Strip for 1973+ Chevy/GMC Truck Windshield Weatherstrip**
- **Install With Cat. No. CP732085 Tool**



CAT. NO.	ROLL SIZE
WLS848	16 Feet (4.9 m)
WLS848R100	100 Feet (30.4 m)

Minimum order is one roll.

CRL Locking Strip

- **Chrome Locking Strip for 1990-1993 Dodge Truck and Van Weatherstrip**
- **Install With Cat. No. CP842103 Tool**



CAT. NO.	ROLL SIZE
WLS913	16.75 Feet (5.1 m)

Minimum order is one roll.

CRL Adjustable Multi-Cutter

- **Makes Precise Straight or Miter Cuts**



The CRL Adjustable Multi-Cutter is great for cutting glazing vinyl and channel, rubber gaskets, PVC strips, trim molding, and weatherstrip. Marked at 135, 120, 105, 90, 75, 60 and 45 degrees. Includes one blade.

CAT. NO.	DESCRIPTION
MC80N	Adjustable Multi-Cutter Tool
MC80RB	Replacement Blades (5/Pk)

Minimum order: MC80N is 1 each, MC80RB is 1 pack.

CRL Swivel Tip Locking Strip Tool

- **Comes With Two Double-Ended Tips That Swivel 90 Degrees**

The unique design of our Swivel Tip Locking Strip Tool allows the tip to swivel 90 degrees in either direction to work where others will not. This feature provides the easiest way around corners and under roof overhangs. Just select the tip with the opening that most closely fits your locking strip and then feed into the eyelet. Minimum order is one each.



CAT. NO. L47000
Complete Swivel Tip Locking Strip Tool





CAT. NO. L47030
Replacement Dodge Tip



CAT. NO. L47040
Replacement Standard Tip

CRL Locking Strip Tools for Large Locking Strips



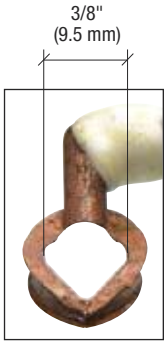
CAT. NO. CP293
Straight Tip



CAT. NO. CP303
Left Handed Tip



CAT. NO. CP304
Right Handed Tip

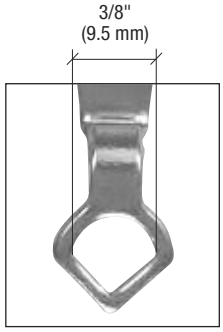


These Locking Strip Tools are used primarily for large windshield gasket locking strips found in trucks, buses, farm and off-road equipment. The tool is available in three models - straight, left, and right hand. Minimum order is one each.

CRL General Purpose Locking Strip Tool

MORE INFORMATION crlaurence.com





- **Fits Our 713080 and AS789 Locking Strips**

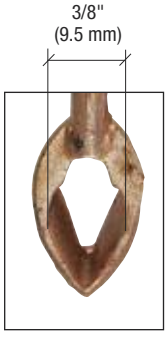
The CRL General Purpose Locking Strip Tool accommodates locking strips up to 7/16" (11 mm) in width at the widest point. All steel tool is bent for gripping comfort. Minimum order is one each.

CAT. NO. DT110

CRL Locking Strip Tool for GM, Chrysler, and Many Imports

This popular Locking Strip Tool is used with the locking strips found in many General Motors, Chrysler, and import vehicles. Minimum order is one each.

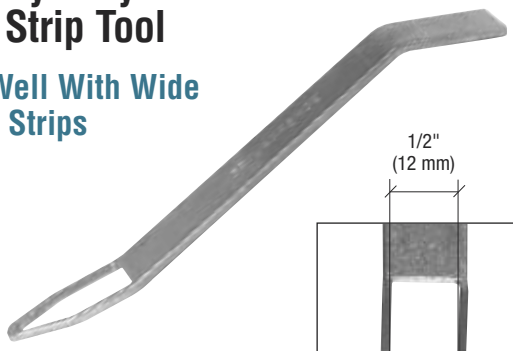


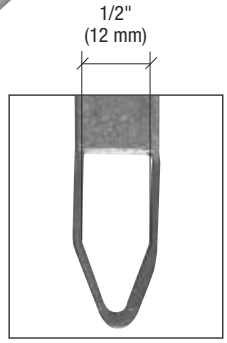


CAT. NO. CP221

CRL Heavy-Duty Stainless Steel Locking Strip Tool

- **Works Well With Wide Locking Strips**





This CRL Heavy-Duty Locking Strip Tool was designed for use with the wide locking strips used on Dodge, Ford, GM, and other trucks and vans. The tool is constructed of stainless steel to provide years of service. Minimum order is one each.

CAT. NO. LT60

All Automotive Hand Tools can be combined for quantity pricing.

CRL Small Eyed Locking Strip Tool

• Primarily Used on GMC and Chevy Trucks

The CRL Small Eyed Locking Strip Insert Tool works great for replacing gaskets on the door inspection panel on GMC and Chevrolet trucks. Minimum order is one each.



MORE CHOICES
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CAT. NO. CP663057

CRL Large Eyed Locking Strip Tool

• Fits Cat. No. AS937 Locking Strip

This CRL Locking Strip Tool was designed for use on the locking strips used in Chevrolet trucks and vans, as well as various models of International Harvester vehicles. Minimum order is one each.



CAT. NO. CP772095

CRL GM Large Eyed Locking Strip Tool

• Fits Our WLS848 and WLS466 Locking Strips

The CRL GM Large Eyed Locking Strip Tool is for use on all Chevy/GMC Trucks, full size Blazers, and Chevettes that use an inlaid rubber type locking strip, such as our WLS848 or WLS466. Minimum order is one each.

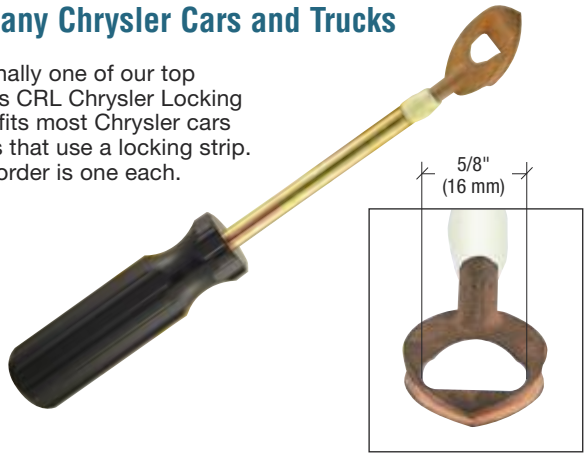


CAT. NO. CP732085

CRL Chrysler Locking Strip Tool

• Fits Many Chrysler Cars and Trucks

Traditionally one of our top sellers, this CRL Chrysler Locking Strip Tool fits most Chrysler cars and trucks that use a locking strip. Minimum order is one each.



CAT. NO. CP294

CRL Dodge Van Locking Strip Tool

• Fits Our WLS913 Locking Strip

Specially shaped eye in tool installs our Cat. No. WLS913 T-Shaped Locking Strip used in many full size Chrysler/Dodge trucks and vans. Minimum order is one each.



CAT. NO. CP842103

CRL Dodge Van Locking Strip Tool

• Fits Our 14RD and WLS900 Locking Strips

This Locking Strip Tool is designed for use on the locking strips of 1969-1993 Dodge trucks and vans. Minimum order is one each.



CAT. NO. CP772100

All Automotive Hand Tools can be combined for quantity pricing.

CRL Chrysler-Boeing Insert Tool and Accessories

- For Installing Round Insert Strips

CRL Chrysler-Boeing insert tool is used for installing round insert strips in automotive, aeronautical, and marine applications. It has a reinforced eye bend and shank for added strength and durability. The hollow inserter handle provides the user with a secure and comfortable grip, as well as allows for quick inserter and collet change.



CAT. NO.	DESCRIPTION
CB1T1	3-Piece Complete Kit
2011022	Hollow Inserter Handle
2011024	7/16" (11 mm) Eye Inserter
2011025	7/16" (11 mm) Collet

Minimum order: 1 each.

CRL 11 Piece Insert Kit for CB1T1

- Designed for Installing Rear Window Glass in Cabs, Coaches, Trailers, and Boats



CAT. NO.	DESCRIPTION
2011021	11-Piece Complete Kit
2011022	Hollow Inserter Handle
2011023	Channel Spreader Handle
2011024	7/16" (11 mm) Eye Inserter
2011025	7/16" (11 mm) Collet

CAT. NO.	DESCRIPTION
2011026	3/8" (9 mm) Eye Inserter
2011028	5/16" (8 mm) Eye Inserter
2011029	5/16" (8 mm) Collet
2011030	Large Channel Spreader Hook
2011031	Small Channel Spreader Hook

Minimum order: 1 each.

CRL Wiper Puller

- Removes Pressure-Fit Wiper Arms
- Eliminates Breakage or Damage





The CRL Wiper Puller eliminates wiper removal problems. Remove the wiper nut, slide the tool over the arm until the jaws touch the wiper post, and then turn the T-handle clockwise until the wiper arm pops from the wiper post. Minimum order is one each.

CAT. NO. L54150

CRL Windshield Wiper Arm Removal Tool



- Makes Wiper Arm Removal an Easy Job
- Works With Most Wiper Arms



This CRL Windshield Wiper Arm Removal Tool removes wiper arms without damage to the automobile's finish. Simply place the "hook" under the arm base, lift the wiper arm and tool handle together. Wiper arm lifts right off. Minimum order is one each.

CAT. NO. 65750

CRL Rope Insert Tool for Rubber Gaskets

- Makes "Roping-In" Easy
- Comfortable Grip



CRL's Rope Insert Tool inserts the rope into the groove of rubber gaskets to make the job easier than ever. The plastic handle feeds rope through its stem as you pull it around the gasket, and has enough sturdy rope to fit around even the largest backlites or rear truck sliders. Extra handy for all installers. Minimum order is one each.

CAT. NO. RT752

CRL Door Glass Window Holders

- Holds Glass Up While You Work Inside the Door





Our Door Glass Window Holders are a simple to use tool that will hold side door glass up while you work inside the door. Press cups up against one side of glass, loop over door frame and apply cups to other side. Fast and simple to install or remove. Two per set. Minimum order is one set.

CAT. NO. WH745

All Automotive Hand Tools can be combined for quantity pricing.

CRL General Purpose Gasket Installation Tool

- Also Commonly Known as a 'Hook' Tool



CAT. NO. CP253

The CRL 'Hook' Tool is the most popular tool for working with gasket set glass. Most professionals wouldn't get caught without one because it is so versatile. Not only is it great for gasket work, but you can also use it for cleaning glass chips out of gasket and door glass channels, 'unlocking' one-piece weatherstrips, or for pulling cotter pins. Minimum order is one each.

CRL Bent Point Hook Tool

- Eases Installation of Gaskets



CAT. NO. CP238

This CRL Bent Point Hook Tool is built without the traditional offset bend found in standard hook tools such as our CP253. Designed to ease the installation of rubber windshield and back glass gaskets over pinchweld in the body opening. Minimum order is one each.

CRL Self-Sealing Weatherstrip Locking Tool

- Steel Roller Reduces Friction



CAT. NO. CP228

MORE CHOICES crlaurence.com

This CRL Self-Sealing Weatherstrip Locking Tool is designed to speed closing of self-sealing windshield and back glass rubber. Steel roller rides along gasket edge to reduce friction. Minimum order is one each.

CRL Self-Sealing Weatherstrip Locking Tool

- The Most Popular Tool for One-Piece Self-Sealing Weatherstrip



LT112
Complete Locking Tool



S1
Straight Tip

H1
Handle Only

B1
Bent Tip

A special handle and insert tool for installing one-piece self-sealing weatherstrip. Also excellent for installing rubber channels with a lip. Tips and Handle can be ordered separately, or as the complete tool.

CAT. NO.	DESCRIPTION
LT112	Complete Locking Tool
H1	Handle Only
B1	Bent Tip Only
S1	Straight Tip Only

Minimum order: 1 each.

CRL Rubber Gasket Cleaning Tool

- Cleans Glass Chips From Gasket Channel



Cleaning broken glass chips from rubber gaskets has never been easy, but now it can be with the CRL Rubber Gasket Cleaning Tool. As you pull the tool through the glass channel it cleans out old glass chips and sealant in one easy motion. The tip is specially shaped so it won't tear the gasket. The large handle assures a firm grip while keeping your hands clear of the glass. Minimum order is one each.

CAT. NO. RGC751

CRL Door Glass Channel Cleaning Tool

- Extra Length Reaches Complete Channel Without Removing Panel



The extra long 24" (610 mm) reach of the CRL Door Glass Channel Cleaning Tool lets you get down into the door glass run channel to clean out broken bits and pieces of tempered glass. The hook shaped tip gets under channel lip and other places you can't normally reach and removes them without damage to the channel. Minimum order is one each.

CAT. NO. GCC506

All Automotive Hand Tools can be combined for quantity pricing.

CRL Heavy-Duty Car Protectors

- High Grade Rubber Backing
- Protects Against Drips and Scratches

Protect your customer's vehicle while replacing windshields and backlites. Spread out our CRL Heavy-Duty Car Protectors on the hood or trunk to protect against drips, scratches, and scrapes from tools or supplies. All three sizes are made with a high grade rubber backing on the special fabric to keep it from slipping. A double-stitched hem all the way around protects it from fraying. Can be rolled up for storage.



CAT. NO.	DESCRIPTION	SIZE
306	Large Protector	90" x 27" (2286 x 686 mm)
307	Standard Protector	70" x 27" (1778 x 686 mm)
308	Small Protector	54" x 30" (1372 x 762 mm)

Minimum order: 1 each.

CRL Vinyl Hood Protectors

- Washable, Non-Slip Vinyl
- Also Available With Your Company Logo

When you're working on a customer's vehicle, you don't want it damaged. These extra large 70" x 27" (1778 x 686 mm) Vinyl Hood Protectors give the hood and fender maximum protection against spills and scrapes. They are made with a rubber backing so they won't slip off while you're working. Washable vinyl material is also grease resistant. Minimum order is one each.



CAT. NO. HP5470

CUSTOM IMPRINT AVAILABLE

CRL Vinyl Hood Protectors are also available with your custom imprint. We can put your logo, phone number, or web address on each protector, and our minimum order is only 144 pieces. Choose between black or blue color material, with a white ink imprint. Maximum imprint size is 18" wide x 12" high (457 x 305 mm), and a drawing will be required with the order. For more details and pricing, please contact CRL Customer Service.

CRL Tyvek® Shoe Covers



- Made of Lightweight Tyvek® Material With PVC Sole
- Protects Your Customers Floor Mats
- One Size Fits All

Our Shoe Covers are made of lightweight Tyvek® tops with PVC soles. Tyvek® is a durable tear and puncture-resistant material that remains strong, wet or dry, and will help protect your customer's floor mats from dirt and stains that your shoes might pick up from the shop floor. Interlocking seam construction gives maximum protection from liquid penetration. One size fits all. Extra large boot covers are available on special order.

CAT. NO.	CONTENTS/PACK
1SC	10 Pair

Minimum order: 1 pack.

CRL Slip-N-Grip® Seat Covers

- Protect Your Customer's Seats for Pennies Each

MORE INFORMATION crlaurence.com

These CRL Slip-N-Grip® Seat Covers can save you the cost of cleaning soiled or urethane stained seats. Disposable CRL Slip-N-Grip® Covers have a unique two-sided design that clings to the seat without slipping, protecting the interior of your customer's vehicle. The 33" by 56" (838 by 1422 mm) size fits virtually any seat. 250 large ready-to-use covers per dispenser box.



CAT. NO.	SIZE	QTY/BOX
600088	33" x 56" (838 x 1422 mm)	250

Minimum order: 1 box.

CRL Slip-N-Grip® Value Floor Mats

- Made of Tough Plastic, Not Paper

CRL Slip-N-Grip® Floor Mats can save you the cost of cleaning soiled or urethane stained floor mats. Economical to use CRL Slip-N-Grip® Floor Mats have a two-ply design that stays put to protect the interior of your customer's vehicle. 500 mats per roll.



CAT. NO.	SIZE	QTY/ROLL
6000721	19" x 21" (482 x 533 mm)	500

Minimum order: 1 roll.

Tyvek is a registered trademark of E.I. du Pont de Nemours and Company.
Slip-N-Grip is a registered trademark of Petoskey Plastics, Inc.

CRL Trim-Seal®

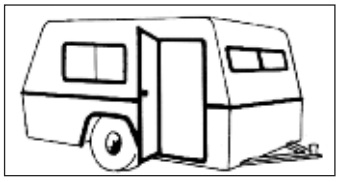
- Flexible Trim with Seal
- Applies to Flanges
- Multiple Applications

CRL Trim-Seal® is a flexible, decorative edge trim that attaches to an edge without glue or clips. CRL Trim-Seal® is made of a neoprene closed cell sponge seal which is attached to a black leather grain vinyl trim with a segmented steel core. These flexible parts push onto a metal flange to trim the interior and seal the opening.

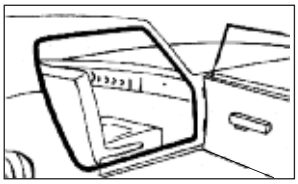
CRL Trim-Seal® will grip edges from 1/16" to 5/32" (1.6 mm to 3.97 mm) thick, and has multiple uses as a replacement seal.



MORE CHOICES crlaurence.com



Trim-Seal® is great for use on recreational vehicles and trailers as a gasket around doors and windows.



Trim-Seal® has applications in automobiles and a variety of specialty vehicles.

CRL Push-On Trim Seals Sample Chain

- Perfect for Identifying Door Trim or Bulb Seals

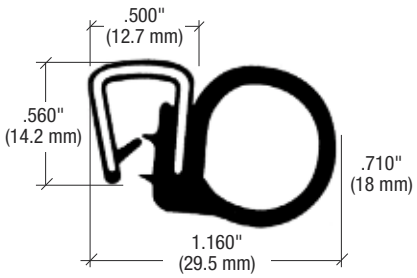


CAT. NO. 75002505

This CRL Automotive Push-On Trim Seals Chain contains 44 short sample pieces of our Automotive Bulb Seals and Door Trims. Product matching or choosing an alternative part is easy with this "hands on" sales tool. Minimum order is one each.



CRL Bulb Seal

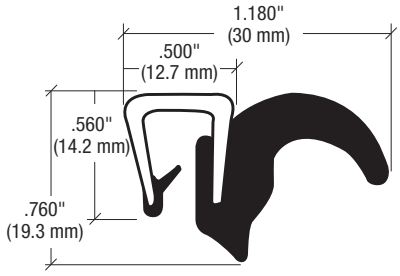


This black color, bulb-shaped neoprene closed-cell sponge seal is used for door and window openings.

CAT. NO.	FLANGE	LENGTH
ST36A	1/16" to 5/32" (1.52 to 3.6 mm)	25 Ft (7.6 m)

Minimum order: 1 roll.

CRL Lip Seal

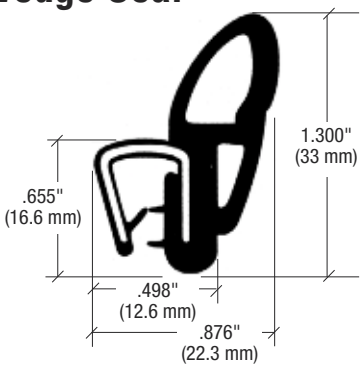


Black color, lip-shaped neoprene closed-cell sponge seal used for door and window openings.

CAT. NO.	FLANGE	LENGTH
ST12A	1/16" to 5/32" (1.52 to 3.6 mm)	25 Ft (7.6 m)

Minimum order: 1 roll.

CRL Vertical Wedge Seal



Black color, wedge-shaped seal can be used on door and trunk lip openings.

CAT. NO.	FLANGE	LENGTH
ST29A	1/16" to 5/32" (1.52 to 3.6 mm)	25 Ft (7.6 m)

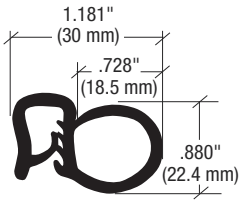
Minimum order: 1 roll.

Trim-Seal is a registered trademark of TRIM-LOK, Inc.

All Automotive Trims and Seals can be combined for quantity pricing.

CRL Bulb Seal

Black color, bulb-shaped seal for door openings. Dual durometer sponge and solid rubber with a flexible wire core.

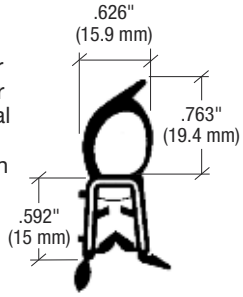


CAT. NO.	FLANGE	LENGTH
DWB111073	.060" to .140" (1.52 to 3.55 mm)	157-1/2" (4 m)

Minimum order: 1 each.

CRL Vertical Leg Seal

Black color, bulb-shaped seal for large gaps in door or trunk openings. Dual durometer sponge and solid rubber with a flexible wire core.

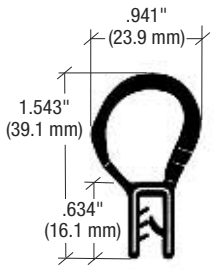


CAT. NO.	FLANGE	LENGTH
75001808	.082" to .200" (2.08 to 5.08 mm)	25 Ft (7.6 m)

Minimum order: 1 roll.

CRL Vertical Bulb Seal

Black color, bulb-shaped seal for large gaps in door or trunk openings. Dual durometer sponge and solid rubber with a flexible wire core.

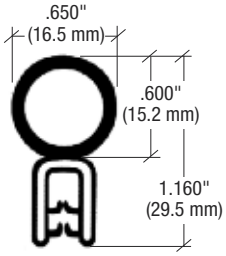


CAT. NO.	FLANGE	LENGTH
75001812	.039" to .118" (1.00 to 3.00 mm)	25 Ft (7.6 m)

Minimum order: 1 roll.

CRL Vertical Bulb Seal

Black color, bulb-shaped seal for door or trunk openings. Dual durometer sponge and solid rubber with a flexible wire core.

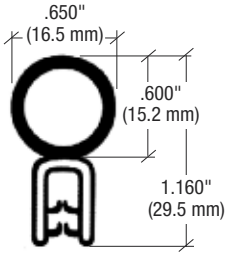


CAT. NO.	FLANGE	LENGTH
75001359	.040" to .070" (1.00 to 1.77 mm)	25 Ft (7.6 m)

Minimum order: 1 roll.

CRL Vertical Bulb Seal

Black color, bulb-shaped seal for door or trunk openings. Dual durometer sponge and solid rubber with a flexible wire core.

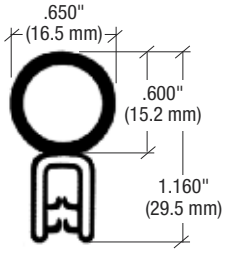


CAT. NO.	FLANGE	LENGTH
75001360	.065" to .095" (1.65 to 2.41 mm)	25 Ft (7.6 m)

Minimum order: 1 roll.

CRL Vertical Bulb Seal

Black color, bulb-shaped seal for door or trunk openings. Dual durometer sponge and solid rubber with a flexible wire core.

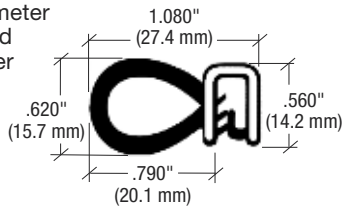


CAT. NO.	FLANGE	LENGTH
75001361	.090" to .120" (2.28 to 3.05 mm)	25 Ft (7.6 m)

Minimum order: 1 roll.

CRL Oversize Bulb Seal

Black color, bulb-shaped seal for door or trunk openings. Dual durometer sponge and solid rubber with a flexible wire core.

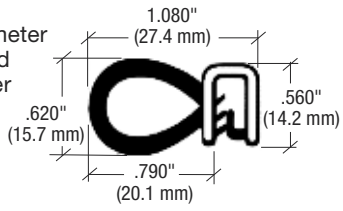


CAT. NO.	FLANGE	LENGTH
75001362	.040" to .070" (1.00 to 1.77 mm)	25 Ft (7.6 m)

Minimum order: 1 roll.

CRL Oversize Bulb Seal

Black color, bulb-shaped seal for large gaps in door or trunk openings. Dual durometer sponge and solid rubber with a flexible wire core.

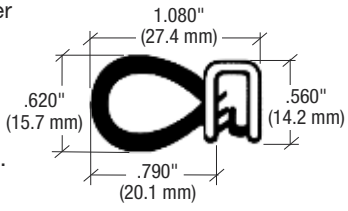


CAT. NO.	FLANGE	LENGTH
75001363	.065" to .095" (1.65 to 2.41 mm)	25 Ft (7.6 m)

Minimum order: 1 roll.

CRL Oversize Bulb Seal

Black color, bulb-shaped seal for large gaps in door or trunk openings. Dual durometer sponge and solid rubber with a flexible wire core.

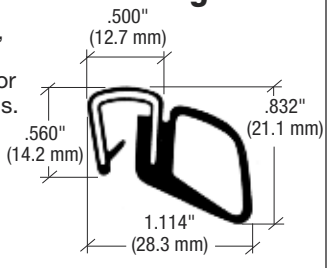


CAT. NO.	FLANGE	LENGTH
75001364	.090" to .120" (2.28 to 3.05 mm)	25 Ft (7.6 m)

Minimum order: 1 roll.

CRL Horizontal Wedge Seal

Black color, bulb-shaped seal for door or trunk openings. Vinyl and sponge rubber with a flexible segmented steel core.

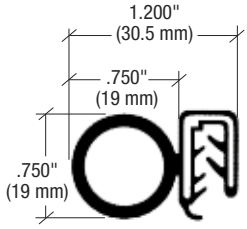


CAT. NO.	FLANGE	LENGTH
75000354	.060" to .140" (1.52 to 3.55 mm)	25 Ft (7.6 m)

Minimum order: 1 roll.

CRL Horizontal Bulb Seal

Black color, bulb-shaped seal for large gaps in door or trunk openings. Dual durometer EPDM rubber extrusion with a flexible segmented core.

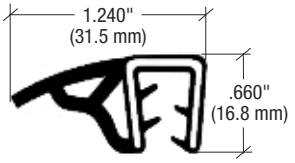


CAT. NO.	FLANGE	LENGTH
75001616	.110" to .130" (2.80 to 3.30 mm)	25 Ft (7.6 m)

Minimum order: 1 roll.

CRL Lip Trim Seal

Black color, bulb-shaped seal for large gaps in door or trunk openings. Dual durometer sponge and solid rubber with a flexible wire core.



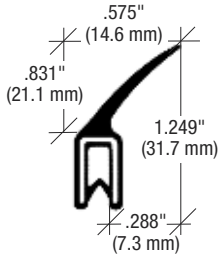
CAT. NO.	FLANGE	LENGTH
75000892	.125" to .250" (3.17 to 6.35 mm)	25 Ft (7.6 m)

Minimum order: 1 roll.

All Automotive Trims and Seals can be combined for quantity pricing.

CRL Vertical Fin Seal

Black color, fin-shaped seal for door or trunk openings. Dual durometer EPDM rubber extrusions with a flexible segmented core.

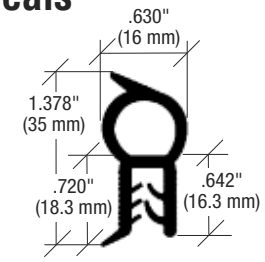


CAT. NO.	FLANGE	LENGTH
75001612	.079" to .099" (2.00 to 2.51 mm)	82 Ft (25 m)

Minimum order: 1 roll.

CRL Vertical Bulb Seal With Lip Seals

Black color, bulb-shaped seal for door or trunk openings. Dual durometer sponge and solid rubber with a flexible wire core.

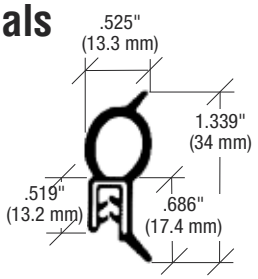


CAT. NO.	FLANGE	LENGTH
75001820	.051" to .129" (1.30 to 3.28 mm)	25 Ft (7.6 m)

Minimum order: 1 roll.

CRL Vertical Bulb Seal With Lip Seals

Black color, bulb-shaped seal for door or trunk openings. Dual durometer EPDM rubber extrusions with a flexible segmented core.

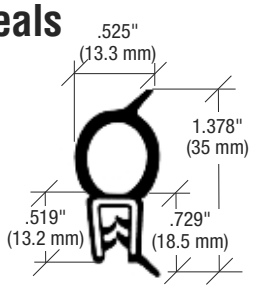


CAT. NO.	FLANGE	LENGTH
75001609	.060" to .079" (1.52 to 2.00 mm)	82 Ft (25 m)

Minimum order: 1 roll.

CRL Vertical Bulb Seal With Lip Seals

Black color, bulb-shaped seal for door or trunk openings. Dual durometer EPDM rubber extrusions with a flexible segmented core.

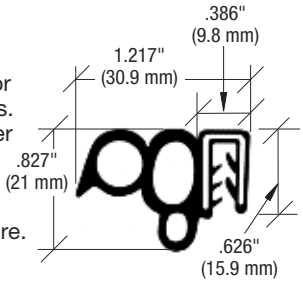


CAT. NO.	FLANGE	LENGTH
75001611	.060" to .079" (1.52 to 2.00 mm)	82 Ft (25 m)

Minimum order: 1 roll.

CRL Multi-Bulb Seal

Black color, bulb-shaped seal for door or trunk openings. Dual durometer EPDM rubber extrusions with a flexible segmented core.

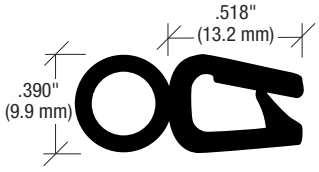


CAT. NO.	FLANGE	LENGTH
75001614	.071" to .111" (1.80 to 2.82 mm)	82 Ft (25 m)

Minimum order: 1 roll.

CRL Vertical 3/8" Bulb Seal

Black color, bulb-shaped seal for door or trunk openings. Sponge rubber with a flexible segmented steel core.

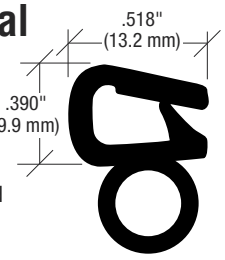


CAT. NO.	FLANGE	LENGTH
75001828	.060" to .170" (1.52 to 4.32 mm)	25 Ft (7.6 m)

Minimum order: 1 roll.

CRL Horizontal 3/8" Bulb Seal

Black color, bulb-shaped seal for door or trunk openings. Sponge rubber with a flexible segmented steel core.

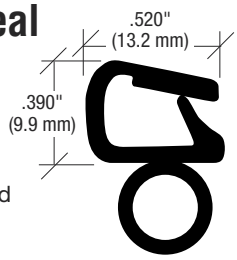


CAT. NO.	FLANGE	LENGTH
75001830	.060" to .170" (1.52 to 4.32 mm)	25 Ft (7.6 m)

Minimum order: 1 roll.

CRL Horizontal 3/8" Bulb Seal

Black color, bulb-shaped seal for door or trunk openings. Sponge rubber with a flexible segmented steel core.



CAT. NO.	FLANGE	LENGTH
75001824	.090" to .190" (2.29 to 4.82 mm)	25 Ft (7.6 m)

Minimum order: 1 roll.

CRL Quarter Window Division Bar Weatherstrips

- **GM 2 and 4-Door Hardtops '64-'69**



CAT. NO.	FLANGE	LENGTH
CP682047	Driver Side	16-1/4" (413 mm)
CP682048	Passenger Side	16-1/4" (413 mm)

Minimum order: 1 each.

All Automotive Trims and Seals can be combined for quantity pricing.

CRL Plastic Trim Snips

- **Replaceable Razor Sharp Blades**

MORE INFORMATION crlaurence.com

Plastic Trim Snips have a wide variety of uses. The 3-1/2" (89 mm) long razor sharp cutting blade is ideal for angle cutting plastic trim strips (not for cutting metal). The handle grip holds three additional replacement blades. Replacement blade pack includes three blades and one plastic anvil.

CAT. NO.	DESCRIPTION
PTS89	Trim Snips
PTS89B	Replacement Blade Pack

Minimum order: 1 each.



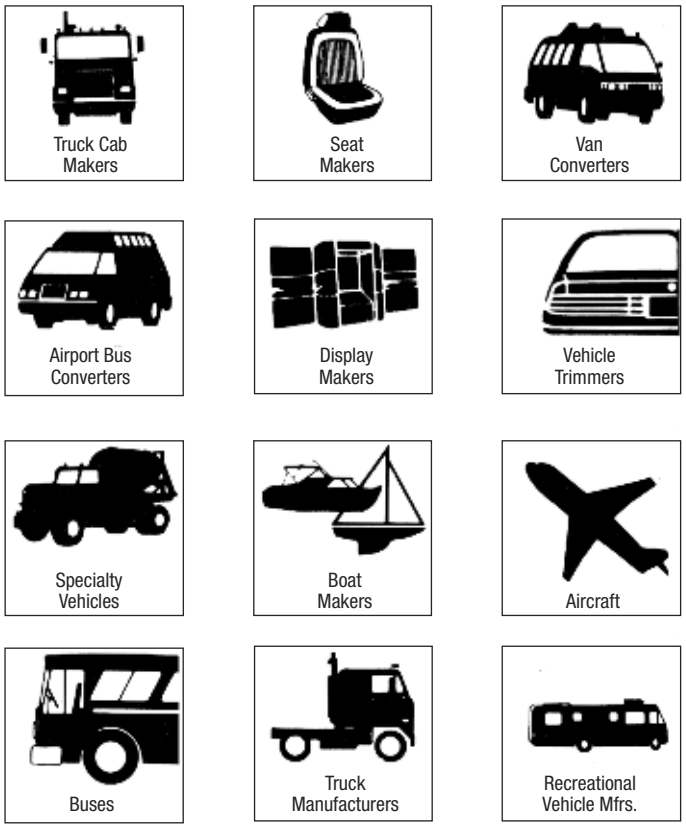
CRL QuickEdge™ Trim

- Trims and Protects Raw Edges of Glass, Metal, Fiberglass, Plastic, and Wood
- Universal Application for Vehicle, Furniture, and Display Manufacturers
- Flexible Metal Core Conforms to Curved Edges
- Just Press It On – It Stays On

CRL QuickEdge™ is a vinyl (PVC) embossed extrusion with a segmented metal core. Simply push on exposed edges of metal, fiberglass, plastic, plywood, or glass. The steel core provides the strongest and most resilient gripping power available to lock the trim in place.

CRL QuickEdge™ Trims are a flexible durometer of 65, except for Standard Double Lip Trims, which are 80 durometer hardness. They are made from environmentally safe vinyl-embossed PVC extrusions with non-cadmium stabilizers. Heat resistance to maximum 150° F (65° C) for continuous use. QuickEdge™ Trim is self-extinguishing, and passes Federal Specification FMVSS-302.

Custom Colors: QuickEdge™ is also available in white or a number of distinct colors. For pricing and availability on custom colors contact CRL Technical Sales by e-mail at crlaurence.com/support.

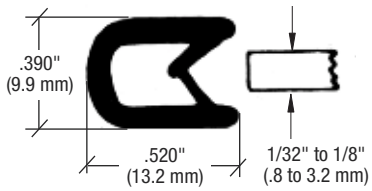


MORE CHOICES crlaurence.com



CRL Standard Double Lip QuickEdge™ Trim for 1/32" to 1/8"

Our most popular size grips edges from .032" (.8 mm) to .125" (3.2 mm) thick.

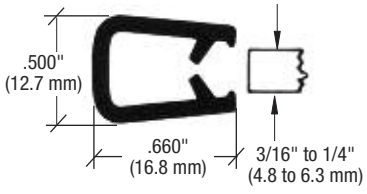


CAT. NO.	COLOR	LENGTH
75000317C	Black Sof-Tone	100 Ft (30.5 m)

Minimum order: 1 roll.

CRL QuickEdge™ Trim for 3/16" to 1/4"

Grips edges from .187" (4.8 mm) to .250" (6.3 mm) thick.

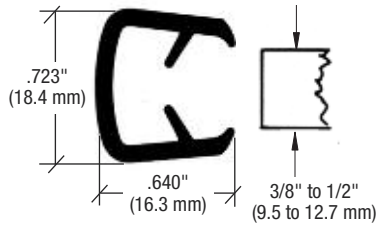


CAT. NO.	COLOR	LENGTH
75000343	Black Sof-Tone	250 Ft (76.2 m)
75343C	Black Sof-Tone	100 Ft (30.5 m)

Minimum order: 1 roll.

CRL QuickEdge™ Trim for 3/8" to 1/2"

Grips edges from .375" (9.5 mm) to .500" (12.7 mm) thick.



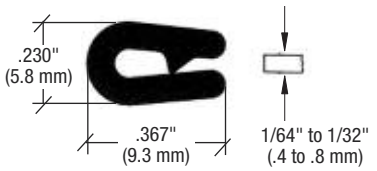
CAT. NO.	COLOR	LENGTH
75000349	Black Sof-Tone	150 Ft (45.7 m)

Minimum order: 1 roll.

CRL Mini "Minitrim"

MORE CHOICES crlaurence.com

Grips edges from .015" (.4 mm) to .031" (.8 mm) thick.

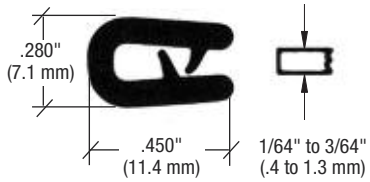


CAT. NO.	COLOR	LENGTH
75001581	Black Sof-Tone	400 Ft (121.9 m)
751581C	Black Sof-Tone	100 Ft (30.5 m)

Minimum order: 1 roll.

CRL Mini Trim for 1/32"

Grips edges from .015" (.4 mm) to .050" (1.3 mm) thick.

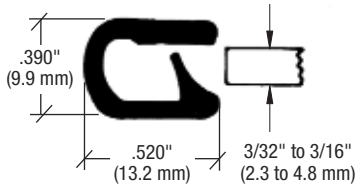


CAT. NO.	COLOR	LENGTH
75000341	Black Sof-Tone	500 Ft (152.4 m)
75341C	Black Sof-Tone	100 Ft (30.5 m)

Minimum order: 1 roll.

CRL Standard Single Lip Trim

Grips edges from .090" (2.3 mm) to .190" (4.8 mm) thick.

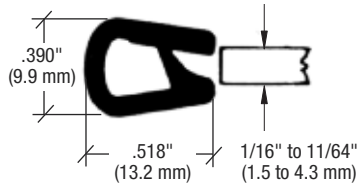


CAT. NO.	COLOR	LENGTH
75000708	Black Sof-Tone	100 Ft (30.5 m)

Minimum order: 1 roll.

CRL Pinch Top Single Lip Trim

Grips edges from .060" (1.5 mm) to .170" (4.3 mm) thick.

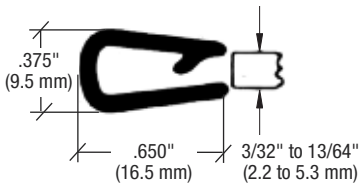


CAT. NO.	COLOR	LENGTH
75000336	Black Basketweave	400 Ft (121.9 m)
75336C	Black Basketweave	100 Ft (30.5 m)

Minimum order: 1 roll.

CRL Long Leg Single Lip Trim

Grips edges from .085" (2.2 mm) to .210" (5.3 mm) thick.

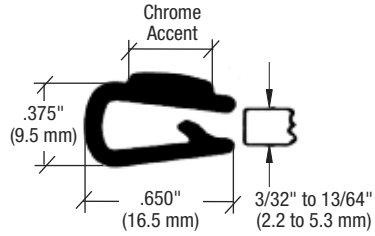


CAT. NO.	COLOR	LENGTH
75000339	Black Sof-Tone	400 Ft (121.9 m)
75339C	Black Sof-Tone	100 Ft (30.5 m)

Minimum order: 1 roll.

CRL Long Leg Trim With Chrome Accent

Grips edges from .085" (2.2 mm) to .210" (5.3 mm) thick. One leg has a chrome finish accent pad.

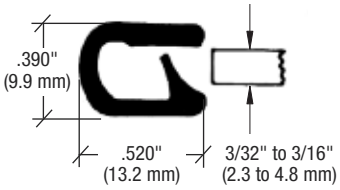


CAT. NO.	COLOR	LENGTH
75363C	Black Sof-Tone	100 Ft (30.5 m)

Minimum order: 1 roll.

CRL Safety Orange Single Lip Trim

Grips edges from .090" (2.3 mm) to .190" (4.8 mm) thick.

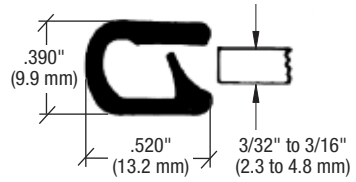


CAT. NO.	COLOR	LENGTH
75000332	Safety Orange	100 Ft (30.5 m)

Minimum order: 1 roll.

CRL Safety Yellow Single Lip Trim

Grips edges from .090" (2.3 mm) to .190" (4.8 mm) thick.



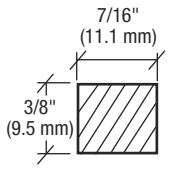
CAT. NO.	COLOR	LENGTH
75000333	Safety Yellow	100 Ft (30.5 m)

Minimum order: 1 roll.

CRL MOLDED AUTO WEATHERSTRIPS

go to:
crlaurence.com/auto-weatherstrips

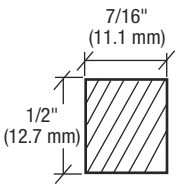
CRL Neoprene Sponge Weatherstrip With Peel-Bak® Adhesive

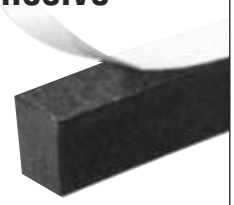




CAT. NO. AV4858
50 Ft (15.2 m) Per Roll.
Minimum order is one roll

CRL Neoprene Sponge Weatherstrip With Peel-Bak® Adhesive

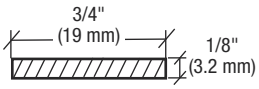


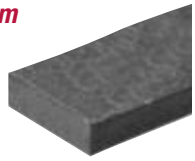


CAT. NO. AV4859
50 Ft (15.2 m) Per Roll.
Minimum order is one roll

CRL Rectangular Molded Sponge Weatherstrip

MORE CHOICES
crlaurence.com

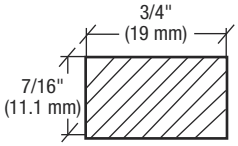


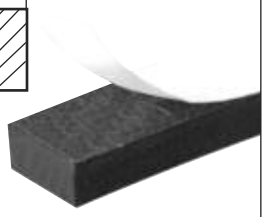


Use Cat. No. 3M8008
(see below) to adhere.

CAT. NO. AV19341
25 Ft (7.6 m) Per Roll.
Minimum order is one roll

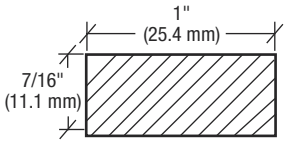
CRL Neoprene Sponge Weatherstrip With Peel-Bak® Adhesive

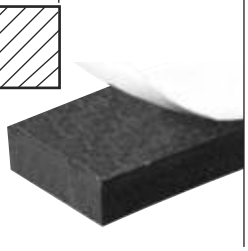




CAT. NO. AV4860
50 Ft (15.2 m) Per Roll.
Minimum order is one roll

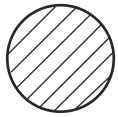
CRL Neoprene Sponge Weatherstrip With Peel-Bak® Adhesive





CAT. NO. AV4861
50 Ft (15.2 m) Per Roll.
Minimum order is one roll

CRL Flexible Foam Filler for Pillars and Door Trim



Round
1/2" (12.7 mm)
Diameter



CAT. NO. AV4656
50 Ft (15.2 m) Per Roll.
Minimum order is one roll

CRL Foam Door Weatherstrip

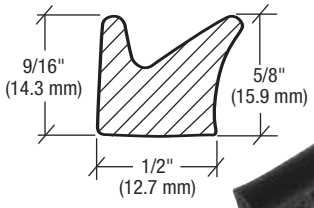


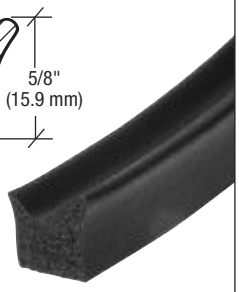
Half Round
1/2" (12.7 mm)
Diameter



CAT. NO. AV4738
50 Ft (15.2 m) Per Roll.
Minimum order is one roll

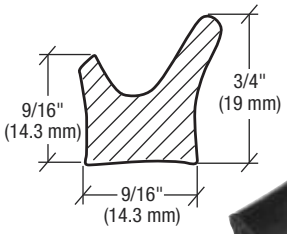
CRL Door Flange Weatherstrip





CAT. NO. AV4744
50 Ft (15.2 m) Per Roll.
Minimum order is one roll

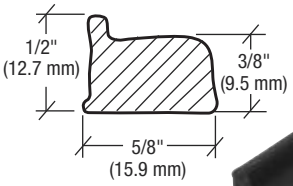
CRL Door Flange Weatherstrip

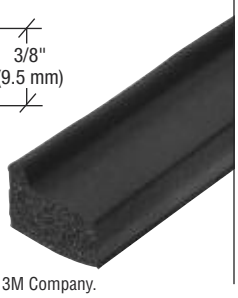




CAT. NO. AV4675
50 Ft (15.2 m) Per Roll.
Minimum order is one roll

CRL Door Flange Weatherstrip





CAT. NO. SM145
50 Ft (15.2 m) Per Roll.
Minimum order is one roll

3M is a registered trademark of 3M Company.
Peel-Bak is a registered trademark of Auto-Vehicle Parts Company.

CRL 3M® Super Weatherstrip Adhesive

- **Black Color Blends With Weatherstrips**
- **Remains Flexible**

SPEC. DATA ONLINE | MSDS ONLINE | NO AIR FREIGHT

Strong rubbery 3M® Super Weatherstrip Adhesive remains flexible. It withstands vibration and extreme temperature variations to secure weatherstripping and gaskets in place. Black color blends with weatherstrips. **NOTE:** Use Cat. No. 3M8011 Weatherstrip Adhesive for EPDM weatherstrips.



CAT. NO.	CONTENTS	QTY/CS
3M8008	5 Fl. Oz. (147 ml)	12

Minimum order: 1 each.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

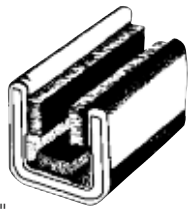
CRL Unbeaded Glass Run Channels

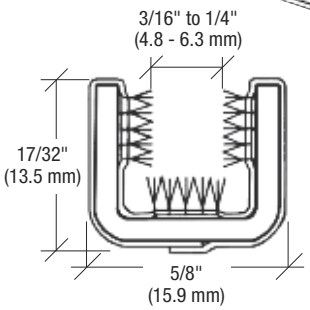
MORE CHOICES crlaurence.com

CRL Unbeaded Flexible Glass Run Channels are OEM quality and will provide you with the best results when replacing or repairing damaged or missing channels in older vehicles. All flexible channels have an internal wire loom that is covered by a protective rubber coating for long life. Pile and/or felt linings protect the glass and provide maximum glass cushioning that reduces road noise and allows the glass to operate smoothly. Channels can be fit to tight radiuses by adding relief cuts at the corners.

10G Flexible

- Unbeaded
- Pile Lined
- Cloth Covered



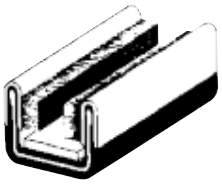


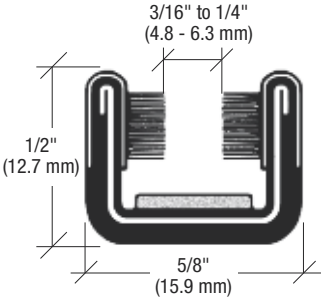
CAT. NO.	LENGTH	PER CASE
10G60	60" (1.5 m)	25
10G72	72" (1.8 m)	50
10G96	96" (2.4 m)	25

Minimum order: 1 each. Channels may be combined for quantity pricing. A packing charge will be added to orders of less than 12 combined lengths.

8A1 Flexible

- Unbeaded
- Felt and Pile Lined
- Rubber Covered



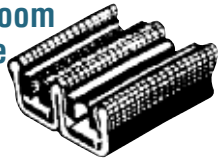


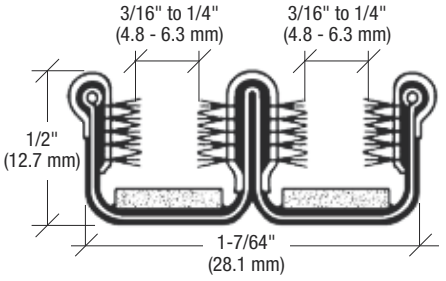
CAT. NO.	LENGTH	PER CASE
8A160	60" (1.5 m)	50
8A196	96" (2.4 m)	25

Minimum order: 1 each. Channels may be combined for quantity pricing. A packing charge will be added to orders of less than 12 combined lengths.

3J4 Flexible

- Unbeaded
- Felt and Pile Lined
- Rubber Covered
- Flexible Wireloom Inner Structure



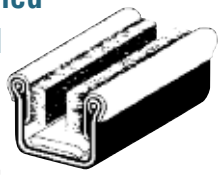


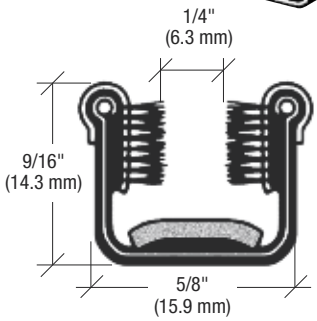
CAT. NO.	LENGTH	PER CASE
3J496	96" (2.4 m)	25

Minimum order: 1 each. Channels may be combined for quantity pricing. A packing charge will be added to orders of less than 12 combined lengths.

3C1 Flexible

- Unbeaded
- Felt and Pile Lined
- Rubber Covered



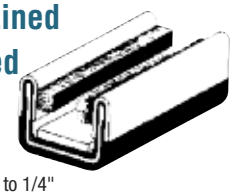


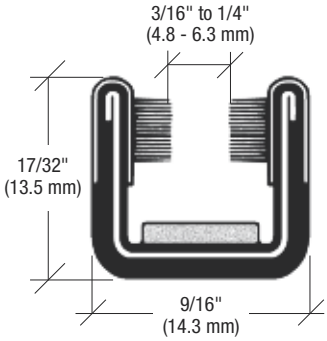
CAT. NO.	LENGTH	PER CASE
3C160	60" (1.5 m)	50
3C196	96" (2.4 m)	50

Minimum order: 1 each. Channels may be combined for quantity pricing. A packing charge will be added to orders of less than 12 combined lengths.

8A2 Flexible

- Unbeaded
- Felt and Pile Lined
- Rubber Covered



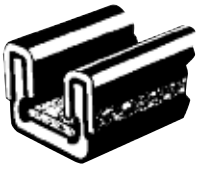


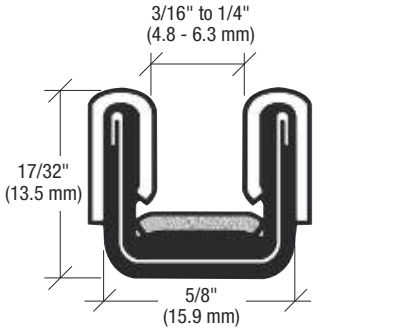
CAT. NO.	LENGTH	PER CASE
8A260	60" (1.5 m)	50
8A296	96" (2.4 m)	25

Minimum order: 1 each. Channels may be combined for quantity pricing. A packing charge will be added to orders of less than 12 combined lengths.

10A Flexible

- Unbeaded
- Felt Lined
- Rubber Covered





CAT. NO.	LENGTH	PER CASE
10A60	60" (1.5 m)	50
10A96	96" (2.4 m)	25

Minimum order: 1 each. Channels may be combined for quantity pricing. A packing charge will be added to orders of less than 12 combined lengths.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

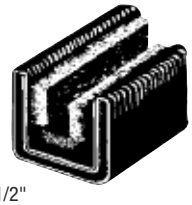
CRL US ALUMINUM

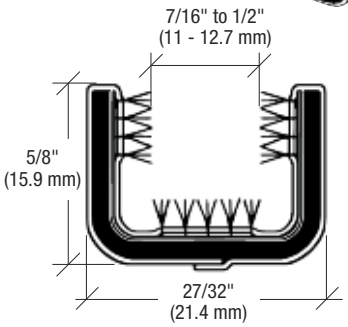
CRL Unbeaded Glass Run Channels

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10E Flexible

- Unbeaded
- Pile Lined
- Cloth Covered



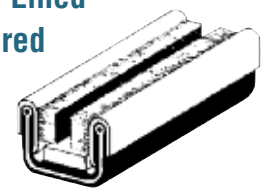


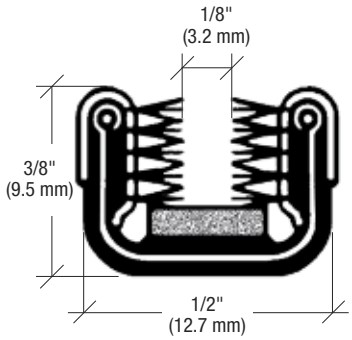
CAT. NO.	LENGTH	PER CASE
10E60	60" (1.5 m)	25
10E72	72" (1.8 m)	50
10E96	96" (2.4 m)	25

Minimum order: 1 each. Channels may be combined for quantity pricing.
A packing charge will be added to orders of less than 12 combined lengths.

5P Flexible

- Unbeaded
- Felt and Pile Lined
- Rubber Covered



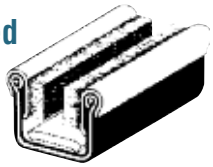


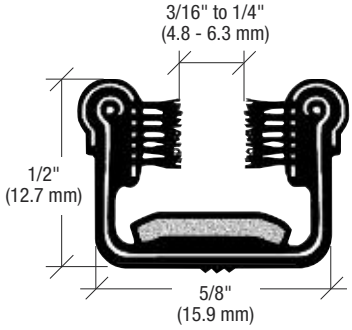
CAT. NO.	LENGTH	PER CASE
5P96	96" (2.4 m)	50

Minimum order: 1 each. Channels may be combined for quantity pricing.
A packing charge will be added to orders of less than 12 combined lengths.

3A1 Flexible

- Unbeaded
- Felt and Pile Lined
- Rubber Covered



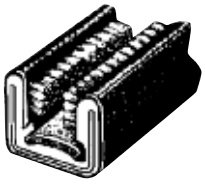


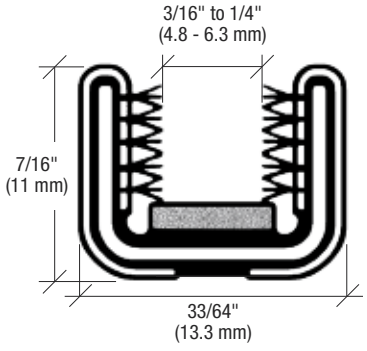
CAT. NO.	LENGTH	PER CASE
3A196	96" (2.4 m)	50

Minimum order: 1 each. Channels may be combined for quantity pricing.
A packing charge will be added to orders of less than 12 combined lengths.

8L Rigid

- Unbeaded
- Felt and Pile Lined
- Rubber Covered



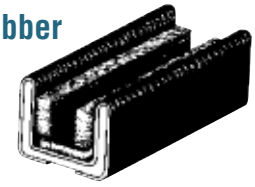


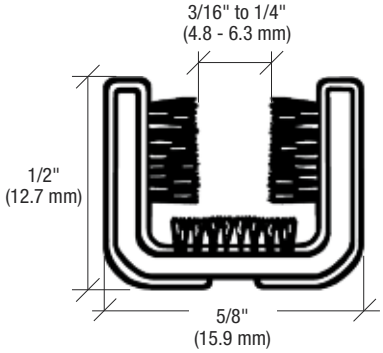
CAT. NO.	LENGTH	PER CASE
8L96	96" (2.4 m)	50

Minimum order: 1 each. Channels may be combined for quantity pricing.
A packing charge will be added to orders of less than 12 combined lengths.

10K Rigid

- Unbeaded
- Pile Lined
- Cloth and Rubber Covered



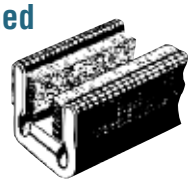


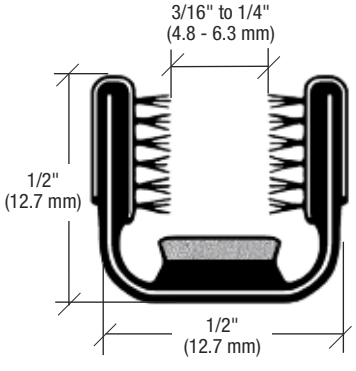
CAT. NO.	LENGTH	PER CASE
10K96	96" (2.4 m)	50

Minimum order: 1 each. Channels may be combined for quantity pricing.
A packing charge will be added to orders of less than 12 combined lengths.

5V Rigid

- Unbeaded
- Felt and Pile Lined
- Rubber Covered





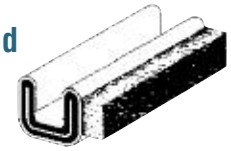
CAT. NO.	LENGTH	PER CASE
5V36	36" (0.91 m)	50
5V72	72" (1.8 m)	25
5V96	96" (2.4 m)	50

Minimum order: 1 each. Channels may be combined for quantity pricing.
A packing charge will be added to orders of less than 12 combined lengths.

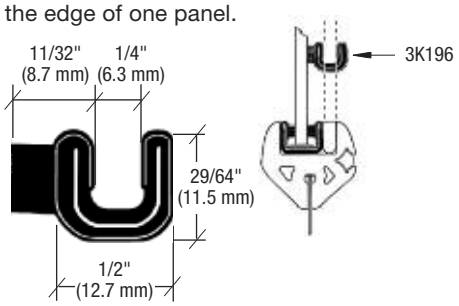
CRL Unbeaded Glass Run Channels

3K1 Rigid

- Unbeaded
- Felt Lined
- Rubber Covered



Edge Channel for insulation between parallel sliding panels with channel fitted to the edge of one panel.

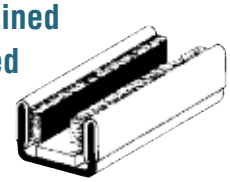


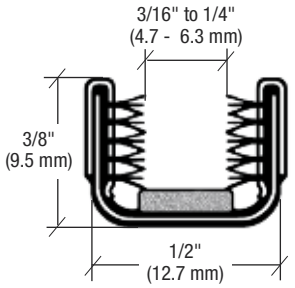
CAT. NO.	LENGTH	PER CASE
3K196	96" (2.4 m)	50

Minimum order: 1 each. Channels may be combined for quantity pricing.
A packing charge will be added to orders of less than 12 combined lengths.

5R Rigid

- Unbeaded
- Felt and Pile Lined
- Rubber Covered



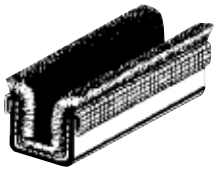


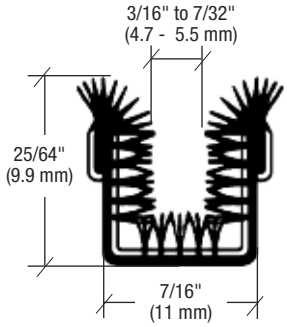
CAT. NO.	LENGTH	PER CASE
5R96	96" (2.4 m)	50

Minimum order: 1 each. Channels may be combined for quantity pricing.
A packing charge will be added to orders of less than 12 combined lengths.

25JP Rigid

- Unbeaded
- Polypropylene Pile Lining
- Uncovered





CAT. NO.	LENGTH	PER CASE
25JP96	96" (2.4 m)	50

Minimum order: 1 each. Channels may be combined for quantity pricing.
A packing charge will be added to orders of less than 12 combined lengths.

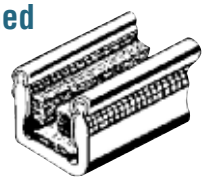
CRL Beaded Glass Run Channels

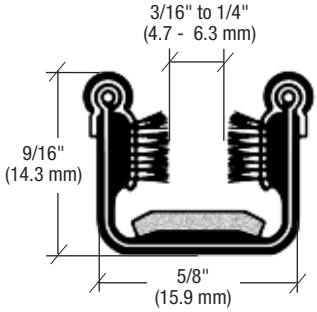
CRL Beaded Channels have either a stainless or galvanized-steel bead, which provides extra trim and increases sidewall rigidity. The close-packed wool or polypropylene pile fabric lining gives a heavy cushion and weather-tight fit with minimum friction to glass. Extra long channel life is assured with either a galvanized or rubber-covered steel core.

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Y526 Flexible

- Stainless Steel Bead
- Felt and Pile Lined
- Rubber Covered



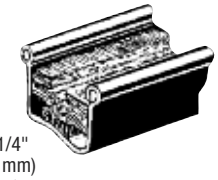


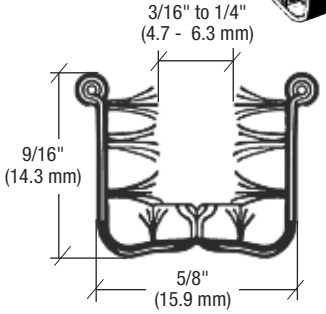
CAT. NO.	LENGTH	PER CASE
Y52660	60" (1.5 m)	50

Minimum order: 1 each. Channels may be combined for quantity pricing.
A packing charge will be added to orders of less than 12 combined lengths.

Y528 Flexible

- Stainless Steel Bead
- Pile Lined
- Cloth Covered



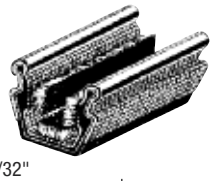


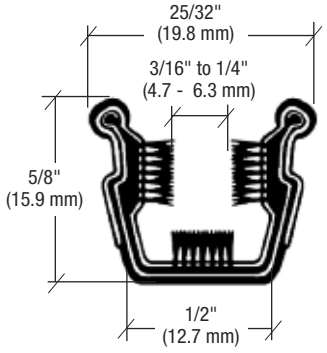
CAT. NO.	LENGTH	PER CASE
Y52860	60" (1.5 m)	25
Y52872	72" (1.8 m)	25
Y52896	96" (2.4 m)	25

Minimum order: 1 each. Channels may be combined for quantity pricing.
A packing charge will be added to orders of less than 12 combined lengths.

Y620 Flexible

- Stainless Steel Bead
- Pile Lined
- Rubber Covered





CAT. NO.	LENGTH	PER CASE
Y62096	96" (2.4 m)	25

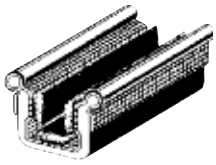
Minimum order: 1 each. Channels may be combined for quantity pricing.
A packing charge will be added to orders of less than 12 combined lengths.

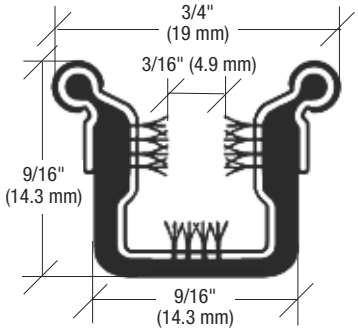
CRL Beaded Glass Run Channels

MORE CHOICES crlaurence.com

Y630P Flexible

- Stainless Steel Bead
- Pile Lined
- Rubber Covered





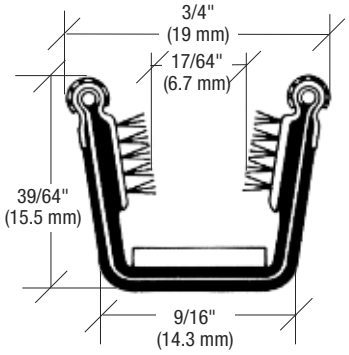
CAT. NO.	LENGTH	PER CASE
Y630P96	96" (2.4 m)	25

Minimum order: 1 each. Channels may be combined for quantity pricing.
A packing charge will be added to orders of less than 12 combined lengths.

Y691P Flexible

- Stainless Steel Bead
- Pile Lined
- Rubber Covered



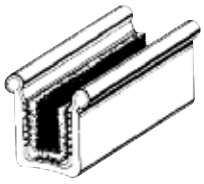


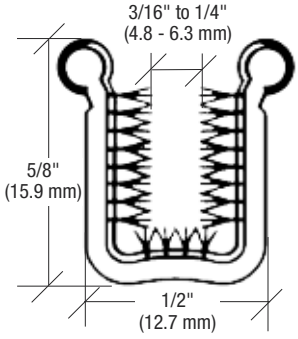
CAT. NO.	LENGTH	PER CASE
Y691P60	60" (1.5 m)	50

Minimum order: 1 each. Channels may be combined for quantity pricing.
A packing charge will be added to orders of less than 12 combined lengths.

Y619P Rigid

- Stainless Steel Bead
- Pile Lined
- Uncovered



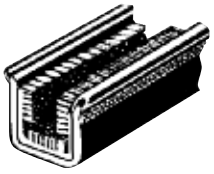


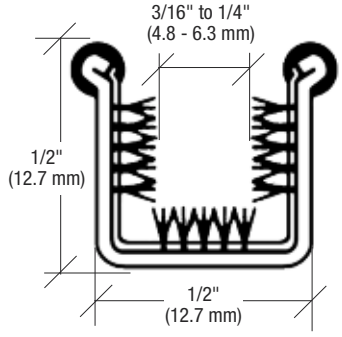
CAT. NO.	LENGTH	PER CASE
Y619P96	96" (2.4 m)	25

Minimum order: 1 each. Channels may be combined for quantity pricing.
A packing charge will be added to orders of less than 12 combined lengths.

Y658X Rigid

- Stainless Steel Bead
- Pile Lined
- Uncovered



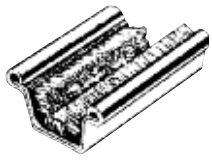


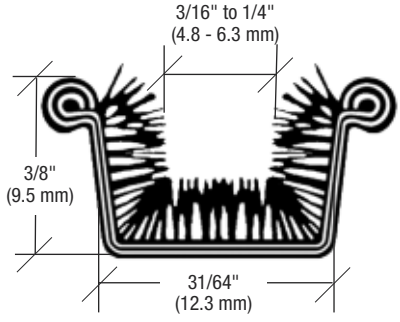
CAT. NO.	LENGTH	PER CASE
Y658X72	72" (1.8 m)	25
Y658X96	96" (2.4 m)	25

Minimum order: 1 each. Channels may be combined for quantity pricing.
A packing charge will be added to orders of less than 12 combined lengths.

Y614 Rigid

- Stainless Steel Bead
- Pile Lined
- Uncovered





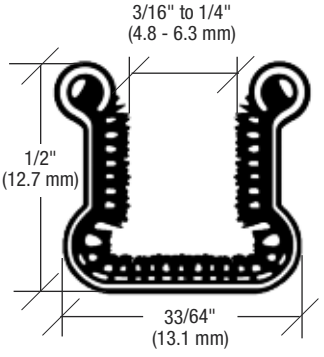
CAT. NO.	LENGTH	PER CASE
Y61472	72" (1.8 m)	50
Y61496	96" (2.4 m)	50

Minimum order: 1 each. Channels may be combined for quantity pricing.
A packing charge will be added to orders of less than 12 combined lengths.

Y5632 Rigid

- Galvanized Steel
- Pile Lined
- Uncovered





CAT. NO.	LENGTH	PER CASE
Y563296	96" (2.4 m)	25

Minimum order: 1 each. Channels may be combined for quantity pricing.
A packing charge will be added to orders of less than 12 combined lengths.

TOLL FREE Phone: (800) 421-6144
Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

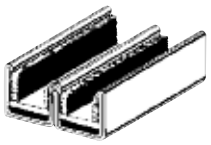
CRL Marine Glass Run Channels

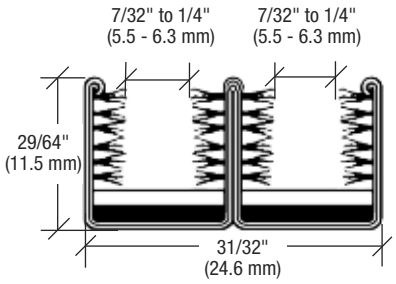
MORE CHOICES crlaurence.com

CRL Marine Glass Run Channels are designed for use in boats and buses. These channels are available in rigid and flexible configurations. Flexible Marine Glass Run Channel provides the flexibility needed to be used in curved openings. For best appearance, set this channel in a groove. Channels can be fit to tight radiuses by adding relief cuts at the corners. Rigid Marine Glass Run Channels with polished Stainless Steel wrap can be sunk in a groove or surface mounted, and only used in straight edge openings. All channels are pile and/or felt lined to protect the glass. The nylon bottom strip assures easy sliding panels, and provides a quiet and smooth operation.

Y583 Rigid

- Stainless Steel Wrap
- Pile Lined
- Polished Surface-Won't Rust



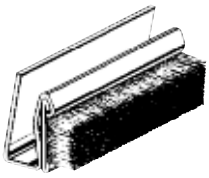


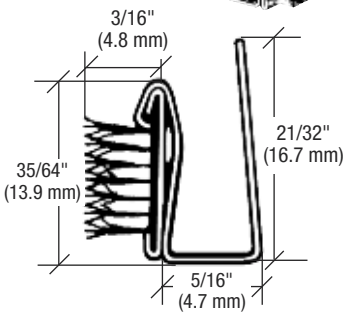
CAT. NO.	LENGTH	PER CASE
Y58396	96" (2.4 m)	25

Minimum order: 1 each. Channels may be combined for quantity pricing.
A packing charge will be added to orders of less than 12 combined lengths.

16M Rigid

- Stainless Steel Wrap
- Pile Wipe
- Polished Surface-Won't Rust



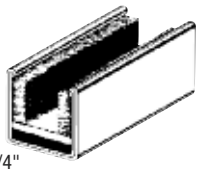


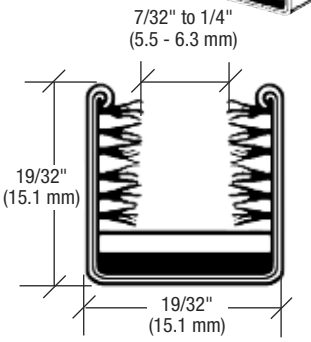
CAT. NO.	LENGTH	PER CASE
16M96	96" (2.4 m)	25

Minimum order: 1 each. Channels may be combined for quantity pricing.
A packing charge will be added to orders of less than 12 combined lengths.

Y582 Rigid

- Stainless Steel Wrap
- Pile Lined
- Polished Surface-Won't Rust





CAT. NO.	LENGTH	PER CASE
Y58296	96" (2.4 m)	25

Minimum order: 1 each. Channels may be combined for quantity pricing.
A packing charge will be added to orders of less than 12 combined lengths.

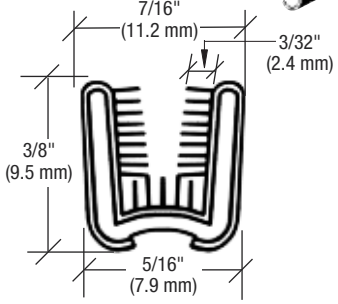
CRL Schlegel® Flexible Glass Run Channels

CRL Schlegel® Flexible Glass Run Channel is an excellent seal for windows in buses, campers, RV's, mobile homes, or any vehicle with irregularly shaped windows. A synthetic polypropylene pile is woven to a non-rust wire carrier backing which is designed to assure proper drainage. This flexible channel always retains its shape when flexed, and won't bunch up or bind sliding windows. It comes in a variety of sizes, and is perfect for both glass and aluminum run channels.

21116181951 Flexible

- For 3/16" (5 mm) Glass
- Flexible in All Directions Without Deforming
- Economical and Easy to Use



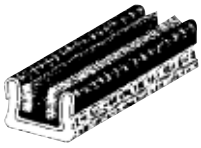


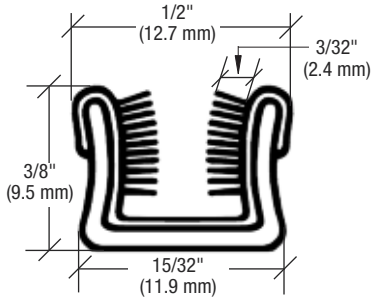
CAT. NO.	DESCRIPTION
21116181951C	100 Ft. (30 m) Roll
21116181951	500 Ft. (152 m) Roll

Minimum order: 1 roll. All rolls of flexible channel can be combined for quantity pricing.

21116432061 Flexible

- For 1/4" (6 mm) Glass
- Installs Easily
- Guaranteed Long Life



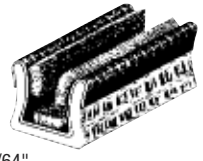


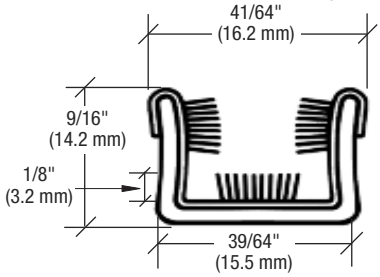
CAT. NO.	DESCRIPTION
21116432061C	100 Ft. (30 m) Roll
21116432061	500 Ft. (152 m) Roll

Minimum order: 1 roll. All rolls of flexible channel can be combined for quantity pricing.

21114541901 Flexible

- For 5/16" (8 mm) Glass
- Replaces Rigid Channels
- Rot, Mildew, and Corrosion Resistant





CAT. NO.	DESCRIPTION
21114541901C	100 Ft. (30 m) Roll
21114541901	300 Ft. (91 m) Roll

Minimum order: 1 roll. All rolls of flexible channel can be combined for quantity pricing.

Schlegel is a registered trademark of Schlegel Systems, Inc.

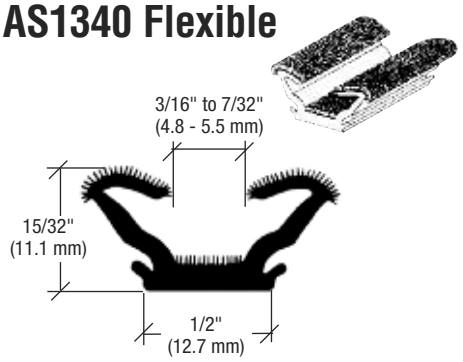
CRL All Rubber Glass Run Channels

- Unbeaded
- Electrostatic Flocked Lining
- All-Rubber Channel

MORE CHOICES crlaurence.com

CRL Unbeaded All-Rubber Channels are OEM quality, and will provide you with the best results when replacing or repairing damaged or missing channels in vehicles. All channels are comprised of an electrostatic flocked rubber to protect the glass and provide quiet operation. Please note the "shoulders" on the outside of some of these channels when determining which channel you require. They are designed to retain the channel in the door glass channel frame and you should choose the one that most closely resembles the channel you are replacing.

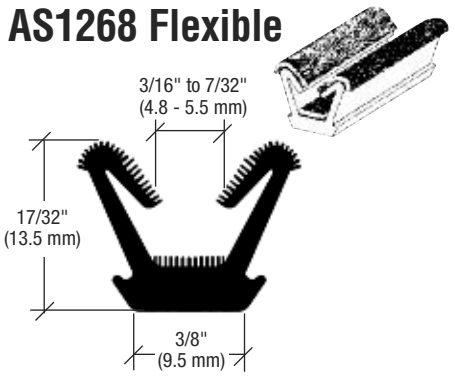
AS1340 Flexible



CAT. NO.	LENGTH	PER CASE
AS134096	96" (2.4 m)	25

Minimum order: 1 each. Channels may be combined for quantity pricing.
A packing charge will be added to orders of less than 12 combined lengths.

AS1268 Flexible



CAT. NO.	LENGTH	PER CASE
AS126896	96" (2.4 m)	25

Minimum order: 1 each. Channels may be combined for quantity pricing.
A packing charge will be added to orders of less than 12 combined lengths.

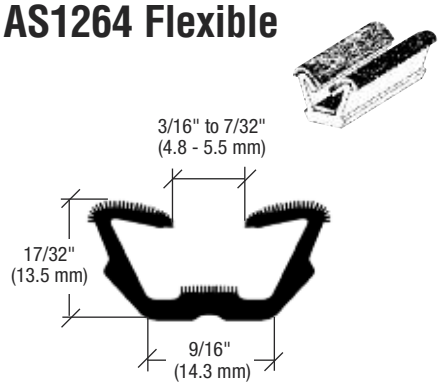
AS1317 Flexible



CAT. NO.	LENGTH	PER CASE
AS131760	60" (1.5 m)	25

Minimum order: 1 each. Channels may be combined for quantity pricing.
A packing charge will be added to orders of less than 12 combined lengths.

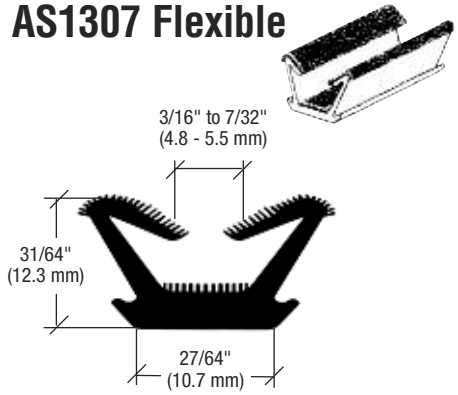
AS1264 Flexible



CAT. NO.	LENGTH	PER CASE
AS126496	96" (2.4 m)	25

Minimum order: 1 each. Channels may be combined for quantity pricing.
A packing charge will be added to orders of less than 12 combined lengths.

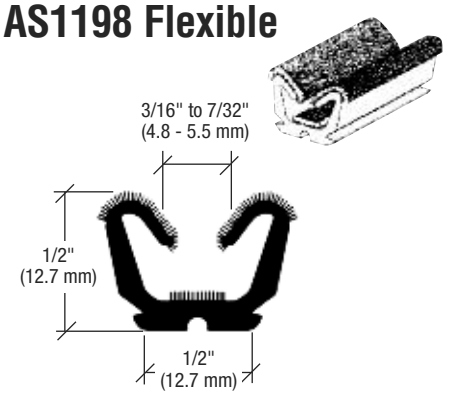
AS1307 Flexible



CAT. NO.	LENGTH	PER CASE
AS130796	96" (2.4 m)	25

Minimum order: 1 each. Channels may be combined for quantity pricing.
A packing charge will be added to orders of less than 12 combined lengths.

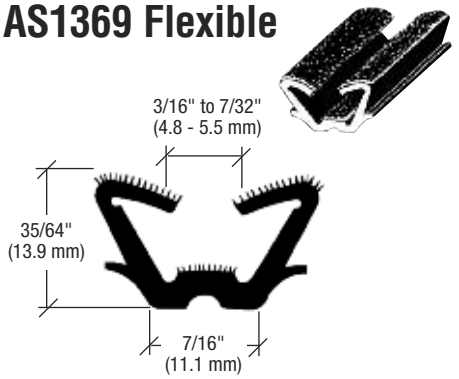
AS1198 Flexible



CAT. NO.	LENGTH	PER CASE
AS119896	96" (2.4 m)	25

Minimum order: 1 each. Channels may be combined for quantity pricing.
A packing charge will be added to orders of less than 12 combined lengths.

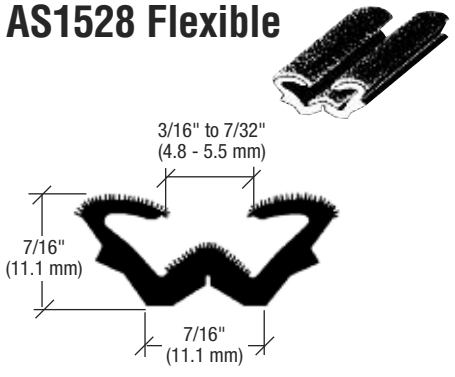
AS1369 Flexible



CAT. NO.	LENGTH	PER CASE
AS136972	72" (1.8 m)	25

Minimum order: 1 each. Channels may be combined for quantity pricing.
A packing charge will be added to orders of less than 12 combined lengths.

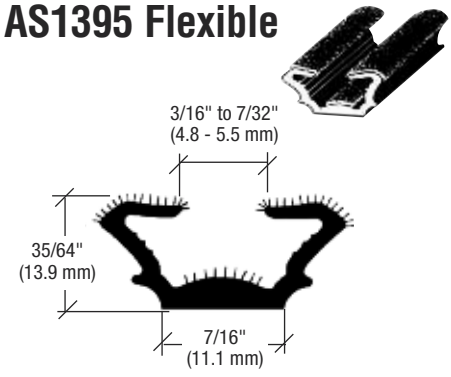
AS1528 Flexible



CAT. NO.	LENGTH	PER CASE
AS152896	96" (2.4 m)	100

Minimum order: 1 each. Channels may be combined for quantity pricing.
A packing charge will be added to orders of less than 12 combined lengths.

AS1395 Flexible



CAT. NO.	LENGTH	PER CASE
AS139596	96" (2.4 m)	25

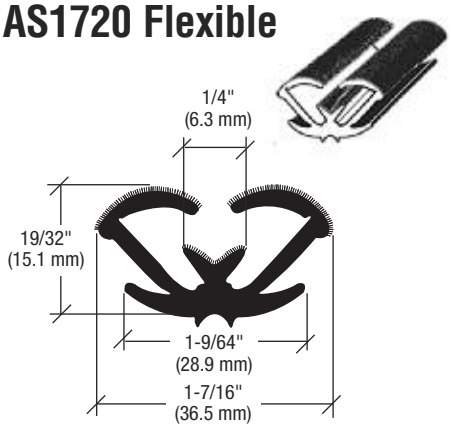
Minimum order: 1 each. Channels may be combined for quantity pricing.
A packing charge will be added to orders of less than 12 combined lengths.

CRL All Rubber Glass Run Channels

MORE CHOICES crlaurence.com

- Unbeaded
- Electrostatic Flocked Lining
- All-Rubber Channel

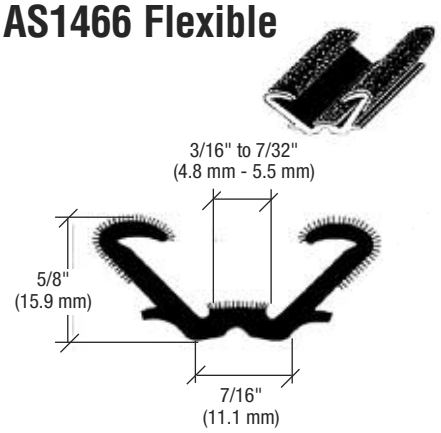
AS1720 Flexible



CAT. NO.	LENGTH	PER CASE
AS172096	96" (2.4 m)	25

Minimum order: 1 each. All auto channels can be combined for quantity pricing. Packing charge added to orders of less than 12 combined lengths.

AS1466 Flexible



CAT. NO.	LENGTH	PER CASE
AS146696	96" (2.4 m)	25

Minimum order: 1 each. All auto channels can be combined for quantity pricing. Packing charge added to orders of less than 12 combined lengths.

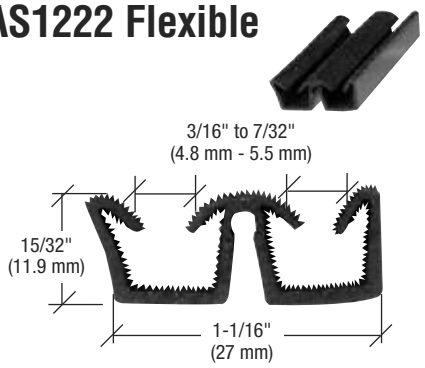
AS1336 Flexible



CAT. NO.	LENGTH	PER CASE
AS133696	96" (2.4 m)	25

Minimum order: 1 each. All auto channels can be combined for quantity pricing. Packing charge added to orders of less than 12 combined lengths.

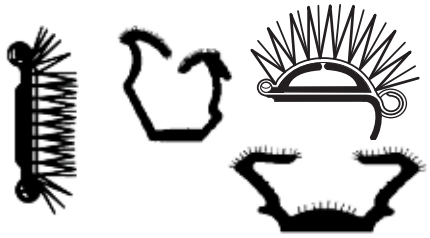
AS1222 Flexible



CAT. NO.	LENGTH	PER CASE
AS122296	96" (2.4 m)	25

Minimum order: 1 each. All auto channels can be combined for quantity pricing. Packing charge added to orders of less than 12 combined lengths.

Part Matching Service



New model cars and trucks are introduced each year with a variety of glass channel and weatherstrips. If you cannot locate the correct part in our catalog we offer a Part Matching Service. Let us know what you are looking for and we'll do our best to recommend the right CRL part to do the job. Contact CRL Automotive Technical Sales by e-mail at automotive@crlaurence.com.

CRL Automotive Channel Specimen Chain



CAT. NO. 75002500

This CRL Automotive Channel Specimen Chain contains over 50 short pieces of our Automotive Channels, Flocked Rubber Channels, and Belt Weatherstrips. Product matching or choosing an alternative part is easy with this "hands on" sales tool. Minimum order is one each.

CRL Glass Run Channel Cleaning Tool

- Hook Shaped Tip
- Extra Length Reaches Complete Channel Without Removing Panel

The extra long 24" (610 mm) reach of the CRL Door Glass Channel Cleaning Tool lets you get down into the door glass run channel to clean out broken bits and pieces of tempered glass. The hook shaped tip gets under channel lip and other places you can't normally reach, and removes debris without damage to the channel. Made in the U.S.A. Minimum order is one each.





MORE INFORMATION crlaurence.com

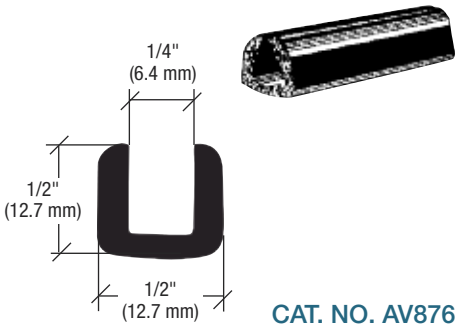
CAT. NO. GCC506

CRL Glass Setting Channels

MORE CHOICES crlaurence.com

Glass Setting Channel

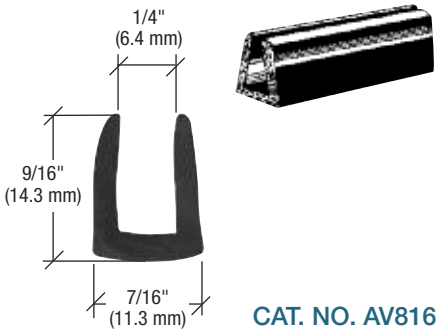
- For 1/4" (6 mm) Glazing



CAT. NO. AV876
50 Ft (15.2 m) Per Roll.
Minimum order is one roll

Glass Setting Channel

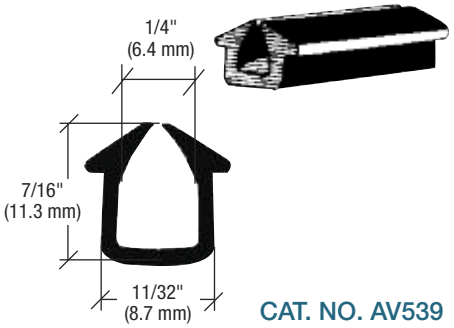
- For 1/4" (6 mm) Glazing



CAT. NO. AV816
50 Ft (15.2 m) Per Roll.
Minimum order is one roll

Glass Setting Channel

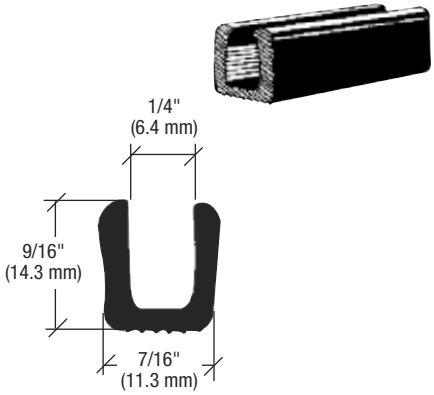
- For 1/4" (6 mm) Glazing



CAT. NO. AV539
50 Ft (15.2 m) Per Roll.
Minimum order is one roll

Windshield and Rear Window Glass Setting Channel

- For 1/4" (6 mm) Glazing

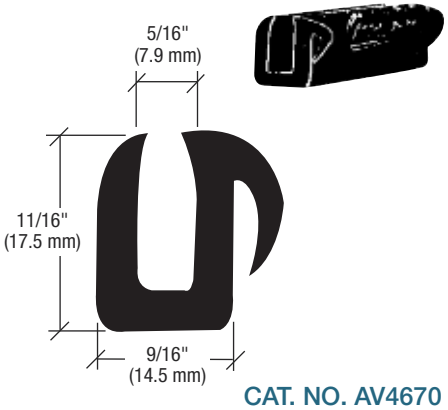


CAT. NO. AV4588
50 Ft (15.2 m) Per Roll.
Minimum order is one roll

Rear Window Glass Setting Channel and Weatherstrip

- For 3/16" to 1/4" (5 to 6 mm) Glazing

Early Model Ford and Mercury



CAT. NO. AV4670
50 Ft (15.2 m) Per Roll.
Minimum order is one roll

Rear Window Glass Setting Channel and Weatherstrip

- For 3/16" to 1/4" (5 to 6 mm) Glazing

Early Model Chrysler

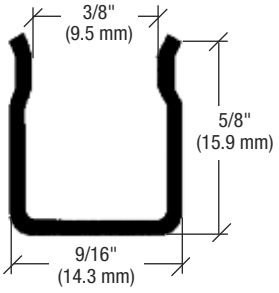


CAT. NO. AV4688
50 Ft (15.2 m) Per Roll.
Minimum order is one roll

CRL Universal Bottom Channel

- Replace Damaged or Rusted Channels
- Universal Fit

CRL Universal Glass Bottom Channels are OEM quality and will provide you with the best results when replacing or repairing damaged or missing channels in older vehicles. Existing channels can rust out or have been bonded to the glass and are time consuming to clean. By using CRL Universal Channels you will speed your installation and provide a trouble free job. All channels are made of zinc plated steel for long life.





CAT. NO.	LENGTH	PER CASE
CP651139	48" (1.2 m)	50
UC100	96" (2.4 m)	50

Minimum order: 1 each. All auto channels can be combined for quantity pricing. Packing charge added to orders of less than 12 combined lengths.

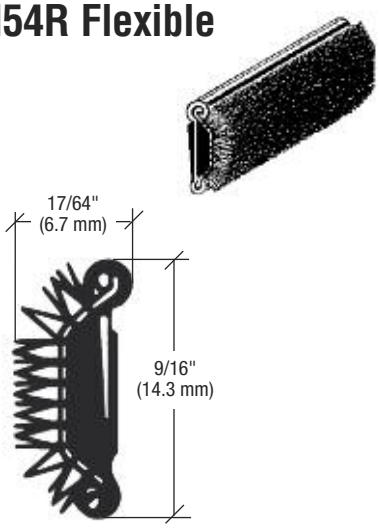
CRL Automotive Weatherstrips

MORE CHOICES crlaurence.com

- Stainless Steel Beaded
- Pile Lined
- Rubber Covered

CRL's Automotive Weatherstrips have a flexible, rubber-covered steel core, which provides moisture-proof corrosion protection. Live rubber cushions the glass and seals the weatherstrip tightly to the molding. Thick wool or polypropylene pile fabric prevents penetration of dust, drafts, and moisture. The stainless steel bead matches the chrome trim of the car and enhances the appearance of the installation.

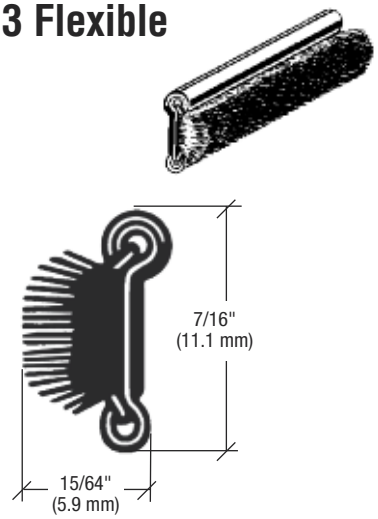
YM54R Flexible



CAT. NO.	LENGTH	PER CASE
YM54R96	96" (2.4 m)	50

Minimum order: 1 each. Channels can be combined for quantity pricing.
A packing charge will be added to orders of less than 12 combined lengths.

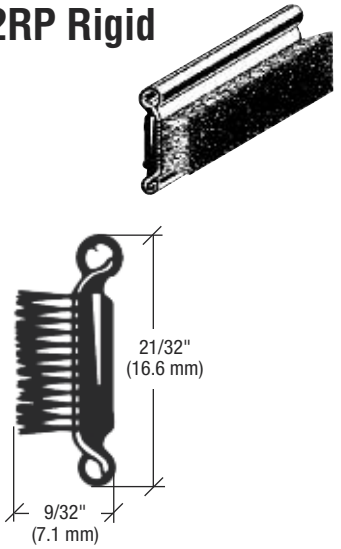
YM3 Flexible



CAT. NO.	LENGTH	PER CASE
YM372	72" (1.8 m)	50
YM396	96" (2.4 m)	50

Minimum order: 1 each. Channels can be combined for quantity pricing.
A packing charge will be added to orders of less than 12 combined lengths.

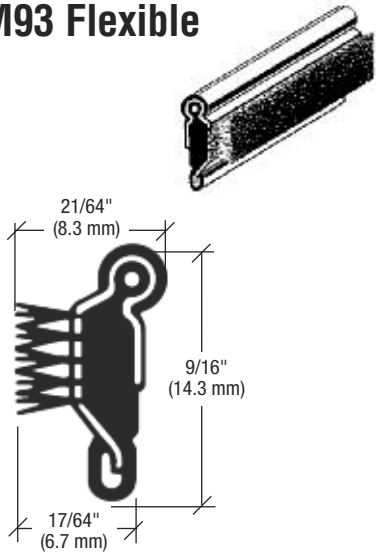
YM52RP Rigid



CAT. NO.	LENGTH	PER CASE
YM52RP96	96" (2.4 m)	25

Minimum order: 1 each. Channels can be combined for quantity pricing.
A packing charge will be added to orders of less than 12 combined lengths.

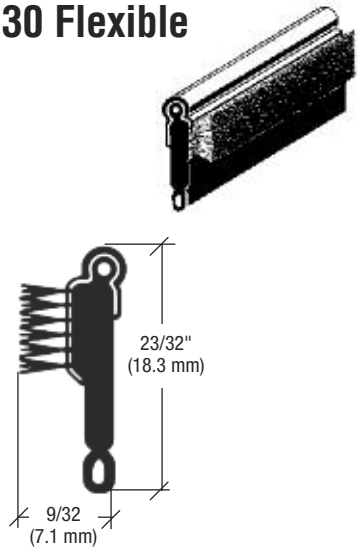
YM93 Flexible



CAT. NO.	LENGTH	PER CASE
YM9396	96" (2.4 m)	50

Minimum order: 1 each. Channels can be combined for quantity pricing.
A packing charge will be added to orders of less than 12 combined lengths.

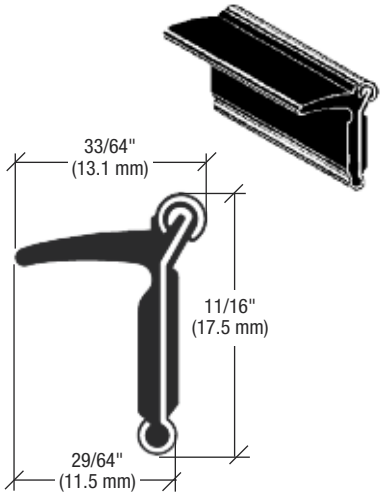
YM30 Flexible



CAT. NO.	LENGTH	PER CASE
YM3096	96" (2.4 m)	50

Minimum order: 1 each. Channels can be combined for quantity pricing.
A packing charge will be added to orders of less than 12 combined lengths.

YM108X Flexible



CAT. NO.	LENGTH	PER CASE
YM108X96	96" (2.4 m)	50

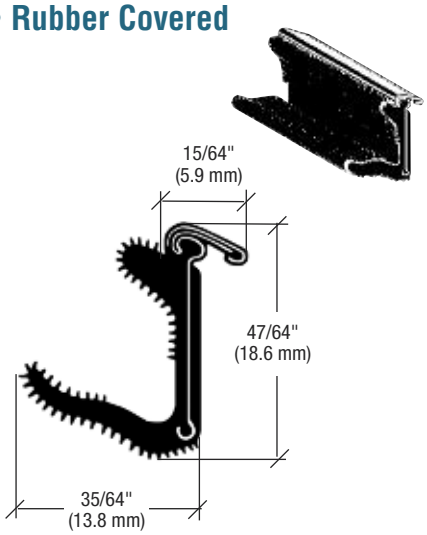
Minimum order: 1 each. Channels can be combined for quantity pricing.
A packing charge will be added to orders of less than 12 combined lengths.

CRL Automotive Weatherstrips

MORE CHOICES crlaurence.com

YMR13X Rigid

- Stainless Steel Bead
- Electrostatic Flock Lined
- Rubber Covered

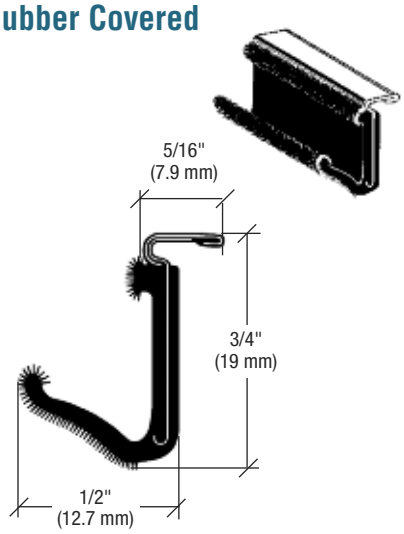


CAT. NO.	LENGTH	PER CASE
YMR13X96	96" (2.4 m)	25

Minimum order: 1 each. Channels can be combined for quantity pricing.
A packing charge will be added to orders of less than 12 combined lengths.

YMR219X Rigid

- Stainless Steel Bead
- Electrostatic Flock Lined
- Rubber Covered

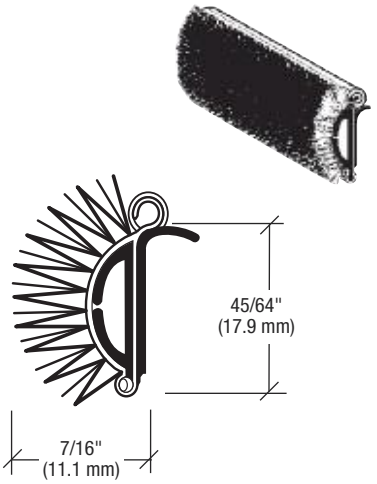


CAT. NO.	LENGTH	PER CASE
YMR219X72	72" (1.8 m)	25

Minimum order: 1 each. Channels can be combined for quantity pricing.
A packing charge will be added to orders of less than 12 combined lengths.

YM197XP Rigid

- Stainless Steel Bead
- Pile Lined
- Rubber Covered



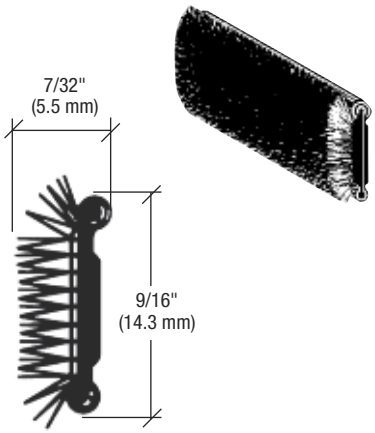
CAT. NO.	LENGTH	PER CASE
YM197XP96	96" (2.4 m)	25

Minimum order: 1 each. Channels can be combined for quantity pricing.
A packing charge will be added to orders of less than 12 combined lengths.

CRL Black Edged Weatherstrips

M113 Flexible

- Unbeaded
- Pile Lined
- Uncovered

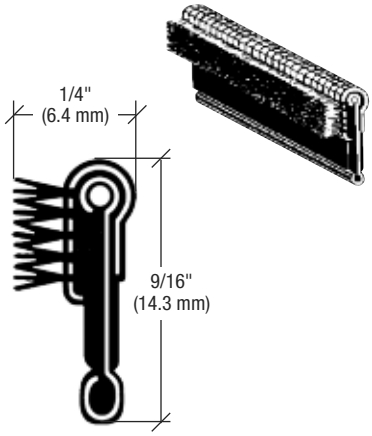


CAT. NO.	LENGTH	PER CASE
M11396	96" (2.4 m)	25

Minimum order: 1 each. Channels can be combined for quantity pricing.
A packing charge will be added to orders of less than 12 combined lengths.

M8 Flexible

- Unbeaded
- Pile Lined
- Rubber Covered

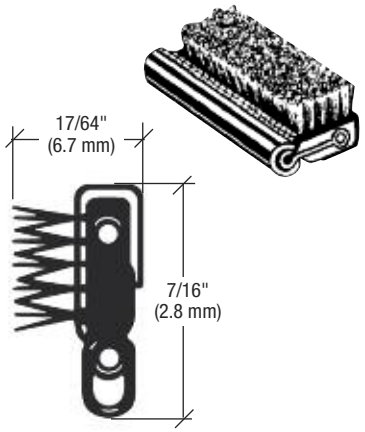


CAT. NO.	LENGTH	PER CASE
M896	96" (2.4 m)	50

Minimum order: 1 each. Channels can be combined for quantity pricing.
A packing charge will be added to orders of less than 12 combined lengths.

M123 Flexible

- Unbeaded
- Pile Lined
- Rubber Covered



CAT. NO.	LENGTH	PER CASE
M12396	96" (2.4 m)	25

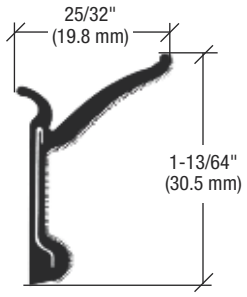
Minimum order: 1 each. Channels can be combined for quantity pricing.
A packing charge will be added to orders of less than 12 combined lengths.

CRL Belt Weatherstrips

MORE INFORMATION crlaurence.com

MR260X Rigid

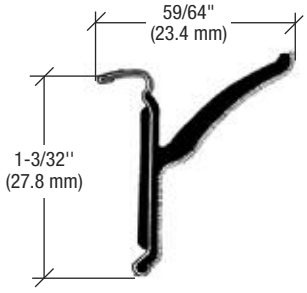
- Flock Lined
- Rubber Covered



CAT. NO.	LENGTH	PER CASE
MR260X96	96" (2.4 m)	15

YMR255X Rigid

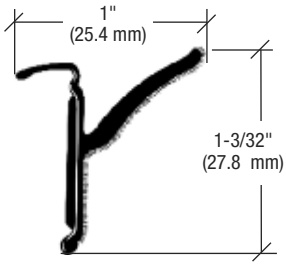
- Flock Lined
- Rubber Covered



CAT. NO.	LENGTH	PER CASE
YMR255X96	96" (2.4 m)	15

YMR256X Rigid

- Flock Lined
- Rubber Covered



CAT. NO.	LENGTH	PER CASE
YMR256X96	96" (2.4 m)	15

Minimum order: 1 each. Channels can be combined for quantity pricing. A packing charge will be added to orders of less than 12 combined lengths.

CRL Weatherstrip Attaching Clips

MORE CHOICES crlaurence.com

- Push Through and Slide-On Styles

CRL Weatherstrip Attaching Clips are used to fasten stainless steel and black edged weatherstrips to glass run channel. Choose from push-through or slide-on styles for GM, Ford, Chrysler, and some imports.



Metal Glass Run Channel Clip,
GM Compact Cars

CAT. NO. SC3345
Minimum order: 1 box.
Qty/Pkg 100



Metal Glass Run Channel Clip,
Various Ford Products

CAT. NO. SC3348
Minimum order: 1 box.
Qty/Pkg 100



Metal Door and Quarter Glass Channel Clip;
GM Cars

CAT. NO. CP977664
Minimum order: 1 box.
Qty/Pkg 50



Metal Outer Weatherstrip Clip;
GM, Ford and Chrysler, Some Imports

CAT. NO. CP855973
Minimum order: 1 box.
Qty/Pkg 50



Plastic Rear End Belt Molding Clip;
Cars with Vinyl Tops; 'G' Body

CAT. NO. CP947227
Minimum order: 1 box.
Qty/Pkg 15

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Universal Channel Moldings

MORE CHOICES crlaurence.com

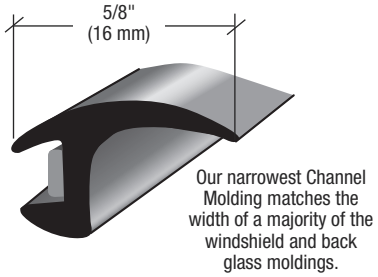
- **Black Color EPDM Rubber Moldings Available With or Without Pre-Applied Butyl**
- **Smooth Surface and Feature Line Moldings Can Be Used in Over 600 Makes and Models From 1979 and Up**
- **Cut to Length Rolls Mean No Waste**

CRL Universal Channel Moldings are intended to be a replacement for moldings damaged during glass removal. They are applied to the glass prior to installation, and can be used as a substitute for moldings now being used on General Motors, Chrysler, Ford, BMW, Honda, Mazda, Nissan, Toyota, Volkswagen, and other vehicles. With their universal styling, they eliminate the need to carry a large inventory of specialized moldings, and can be used in over 600 domestic and import applications.

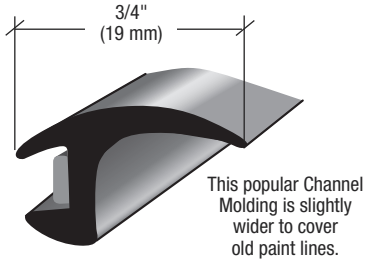
Universal Channel Moldings quickly install over the edge of the glass. Additional retention is achieved when using the Universal Channel Molding with the Butyl pre-applied in the channel. Channel Moldings can be combined for quantity pricing.

CRL Universal Moldings With Pre-Applied Butyl

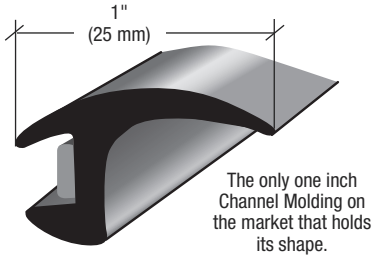
• Four Sizes Without Feature Line



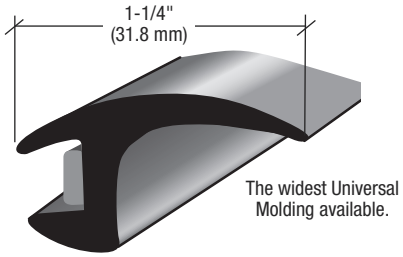
CAT. NO. 409T105B
75 Feet (22.9 m) Per Roll.
Minimum order is one roll



CAT. NO. 409T107B
75 Feet (22.9 m) Per Roll.
Minimum order is one roll

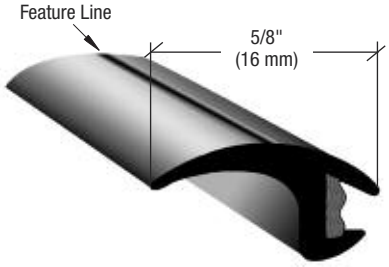


CAT. NO. 409T108B
75 Feet (22.9 m) Per Roll.
Minimum order is one roll

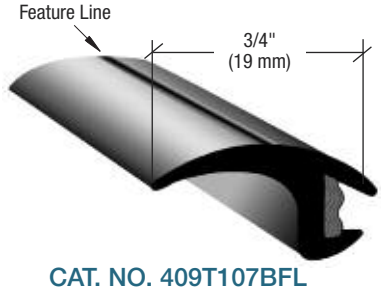


CAT. NO. 409T109B
65 Feet (19.8 m) Per Roll.
Minimum order is one roll

• Two Sizes With Feature Line for Improved Appearance



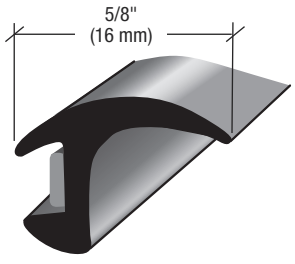
CAT. NO. 409T105BFL
75 Feet (22.9 m) Per Roll.
Minimum order is one roll



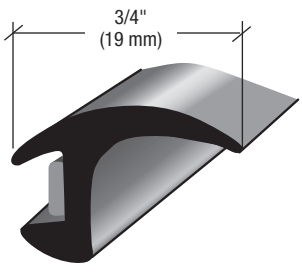
CAT. NO. 409T107BFL
75 Feet (22.9 m) Per Roll.
Minimum order is one roll

CRL Universal Channel Moldings Without Butyl

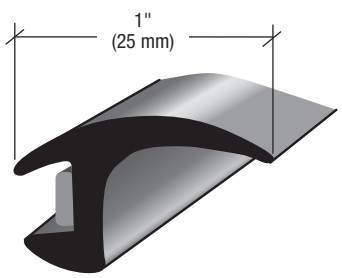
• Three Sizes Without Feature Line



CAT. NO. 409T105
75 Feet (22.9 m) Per Roll.
Minimum order is one roll



CAT. NO. 409T107
75 Feet (22.9 m) Per Roll.
Minimum order is one roll

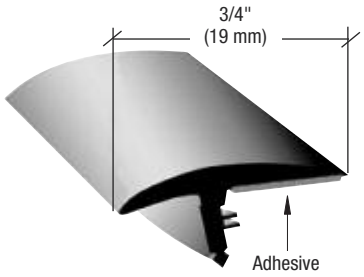


CAT. NO. 409T108
75 Feet (22.9 m) Per Roll.
Minimum order is one roll

CRL Universal Channel Moldings

MORE CHOICES crlaurence.com

CRL Insert Molding With Adhesive

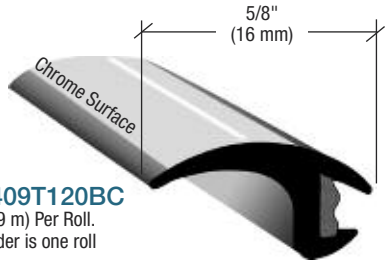


Available in EPDM (matte finish), and features a self-adhesive strip on the glass side for perfect trouble-free installations.

CAT. NO. 409T110
75 Feet (22.9 m) Per Roll.
Minimum order is one roll

CRL Universal Chrome Molding

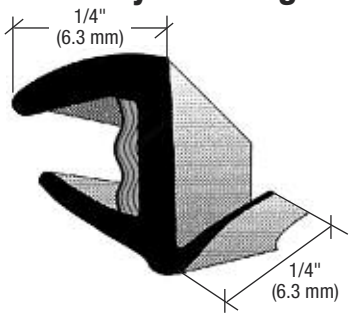
The addition of a chrome finish strip makes this Universal Molding especially attractive. Black color vinyl has pre-applied butyl.



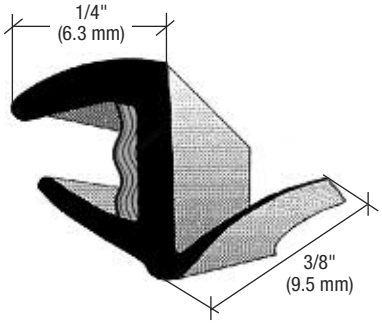
CAT. NO. 409T120BC
75 Feet (22.9 m) Per Roll.
Minimum order is one roll

CRL Cavity Moldings

• Black Color Vinyl in Two Sizes With Pre-Applied Butyl



CAT. NO. 409T100B
120 Feet (36.6 m) Per Roll.
Minimum order is one roll



CAT. NO. 409T101B
90 Feet (27.4 m) Per Roll.
Minimum order is one roll

CRL Universal Molding Application Chart



CRL Universal Moldings come in a complete array of types and sizes. Order our Cat. No. 409TAC Universal Molding Application Chart to look up the correct molding for a specific vehicle. Or you might prefer our Cat. No. 409TSC Universal Molding Specimen Chain with short pieces of each molding. It makes it easy for you to match the molding you are replacing with the proper CRL Universal Molding for your customer's vehicle. Minimum order is one each.

CAT. NO. 409TAC

CRL Universal Molding Specimen Chain



CAT. NO. 409TSC

CRL Suck-N-Clamp

• "Hands-Free" Clamping of Windshield and Side Moldings, Emblems, and More

The CRL Suck-N-Clamp provides "Hands-Free" clamping action for glue-on windshield and side moldings, body emblems and more. Suck-N-Clamp works by attaching the suction cup to any smooth, non-porous glass or metal surface. Then the arm is positioned over the item being bonded, and tightened to hold it in position while the adhesive cures. Available individually or in a six-pack.





CAT. NO.	DESCRIPTION
SC1	Suck-N-Clamp Single-Pack
SC6	Suck-N-Clamp Six-Pack

Minimum order: 1 each.

CRL Molding Adhesive

• Permanent, Transparent Bond

CRL Loctite® SuperBonder® Adhesive sets in seconds to form a permanent transparent bond. Effective on metal, rubber, aluminum, ceramics, vinyl, alloys, plastics, and other non-porous surfaces. One ounce bottle comes ready to use. Minimum order is one each.

See page SF062 for more adhesives.

MORE INFORMATION crlaurence.com

NO AIR FREIGHT



CAT. NO. 49550

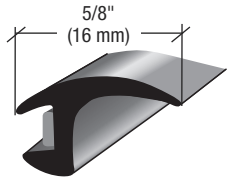
Loctite and SuperBonder are registered trademarks of Henkel Corporation.

CRL Channel Moldings

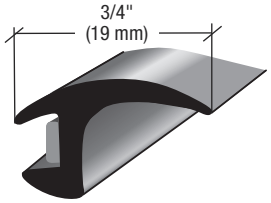
MORE CHOICES crlaurence.com

CRL Value-Priced Channel Moldings With Butyl

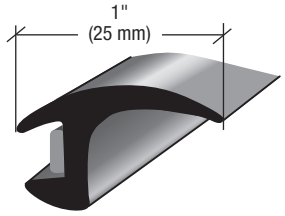
- **Black Color EPDM Rubber Moldings, All With Pre-Applied Butyl**



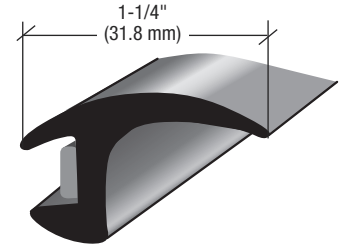
CAT. NO. ET105B
75 Feet (22.9 m) Per Roll.
Minimum order is one roll



CAT. NO. ET107B
75 Feet (22.9 m) Per Roll.
Minimum order is one roll

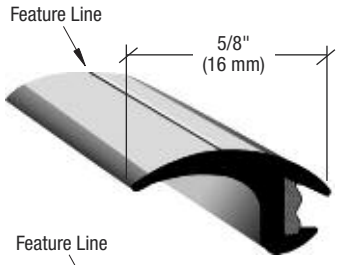


CAT. NO. ET108B
75 Feet (22.9 m) Per Roll.
Minimum order is one roll

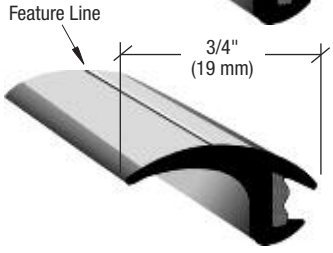


CAT. NO. ET109B
75 Feet (22.9 m) Per Roll.
Minimum order is one roll

CRL Value-Priced Feature Line Channel Moldings With Butyl



CAT. NO. ET105BFL
75 Feet (22.9 m) Per Roll.
Minimum order is one roll

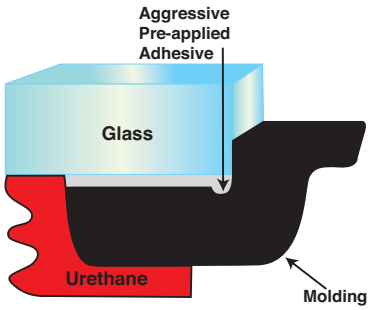


CAT. NO. ET107BFL
75 Feet (22.9 m) Per Roll.
Minimum order is one roll

CRL Foam Underside Molding

- **Closed Cell Foam Molding Specifically Designed for Exposed Edge Glass With Tight Radius Corners**

CRL Foam Underside Molding is specifically designed to replace moldings that have been damaged when replacing quarter and back glasses that have tight radius corners. It has a pre-applied adhesive that holds it firmly in place. Dual extruded roll contains 100 total feet (30.5 m) of Molding. Minimum order is one roll.

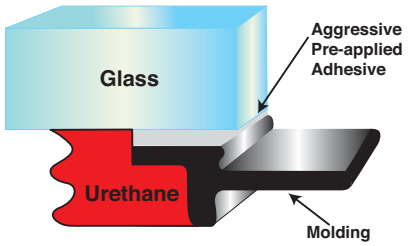


CAT. NO. 409T202

CRL Underside Molding

- **Designed for Exposed Edge Glass**
- **Bonds Well With All Urethanes**

CRL Underside Molding is used to replace moldings that get damaged when you remove and replace exposed edge glass used on many newer vehicles. It has a pre-applied adhesive strip that bonds directly to the underside of the glass. Dual extruded roll contains 90 total feet (27.4 m) of Molding. Minimum order is one roll.



CAT. NO. 409T201

CRL Underside Molding Installation Tool

- **Quickly Installs Our 409T201 Underside Molding**

The CRL Underside Molding Installation Tool takes the work out of installing our 409T201 Underside Molding. The tool holds the Molding in perfect position and quickly feeds it on to the glass at a consistent distance from the outside edge. Made from heavy-duty plastic material that will give you years of service. Minimum order is one each.



CAT. NO. 409T00L

CRL Blue Windshield and Trim Securing Tape*

MORE INFORMATION crlaurence.com

- Holds Molding While Urethane Cures
- Leaves No Adhesive Residue for Up to Seven Days



CRL Blue Windshield and Trim Securing Tape is a blue crepe paper tape with built-in UV stability and adhesive transfer resistance for up to seven days. Ideal for holding in moldings on urethane-set windshields, also as a masking tape for tooled silicone joints in frameless shower door installations, or any exterior sealing applications, such as storefronts where the metal needs to be protected.



CAT. NO.	WIDTH	ROLL LENGTH	ROLLS/CASE
BL9934	3/4" (19 mm)	180' (54.8 m)	48
BL991	1" (25.4 mm)	180' (54.8 m)	36
BL99112	1-1/2" (38 mm)	180' (54.8 m)	24
BL992	2" (51 mm)	180' (54.8 m)	24

Minimum order: 1 roll. All tapes on this page can be combined for quantity pricing.

CRL 3M® Blue Windshield and Trim Securing Tape*

- Used to Hold Molding While Urethane Cures
- Leaves No Adhesive Residue for Up to 14 Days



CRL 3M® Blue Windshield and Trim Securing Tape is most commonly used for holding the trim around newly installed windshields while the urethane sets. It has UV stability and resists adhesive transfer for up to 14 days after application.



CAT. NO.	WIDTH	ROLL LENGTH	ROLLS/CASE
3M6817	3/4" (19 mm)	180' (54.8 m)	48
3M6818	1" (25.4 mm)	180' (54.8 m)	36
3M6819	1-1/2" (38 mm)	180' (54.8 m)	24
3M6820	2" (51 mm)	180' (54.8 m)	24

Minimum order: 1 roll. All tapes on this page can be combined for quantity pricing.

CRL Deluxe Windshield and Trim Securing Tape*

- Works in Temperatures From 30 to 200°F (-1 to 93°C)
- Contains Special UV Inhibitors
- Never Leaves a Residue



CRL Deluxe Windshield and Trim Securing Tape is a high strength, 9 mil thick white polyethylene tape with special UV inhibitors and adhesive. It will work in temperatures from 30 to 200°F (-1 to 93°C) and will never leave a residue, even when left on for days. You can feel confident that no cleanup will ever be required securing the windshield and trim with this tape.



CAT. NO.	WIDTH	ROLL LENGTH	ROLLS/CASE
921W	1" (25.4 mm)	108' (32.9 m)	48
922W	2" (51 mm)	108' (32.9 m)	24

Minimum order: 1 roll. All tapes on this page can be combined for quantity pricing.

***WARNING**

These products are not recommended for use on poorly repainted or lacquered surfaces. Purchaser shall be solely responsible for determining the adequacy of these products for any and all uses to which the purchaser shall apply these products, and the application of these products by the purchaser shall not be subject to any implied warranty of fitness for that purpose. Statements or descriptions of these products are for information only, and not made or given as a warranty of these products in any way.

3M is a registered trademark of 3M Company.

CRL Automotive Masking Tape



- Adheres Evenly
- Strips Clean

Professional auto body shops use CRL Automotive Masking Tape for refinish painting. Its excellent conformability and stain-resistant curing adhesive let you do it right the first time. Eliminates paint build-up along the tape line, and strips clean.

CAT. NO.	WIDTH	ROLL LENGTH	ROLLS/CASE
13934	3/4" (19 mm)	180' (54.8 m)	48
1392	2" (51 mm)	180' (54.8 m)	24

Minimum order: 1 roll. Sizes can be combined for quantity pricing.

CRL 3M® Automotive Masking Tape



- Expressly for the Professional Auto Paint Refinisher
- Solvent Resistant

Made expressly for the professional auto paint refinisher, 3M® Automotive Masking Tape features good holding power, conformability, instant adhesion, solvent resistance, and smooth texture. It unwinds easily from the roll, and stretches around moldings, handles, etc., without pulling away.

CAT. NO.	WIDTH	ROLL LENGTH	ROLLS/CASE
3M26334	3/4" (19 mm)	180' (54.8 m)	48
3M26336	1" (25.4 mm)	180' (54.8 m)	36
3M26340	2" (51 mm)	180' (54.8 m)	24

Minimum order: 1 roll. Sizes can be combined for quantity pricing.

CRL Friction Tape

MORE INFORMATION crlaurence.com

- An Auto Glass Shop Favorite for Setting Glass
- Tacky Adhesive on Both Sides

CRL Friction Tape is a heavy fabric tape with a tacky adhesive on both sides. A long time favorite in auto glass shops for setting vent and door glass in channels, you will find it has many industrial and manufacturing uses. Each roll is individually wrapped to preserve shelf life.

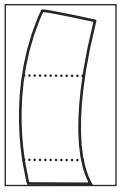


CAT. NO.	WIDTH	ROLL LENGTH	ROLLS/CASE
FT34	3/4" (19 mm)	60' (18.3 m)	50
FT112	1-1/2" (38 mm)	60' (18.3 m)	50

Minimum order: 1 roll. Sizes can be combined for quantity pricing.

CRL Vinyl Molding Retention Tape*

- Temporarily Holds Moldings
- Perforated Every 6" for Easy Tearing
- Orange or Clear Color With or Without Printed 24 Hour Warning



Perforations

Designed to temporarily hold moldings while auto urethane adhesives cure. Vinyl tape repels water better than masking tapes. Perforations every 6" (152 mm) throughout the roll makes it easy to tear off perfect size strips to hold down corners. 108 feet (32.9 m) per roll.



Clear with Imprint



Clear without Imprint



Orange with Imprint



Orange without Imprint

ORANGE CAT. NO.	CLEAR CAT. NO.	24 HOUR IMPRINT	WIDTH	ROLLS/ CASE
MT112	MT112C	NO	1-1/2" (38 mm)	32
MT112W	MT112CW	YES	1-1/2" (38 mm)	32
MT2	MT2C	NO	2" (51 mm)	24
MT2W	MT2CW	YES	2" (51 mm)	24

Minimum order: 1 roll. Sizes and colors can be combined for quantity pricing.

***WARNING:** Do not use with or on lacquers, wallpapers, unpainted wallboard, or poorly bonded re-painted finishes. Purchaser shall be solely responsible for determining the adequacy of these products for any and all uses to which the purchaser shall apply these products, and the application of these products by the purchaser shall not be subject to any implied warranty of fitness for that purpose. Statements or descriptions of these products are for information only, and not made or given as a warranty of these products in any way.

3M is a registered trademark of 3M Company.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL Cork and Rubber Tuff-Pak Glass Setting Tape

- Compresses for Tight Seal
- Cushions Glass





The cork content in CRL Tuff-Pak Glass Setting Tape makes it compressible, for a strong setting that is both a cushion and a tight seal. Tuff-Pak has the right proportion of cork and rubber to provide an all-purpose tape with these specific advantages; flexibility, better grip on glass, high cork content, superior cloth backing, and versatility. Tuff-Pak Tape is the accepted standard of the auto glass industry.

CAT. NO.	THICKNESS	WIDTH	ROLL LENGTH
690	1/32" (0.79 mm)	1-1/2" (38.1 mm)	100' (30.5 m)
720	1/16" (1.58 mm)	1-1/2" (38.1 mm)	100' (30.5 m)
760	5/64" (1.98 mm)	1-1/2" (38.1 mm)	50' (15.2 m)
770	3/64" (1.19 mm)	1-1/2" (38.1 mm)	100' (30.5 m)
820	3/32" (2.38 mm)	1-1/2" (38.1 mm)	50' (15.2 m)

Minimum order: 1 roll. Sizes can be combined for quantity pricing.

CRL Sealstrip Glass Setting Tape

- Firmly Retains Glass
- Prevents Breakage





MORE CHOICES crlaurence.com

CRL Sealstrip holds glass firmly and for keeps. Seals against dirt, moisture and weather. Insulates against sound and vibration, and won't stretch out of shape.

CAT. NO.	THICKNESS	WIDTH	ROLL LENGTH
A4264	1/32" (0.79 mm)	1-1/2" (38.1 mm)	100' (30.5 m)
A4262	1/16" (1.58 mm)	1-1/2" (38.1 mm)	100' (30.5 m)
A46142	5/64" (1.98 mm)	1-1/2" (38.1 mm)	100' (30.5 m)
A4263	3/64" (1.19 mm)	1-1/2" (38.1 mm)	100' (30.5 m)
A4261	3/32" (2.38 mm)	1-1/2" (38.1 mm)	100' (30.5 m)

Minimum order: 1 roll. Sizes can be combined for quantity pricing.

CRL Mohair Channel Liner

- Rubberized Backing
- Refurbish Old Glass Run Channels





MORE INFORMATION crlaurence.com

CRL Mohair Channel Liner is a black mohair lining material with rubberized backing. Apply adhesive to back of liner and bond to badly worn division bars and channels on cars and trucks. Re-lines guide bars on lock side of hardtops and convertibles. It can also be cut into shapes and glued to bases to protect glass desktops and shelves.

CAT. NO.	WIDTH	ROLL LENGTH
6112	1-5/8" (41.3 mm)	50' (15.2 m)
6114	2-5/8" (66.7 mm)	40' (12.2 m)

Minimum order: 1 roll. Sizes can be combined for quantity pricing.

CRL Moleskin Channel Liner

- Adhesive Backed
- Full Width or in 1/4" Strips



CRL Moleskin Channel Liner is a black-colored, fine felt bonded to an adhesive-coated backing film. It has many diverse uses, such as acting as a liner for glass run channel, a cushion between “showcase” glass and frames, or as a protective liner on the bottom of objects to be displayed on glass shelves.

CAT. NO.	DESCRIPTION	ROLL LENGTH
C5901	Solid 1" (25.4 mm) Wide	90' (27.4 m)
C590290	Solid 2" (50.8 mm) Wide	90' (27.4 m)
C590190	1/4" (6.4 mm) Strips 1" (25.4 mm) Wide	90' (27.4 m)

Minimum order: 1 roll. Sizes can be combined for quantity pricing.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Dor-Tite Sponge Rubber Weatherstripping

MORE CHOICES crlaurence.com

- Weatherproofs and Cushions Against Vibrations, Rattles, and Drafts
- Self-Adhesive – Easy to Apply
- Endless Applications



CRL Dor-Tite is a black, open cell, Sponge Rubber Weatherstripping with adhesive on one side that can be used in a variety of applications: cushioning, insulating, dustproofing, weatherproofing, sealing, rattleproofing and more.

Dor-Tite is used by the manufacturers of campers, trailers, freezer boxes, metal buildings, electrical control panel boxes, office furniture, and mobile homes. It makes an effective weather seal around air conditioning and heater units. It can also be used as a jamb seal for sliding doors and windows. Available in different widths and thicknesses to fit most any size joint. Dor-Tite is easy to use – just remove the adhesive cover and apply. No clean up is required. The strip's exposed surface has a very fine satin finish and is non-stretchable.

CAT. NO.	WIDTH	THICKNESS	ROLL/LENGTH	ROLLS/CASE
D3450	1/2" (12 mm)	3/16" (5 mm)	50' (15.2 m)	20
D3850	1" (25 mm)	3/16" (5 mm)	50' (15.2 m)	10
D4450	1/2" (12 mm)	1/4" (6 mm)	50' (15.2 m)	20
D4650	3/4" (19 mm)	1/4" (6 mm)	50' (15.2 m)	15
D4850	1" (25 mm)	1/4" (6 mm)	50' (15.2 m)	10
D9425	1/2" (12 mm)	9/16" (14 mm)	25' (7.6 m)	10
D9625	3/4" (19 mm)	9/16" (14 mm)	25' (7.6 m)	15
D9825	1" (25 mm)	9/16" (14 mm)	25' (7.6 m)	10

Minimum order: 1 roll. Sizes can be combined for quantity pricing.

CRL Putty Tape

- Extruded Gray Color Caulking Tape Used to Seal Between Vehicle Body and Aluminum Window Frames
- Great for Van and RV Windows



Use CRL Putty Tape to seal between the vehicle body and frames of aluminum windows. Originally designed for manufacturers of mobile homes, campers and RVs, the material stays soft and pliable, so it installs easily and conforms well to corners. It comes rolled on specially treated release paper for easy handling, and is easy to clean up.

CAT. NO.	WIDTH	THICKNESS	ROLL/LENGTH	ROLLS/CASE
PT34X18	3/4" (19 mm)	1/8" (3 mm)	30' (9.1 mm)	20
PT1X18	1" (25 mm)	1/8" (3 mm)	30' (9.1 mm)	16

Minimum order: 1 case. Sizes can be combined for quantity pricing.

CRL 3M® Very High Bond Manufacturing Tape

- Super Adhesive, High Bonding Strength White Tape Can Replace Rivets, Screws, Spot Welds, and Liquid Adhesives
- Can Be Used for Interior or Exterior Industrial Applications
- Bonds to Many Substrates



CRL 3M® VHB® Tape can replace mechanical fasteners such as rivets, spot welds, screws, and liquid adhesives. VHB® Tape has successfully replaced all these and other fasteners in various manufacturing uses. It bonds to many substrates, and can be used for interior or exterior industrial applications. VHB® Tape eliminates drilling for mechanical fasteners, and mixing of liquid adhesives. It applies neatly and easily, conforms to irregular surfaces, and allows concealment in use. Excellent resistance to ultraviolet light, solvents, moisture, and plasticizer migration.

CAT. NO.	WIDTH	THICKNESS	ROLL/LENGTH	ROLLS/CASE
494512	3/4" (19 mm)	.045" (1.1 mm)	108' (32.9 m)	18
494534	1" (25.4 mm)	.045" (1.1 mm)	108' (32.9 m)	12
49451	1-1/2" (38 mm)	.045" (1.1 mm)	108' (32.9 m)	9
49452	2" (51 mm)	.045" (1.1 mm)	108' (32.9 m)	6

Minimum order: 1 roll. Sizes can be combined for quantity pricing.

3M and VHB are registered trademarks of 3M Company.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

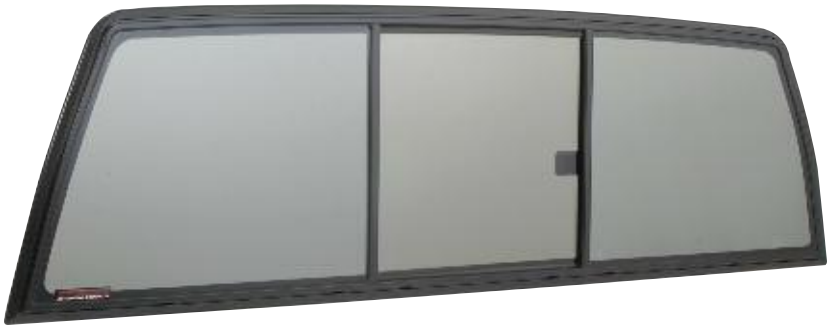
CRL US ALUMINUM

CRL Pickup Truck Sliders

MORE INFORMATION
crlaurence.com

C.R. Laurence is the only manufacturer to offer truck sliding windows for over 60 model years including all major truck manufacturers, domestic and imports, Classic Oldies, and Big Rigs. CRL Truck Slider Frames are contoured to match the shape of the truck cab and, with some sliders, incorporate molded curved glass to achieve a factory appearance as well as cut down glare. To continue leading the way, CRL has created the "Perfect Fit" Flexible Flange Frame for some of the most popular truck models. This "Tri-Vent" Slider incorporates a soft rubber flange which hugs the body of the vehicle and fits closer to the opening for that "Flush Glass" look.

Keeping with the factory-installed appearance and ease of installation, CRL does not overlook the attention to any detail. CRL Sliders install just like the factory back glass in almost every application and, depending on the model for your truck, a "Perfect Fit" flange for that "Flush Glass" look as well as fade away glass borders to conceal interior trim and pinchweld areas. They also feature slimline frames and narrow vertical stiles to maximize rear-view visibility, concealed weep holes on Ford F-Series Sliders, a two-stage glass sliding track to provide the smoothest sliding operation and reduced wind noise, and a choice of up to three glass colors are available.

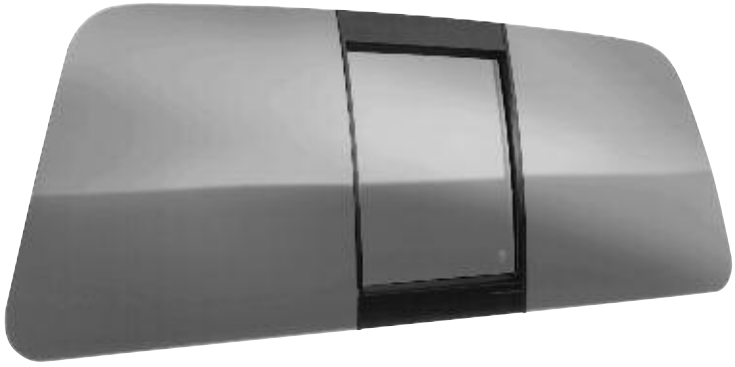


• Exact Fit Frames

Our slider frames are contoured to match the shape of the truck cab, model by model, make by make. Our Deluxe Sliders utilize contoured frames and molded curved glass to achieve a factory appearance.

• Fade Away Silk Screen Glass Borders

Some models have silk screened fade away borders to conceal interior trim and pinchweld areas, again to achieve a factory-installed appearance.



• Vent Weather Guard

Starting with '94+ Dodge Ram and '97+ Ford F-Series, this feature conceals and protects the interior headliner when the window is open.

• No Exposed Weep Holes

Now available on '97+ Ford F-Series Sliders, providing a smooth, sleek appearance.

• Slimline Frame and Narrow Vertical Stiles

Allow maximum glass area and increase rear-view visibility.



• Choice of Three Glass Colors

Clear, Light Tint, and Solar Privacy Glass is available on most models.

• Two-Stage Glass Sliding Track

Track design provides the smoothest sliding operation and reduces wind noise.



• ABS Interior Trim Covers

Specifically for '95-'97 Dodge Ram Extended Cab and '87-'96 Dodge Dakota Extended Cab Trucks.

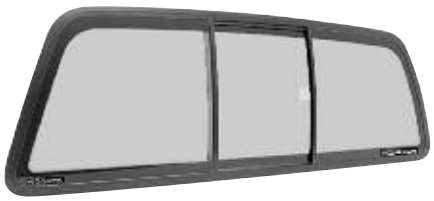
• Our Exclusive Self-Locking Latch

Is now standard on all Tri-Vents, making opening and closing a one-finger operation.

CRL TRUCK SLIDERS

go to:
crlaurence.com/**sliders**

CRL Electric POWR-Slider



POWR SLIDER ELECTRIC SLIDING REAR WINDOW
C.R. LAURENCE CO., INC. PATENT NO. 4,920,698

- Push Button Convenience
- Black Frame Surrounds Solar Privacy Glass
- Available for Domestic and Imported Trucks

CRL "Perfect Fit" Slider



- Available in Both Manual Tri-Vent and Electric POWR-Slider Models
- Soft Flexible Flange Hugs Body Contours
- Customer Satisfied Fit Every Time
- Low Profile "Flush Glass" Look
- Available in Some Model Years as Early as 1994
- Curved Glass in Up to 3 Colors

CRL Tri-Vent Slider



- Factory Style Three Panel Design
- Deluxe Models Have Curved Glass to Reduce Glare
- Exclusive Self-Locking Latch
- "Perfect Fit" Flexible Flange Frame on Selected Models
- Silk Screen Fade Away Border Conceals Interior Trim on Selected Models

CRL Duo-Vent Slider



- Original Four Panel Slider Design
- Widest Possible Opening
- Fully Contoured Black Aluminum Frame With Tight Sealing Weatherstrip
- Tempered Glass and Locking Latches

CRL "All Glass Look" Slider



- Available for Ford 1997-2003 F-150/F-250, 2004 Heritage
- OEM Style Appearance
- Bolt-In Installation Utilizing Factory Fasteners
- Exclusive Self-Locking Latch
- Narrow Stiles Allow for Maximum Glass Area

Choice of Up to Three Glass Colors

MORE INFORMATION crlaurence.com



Clear Glass



Light Tint Glass



Solar Privacy Glass

CRL "Perfect Fit" Sliders for Ford 2004+ F-150 Pickups

CRL US ALUMINUM MANUFACTURED IN THE USA

The use of the original equipment manufacturer's emblems throughout this catalog is intended solely as a guide to product selection. It does not infer, and is not to be construed as, an affiliation between C.R. Laurence Company and these manufacturers, nor as an endorsement of their products.

- Fully Contoured, Flexible Flange "Perfect Fit" Frame Reduces Road Noise
- Deluxe Curved Glass in Both Electric POWR-Slider and Tri-Vent Models
- Installs Just Like the Factory Backglass

POWR ELECTRIC SLIDING REAR WINDOW SLIDER
C.R. LAURENCE CO., INC. PATENT NO. 4,920,698

POWR
POWER WITH THE TOUCH OF A SWITCH



'04+ FORD F-150 SLIDERS

CAT. NO.	MODEL	GLASS
EPC994S	"Perfect Fit" POWR-Slider	Solar Privacy
ECT994S	"Perfect Fit" Tri-Vent	Solar Privacy
ECT994LT	"Perfect Fit" Tri-Vent	Light Tint

Minimum order: 1 each. Also fits 2006-2008 Lincoln Mark LT.

CRL Tri-Vent Sliders for Ford F-250/F-350/F-450/F-550 Super Duty Trucks

'99-'07 FORD SUPER DUTY SLIDERS

CAT. NO.	MODEL	GLASS
PSC998S*	"Perfect Fit" POWR-Slider	Solar Privacy
TRC998S	"Perfect Fit" Tri-Vent	Solar Privacy

Minimum order: 1 each. ***NOTE:** Gasket included.

'08+ FORD SUPER DUTY SLIDERS

CAT. NO.	MODEL	GLASS
EPC208S	"Perfect Fit" POWR-Slider	Solar Privacy
ECT208S	"Perfect Fit" Tri-Vent	Solar Privacy

Minimum order: 1 each.



CRL Tri-Vent Sliders for Ford '97-'03 F-150 and F-250

MORE CHOICES crlaurence.com

- Popular Tri-Vent Model With "All Glass Look" OEM-Style Appearance
- Installs Just Like the Factory Backglass
- Curved Glass Matches Body Contours
- Close-Fitting Tolerance Ensures "Gap Free" Fit
- Self-Locking Latch
- Available in Both Manual and POWR-Slider

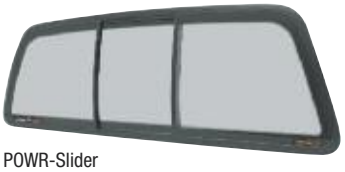


'97-'03 FORD F-150 AND F-250 SLIDERS

CAT. NO.	MODEL	GLASS
EPC990S	Deluxe POWR-Slider	Solar Privacy
ECT990S	Deluxe Tri-Vent	Solar Privacy
ECT990LT	Deluxe Tri-Vent	Light Tint
ECT990B	Deluxe Tri-Vent	Clear

Minimum order: 1 each. Also fits 2002 Lincoln Blackwood.

CRL TRUCK SLIDERS - FORD



POWR-Slider



Tri-Vent



Duo-Vent

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FORD POWR-SLIDER AND TRI-VENT SLIDER APPLICATION CHART

BODY TYPE & INSTALLATION	YEARS	MODEL	DIMENSIONS (W X H)	CLEAR	LIGHT TINT	SOLAR PRIVACY	POWR-SLIDER	REPLACEMENT REAR GASKET
Full/Gasket	'73-'96	F-Series	59-3/8" x 17"	—	—	—	PS950S	WBL1158
Mid/Bonded	'86-'97	Ranger Super	53" x 17-13/16"	—	ETRV965LT	ETRV965S	EPS965S	—
Full/Bolt-In	'97-'03	F-150/F-250 □	58-7/8" x 18-1/4"	ECT990B	ECT990LT	ECT990S	EPC990S	—
Full/Gasket	'97-'98	F-250/F-350 HD	59-3/8" x 17"	—	—	—	PS950S	WBL1158
Mid/Bonded	'98+	Ranger 2DR	53" x 17-13/16"	—	ETRV965LT	ETRV965S	EPS965S	—
Mid/Bonded	'99+	Ranger 4DR	53" x 17-13/16"	—	ETRV965LT	ETRV965S	EPS965SQ	—
Full/Gasket	'99-'07	F-Series SD	64-5/8" x 18-1/2"	—	—	TRC998S	PSC998S	WBL450*
Full/Bolt-In	'04+	F-150	63-1/2" x 16-7/8"	—	ECT994LT	ECT994S	EPC994S	—
Full/Bonded	'08+	F-Series SD	65" x 18-3/8"	—	—	ECT208S	EPC208S	—

Minimum order: 1 each. □ Also fits the Lincoln Blackwood. For our complete selection of Sliders go to crlaurence.com/sliders.

*Supplied with PSC998S.

FORD DUO-VENT SLIDER APPLICATION CHART

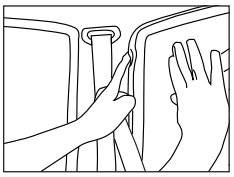
BODY TYPE & INSTALLATION	YEARS	MODEL	DIMENSIONS (W X H)	CLEAR	LIGHT TINT	SOLAR PRIVACY	REPLACEMENT REAR GASKET
Full/Gasket	'53-'56	All	50-1/4" x 11"	—	—	TSW1826S	WBL1103
Full/Gasket	'57-'60	All	44-3/4" x 11"	TSW1827	—	—	—
Full/Gasket	'61-'66	All	49-13/16" x 13-11/16"	TSW1450	—	—	WBL1052
Full/Gasket	'67-'72	All	55-5/16" x 13-3/16"	TSW200B	TSW200LT	TSW200S	WBL1089
Full/Gasket	'73-'96	F-Series	59-3/8" x 17"	TSW950B	TSW950LT	TSW950S	WBL1158
OEM Replacement	'73-'96	F-Series	59-3/8" x 17"	—	7130ET	7130EP	PROVIDED
OEM Replacement	'83-'97	Ranger	49" x 14-3/8"	—	7140ET	7140EP	PROVIDED
Mid/Gasket	'83-'97	Ranger Std.	49" x 14-3/8"	TSW1200B	TSW1200LT	TSW1200S	WBL1163
Mid/Bonded	'86-'97	Ranger Super	53" x 17-13/16"	EDV965B	—	EDV965S	—
Full/Gasket	'97-'98	F-250/F-350 HD	59-3/8" x 17"	TSW950B	TSW950LT	TSW950S	WBL1158
Mid/Bonded	'98+	All Ranger	53" x 17-13/16"	EDV965B	—	EDV965S	—

Minimum order: 1 each. For our complete selection of Sliders go to crlaurence.com/sliders.

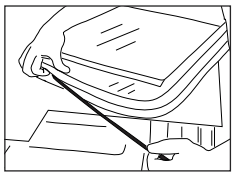
CRL Truck Slider Installation

Gasket Installed Rear Glass

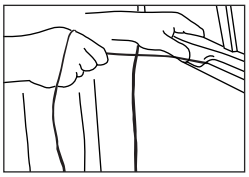
MORE INFORMATION crlaurence.com



- Push Out Rear Glass and Gasket
- Clean Pinchweld Area Before Re-Installing Gasket

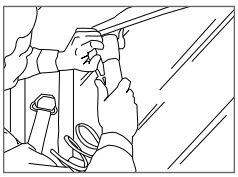


- Install Gasket Around Slider
- Insert 1/8" Nylon Rope in Gasket Channel

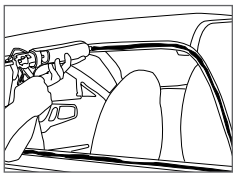


- Fit Slider Into Opening
- Pull Rope Ends to Lift Lip of Gasket Over Pinchweld

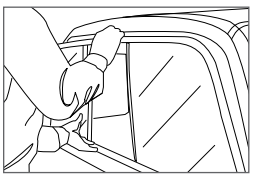
Bonded Rear Glass



- Remove Rear Glass Using Power Cut-Out Tool
- Trim Existing Urethane Bead

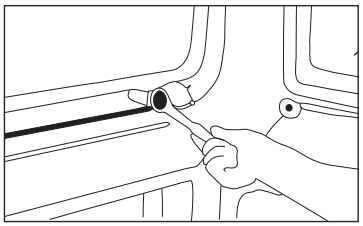


- Dry-Fit Slider to Check for Proper Fit
- Prep Cab and Prime Frame With Appropriate Urethane Primer
- Apply New Bead of Urethane

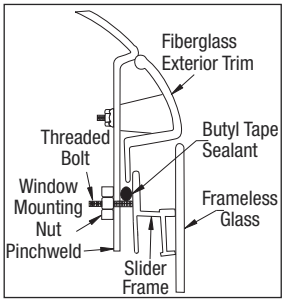


- Place Slider Into Opening, Then Install Clips or Bend Tabs

Bolted-In Rear Glass



- Remove Nuts Holding Rear Glass
- Push Out Rear Glass and Remove Existing Butyl
- Dry Fit Slider to Check for Proper Fit
- Apply Butyl to Frame
- Place Slider Into Opening
- Re-Install Nuts to Secure Slider



CRL "Perfect Fit" Sliders for Chevy/GMC

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- Flex-Flange Technology Achieves A "Flush Glass" Look
- Available in Both Manual Tri-Vent and Electric POWR-Slider
- Exclusive Self-Locking Latch
- Deluxe Curved Glass







1999 TO 2013 CHEVY/GMC SILVERADO/SIERRA

CAT. NO.	MODEL	GLASS
EPC899S	Perfect Fit POWR-Slider	Solar Privacy
ECT899S	Perfect Fit Tri-Vent	Solar Privacy
ECT899LT	Perfect Fit Tri-Vent	Light Tint
ECT899B	Perfect Fit Tri-Vent	Clear

Minimum order: 1 each.

2014+ CHEVY/GMC SILVERADO/SIERRA

CAT. NO.	MODEL	GLASS
EPC814S	Perfect Fit POWR-Slider	Solar Privacy
ECT814S	Perfect Fit Tri-Vent	Solar Privacy

Minimum order: 1 each.

1994 TO 2003 CHEVY/GMC "S" SERIES

CAT. NO.	MODEL	GLASS
EPC894S	Perfect Fit POWR-Slider	Solar Privacy
ECT894S	Perfect Fit Tri-Vent	Solar Privacy
ECT894LT	Perfect Fit Tri-Vent	Light Tint
ECT894B	Perfect Fit Tri-Vent	Clear

Minimum order: 1 each.

2004+ CHEVY/GMC COLORADO/CANYON

CAT. NO.	MODEL	GLASS
EPC804S	Perfect Fit POWR-Slider	Solar Privacy
ECT804S	Perfect Fit Tri-Vent	Solar Privacy
ECT804LT	Perfect Fit Tri-Vent	Light Tint
ECT804B	Perfect Fit Tri-Vent	Clear

Minimum order: 1 each.

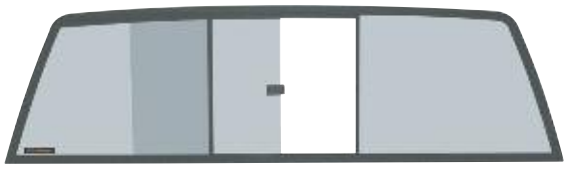
POWR
POWER WITH THE TOUCH OF A SWITCH

POWR SLIDER ELECTRIC SLIDING REAR WINDOW
C.R. LAURENCE CO., INC. PATENT NO. 4,920,698

CRL Tri-Vent Sliders for Chevy/GMC

CRL US ALUMINUM MANUFACTURED IN THE USA

- Original Equipment Three Panel Design
- Exclusive Self-Locking Latch





CHEVY/GMC TRI-VENT AND POWR-SLIDER APPLICATION CHART

BODY TYPE & INSTALLATION	YEARS	MODEL	DIMENSIONS (W X H)	CLEAR	LIGHT TINT	SOLAR PRIVACY	POWR-SLIDER	REPLACEMENT REAR GASKET
Full/Gasket	'67-'72	Standard Cab	58-7/8" x 13-15/16"	—	—	—	PS100S	WBL1092
Full/Gasket	'73-'87	Older 'C/K'	62-3/4" x 14-1/2"	—	—	—	PS850S	WBL1135
Mid/Gasket	'82-'93	'S' Series	52-13/16" x 13-15/16"	—	—	—	PS875S	WBL6425
Full/Gasket	'88-'92	'R/V'	62-3/4" x 14-1/2"	—	—	—	PS850S	WBL1135
Full/Bonded	'88-'00	'C/K'	64-1/8" x 18-1/2"	—	—	ETRV880S	EPS880S	—
Mid/Bonded	'94-'03	'S' Series	55-13/16" x 15-3/4"	ECT894B △□	ECT894LT △□	ECT894S △□	EPC894S △□	—
Mid/Bonded	'04+	Colorado/Canyon	54" x 13-11/16"	ECT804B △□	ECT804LT △□	ECT804S △□	EPC804S △□	—
Full/Bonded	'99-'13	Silverado/Sierra	64-3/4" x 18-1/8"	ECT899B △□	ECT899LT △□	ECT899S △□	EPC899S △□	—
Full/Bonded	'03-'09	Kodiak/Top Kick	53-1/2" x 22"	—	—	ETRV877S □	EPS877S □	—
Full/Bonded	2014+	Silverado/Sierra	63-3/8" x 16-7/8"	—	—	ECT814S △□	EPC814S △□	—

Minimum order: 1 each. For our complete selection of Sliders go to crlaurence.com/sliders. △ Curved Glass Slider. □ "Perfect Fit" Flexible Flange.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

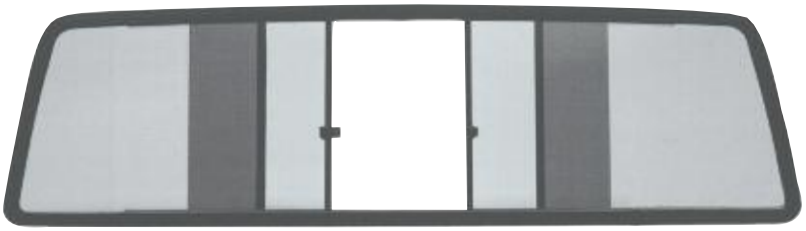
CRL US ALUMINUM

CRL Duo-Vent for Chevy/GMC

- Classic Four Panel Design
- Choice of Up to Three Glass Colors

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MORE CHOICES
crlaurence.com





CHEVY/GMC DUO-VENT SLIDER APPLICATION CHART

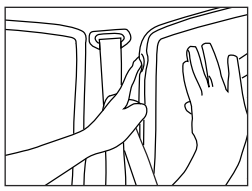
BODY TYPE & INSTALLATION	YEARS	MODEL	DIMENSIONS (W X H)	CLEAR	LIGHT TINT	SOLAR PRIVACY	REPLACEMENT REAR GASKET
Full/Gasket	'48-'55	Standard Cab	31-1/8" x 10-3/8"	—	—	TSW1829S	WKT4266
Full/Gasket	'55-1/2-'59	Standard Cab	35" x 10-5/8"	—	—	TSW1835S	WKT4266
Full/Gasket	'60-'66	Small Window	36-7/8" x 9-7/8"	TSW1816	—	—	WKT4266
Full/Gasket	'60-'66	Custom Cab	60-1/2" x 14-3/4"	TSW1825	—	—	WKT6266
Full/Gasket	'67-'72	Small Window	41-1/8" x 11"	TSW1832	—	—	WBL1091
Full/Gasket	'67-'72	Standard Cab	58-7/8" x 13-15/16"	TSW100B	TSW100LT	TSW100S	WBL1092
Mid/Butyl	'68-'72	El Camino/Sprint	55-1/4" x 14-11/16"	—	TSW1823T	—	—
Full/Gasket	'73-'87	Older 'C/K' Cab	62-3/4" x 14-1/2"	TSW850B	TSW850LT	TSW850S	WBL1135
Mini/Gasket	'81-'83	Luv	46-3/4" x 12-1/4"	—	—	TSW575S	—
Mid/Gasket	'82-'93	'S' Series	52-13/16" x 13-15/16"	TSW875B	TSW875LT	TSW875S	WBL6425
Full/Gasket	'88-'92	'R/V' Cab	62-3/4" x 14-1/2"	TSW850B	TSW850LT	TSW850S	WBL1135
Full/Bonded	'88-'00	'C/K' Cab	64-1/8" x 18-1/2"	EDV880B	EDV880LT	EDV880S	—

Minimum order: 1 each. For our complete selection of Sliders go to crlaurence.com/sliders.

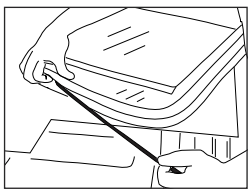
CRL Truck Slider Installation

MORE INFORMATION
crlaurence.com

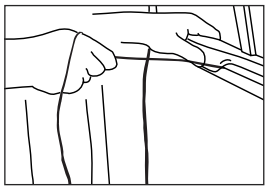
Gasket Installed Rear Glass



- Push Out Rear Glass and Gasket
- Clean Pinchweld Area Before Re-Installing Gasket

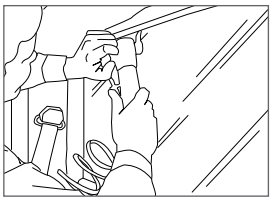


- Install Gasket Around Slider
- Insert 1/8" Nylon Rope in Gasket Channel

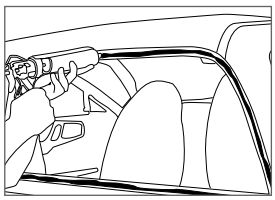


- Fit Slider Into Opening
- Pull Rope Ends to Lift Lip of Gasket Over Pinchweld

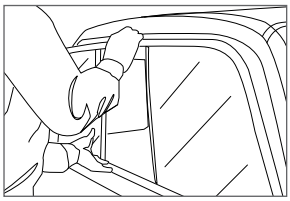
Bonded Rear Glass



- Remove Rear Glass Using Power Cut-Out Tool
- Trim Existing Urethane Bead



- Dry-Fit Slider to Check for Proper Fit
- Prep Cab and Prime Frame With Appropriate Urethane Primer
- Apply New Bead of Urethane



- Place Slider Into Opening, Then Install Clips or Bend Tabs

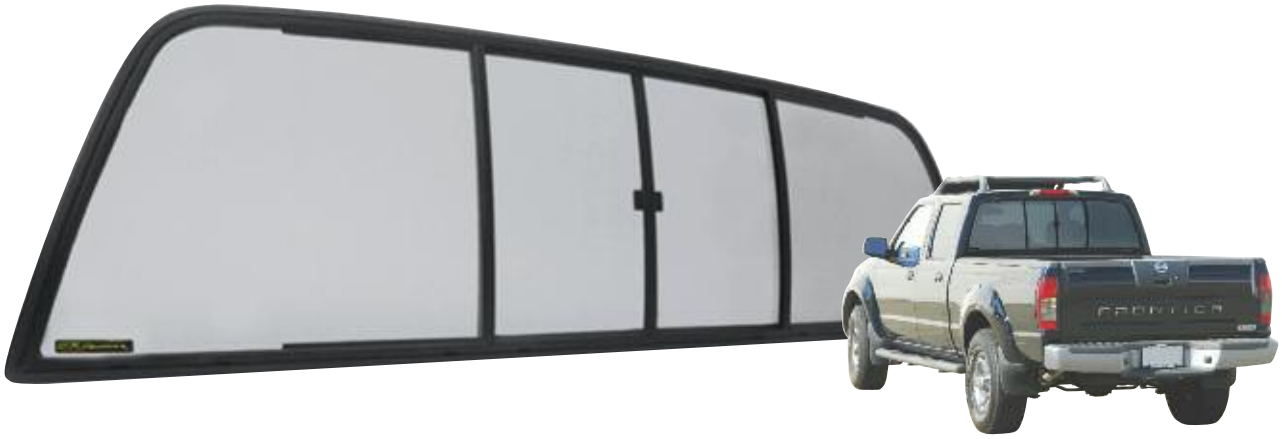
CRL Import Truck Sliders

CRL Duo-Vents for Imports

- Classic Four Panel Design
- Full Perimeter Black Frame
- Up to Three Glass Options
- Largest Pass Through Opening
- Metal Locking Latches for Security

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MORE INFORMATION
crlaurence.com



DUO-VENT SLIDER APPLICATION CHART

BODY TYPE & INSTALLATION	YEARS	MODEL	DIMENSIONS (W X H)	CLEAR	LIGHT TINT	SOLAR PRIVACY	REPLACEMENT REAR GASKET
ISUZU							
Mini/Gasket	'81-'87	Standard Cab	46-3/4" x 12-1/4"	—	—	TSW575S	—
Mini/Gasket	'88-'95	All Cabs	52-11/16" x 14-3/16"	TSW610B	TSW610LT	TSW610S	—
MAZDA							
Mini/Gasket	'86-'93	All Cabs	50-1/8" x 14-9/16"	—	—	TSW325S	WCR3098
OEM Replacement	'94-'97	Standard Cab	49" x 14-3/8"	—	7140ET	7140EP	PROVIDED
Mid/Gasket	'94-'97	Standard Cab	49" x 14-3/8"	TSW1200B	TSW1200LT	TSW1200S	WBL1163
Mid/Bonded	'94-'97	Plus Cab	53" x 17-13/16"	EDV965B	—	EDV965S	—
Mid/Bonded	'98+	All Cabs	53" x 17-13/16"	EDV965B	—	EDV965S	—
MITSUBISHI							
Mini/Gasket	'79-'86	Standard Cab	46-11/16" x 14-1/16"	—	—	TSW925S	—
Mini/Gasket	'87-'96	Std. and Macro Cabs	53-1/8" x 13-7/8"	—	—	TSW935S	WBL3429
NISSAN/DATSUN							
Mini/Gasket	'80-'86	Standard Cab	49-1/16" x 12-3/4"	TSW1080B	TSW1080LT	TSW1080S	WBL1988
Mini/Gasket	'80-'86	King Cab	52-1/8" x 14-15/16"	—	TSW1090LT	TSW1090S	—
Mini/Gasket	'86-1/2-'97	All Cabs	53-1/2" x 14-15/16"	TSW1060B	TSW1060LT	TSW1060S	WBL3230
TOYOTA							
Mini/Gasket	'73-'78	Standard Cab	44-13/16" x 12-1/16"	—	—	TSW1050S	—
Mini/Gasket	'79-'83	Standard Cab	45-3/8" x 11-1/2"	TSW1025B	TSW1025LT	TSW1025S	WBL3971
Mini/Gasket	'84-'88	SR5 Extended	51-1/4" x 15-13/16"	TSW1425B	TSW1425LT	TSW1425S	—
Mini/Gasket	'84-'95	SR5 Standard	50-1/16" x 13-3/16"	TSW1400B	TSW1400LT	TSW1400S	WBL2669 '84-'88 WBL2669A '89-'95
Mini/Gasket	'89-'95	SR5 Xtra	50-1/2" x 14-7/8"	TSW1460B	TSW1460LT	— TSW1460S	WBL3894
Mid/Gasket	'93-'98	All T100	58-3/8" x 14-7/8"	—	—	TSW500S	WBL4798
Mini/Gasket	'95-'04	All Tacoma	50-1/16" x 13-3/16"	TSW1500B	TSW1500LT	TSW1500S	WBLF5475
VOLKSWAGEN							
Mini/Gasket	'80-'83	Rabbit	45" x 14"	TSW1070B	TSW1070LT	—	—
Mini/Gasket	'82-'92	Caddy*	45" x 14"	TSW1070B	TSW1070LT	—	—

Minimum order: 1 each. For our complete selection of Sliders go to crlaurence.com/sliders. *'82-'96 in Europe only.

CRL Import Truck Sliders

CRL US ALUMINUM MANUFACTURED IN THE USA

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CRL POWR-Sliders for Imports

- Automatically Locks in Position With Release of the Switch
- Fast and Quiet Micro-Drive Motor
- Solar Privacy Glass
- Slimline Black Frame

CRL Tri-Vents for Imports

- Original Equipment Three Panel Design
- Slimline Black Frame Provides Greatest Visibility
- Available Solar Privacy Glass to Increase Cab Comfort

MORE INFORMATION crlaurence.com

POWR
POWER WITH THE TOUCH OF A SWITCH



POWR-Slider

CRL offers sliders for six import truck manufacturers. The CRL product line includes our progressive three panel Tri-Vent, traditional four panel Duo-Vent, and the original electrically-powered POWR-Slider. Each of our models are manufactured with strict quality standards, and designed to enhance the original factory styling.

TRI-VENT AND POWR-SLIDER APPLICATION CHART

BODY TYPE & INSTALLATION	YEARS	MODEL	DIMENSIONS (W X H)	CLEAR	LIGHT TINT	SOLAR PRIVACY	POWR-SLIDER
ISUZU							
Mini/Gasket	'88-'95	All Cabs	52-11/16" x 14-3/16"	—	—	TRV610S	—
Mid/Bonded	'96-'03	All Cabs	55-13/16" x 15-3/4"	ECT894B△ □	ECT894LT△ □	ECT894S△ □	EPC894S△ □
Mid/Bonded	'04+	All Cabs	54" x 13-11/16"	ECT804B△ □	ECT804LT△ □	ECT804S△ □	EPC804S△ □
MAZDA							
Mid/Bonded	'94-'97	Plus Cab	53" x 17-13/16"	—	ETRV965LT	ETRV965S	EPS965S
Mid/Bonded	'98+	All Cabs	53" x 17-13/16"	—	ETRV965LT	ETRV965S	EPS965S
MITSUBISHI							
Mini/Gasket	'87-'96	Std. and Macro Cabs	53-1/8" x 13-7/8"	—	—	TRV935S	—
NISSAN/DATSUN							
Mini/Bonded	'98-'04	All Frontier	54-1/16" x 15"	ETRV660B	ETRV660LT	ETRV660S	EPS660S
Mid/Bonded	'05+	Frontier	54-3/8" x 15-1/8"	—	ECT655LT	ECT655S	EPC655S
Full/Bonded	'04+	Titan	63-3/8" x 17-3/8"	—	ECT664LT	ECT664S	EPC664S
TOYOTA							
Mini/Gasket	'84-'95	SR5 Standard	50-1/16" x 13-3/16"	—	—	—	PS1400S
Mid/Gasket	'93-'98	All T100	58-3/8" x 14-7/8"	—	—	—	PS500S
Mini/Gasket	'95-'04	All Tacoma	50-1/16" x 13-3/16"	—	—	—	PS1500S
Full/Bonded	'99-'06	All Tundra	60" x 16-1/2"	—	—	ECT1550S△ □	EPC1550S△ □
Mid/Bonded	'05+	Tacoma	56-7/16" x 15"	—	ECT1510LT△ □	ECT1510S△ □	EPC1510S△ □
Full/Bonded	'07+	Tundra	62-1/8" x 17-1/4"	—	—	ECT1565S△ □	EPC1565S△ □

Minimum order: 1 each. For our complete selection of Sliders go to crlaurence.com/sliders. △ Deluxe Curved Glass Slider. □ "Perfect Fit" Flexible Flange Frame.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Truck Sliders for Dodge

The use of the original equipment manufacturer's emblems throughout this catalog is intended solely as a guide to product selection. It does not infer, and is not to be construed as, an affiliation between C.R. Laurence Company and these manufacturers, nor as an endorsement of their products.



CRL POWR-Slider for Dodge

POWR
POWER WITH THE TOUCH OF A SWITCH

- The Original Electric Powered Slider
- Solar Privacy Glass



CRL Tri-Vent for Dodge

- Original Equipment Three Panel Design
- Up to Three Glass Color Choices

MORE INFORMATION
crlaurence.com

DODGE TRI-VENT AND POWR-SLIDER APPLICATION CHART

BODY TYPE & INSTALLATION	YEARS	MODEL	DIMENSIONS (W X H)	CLEAR	LIGHT TINT	SOLAR PRIVACY	POWR-SLIDER	REPLACEMENT REAR GASKET
Mid/Gasket	'86-'93	Dakota Std.	55-3/4" x 16"	—	—	—	PS910S	WBL7158
Mid/Gasket	'86-'96	Dakota Ext.	55-3/4" x 16"	—	—	—	PS910S	WBL7158
Mid/Gasket	'86-'96	Dakota Ext.	55-3/4" x 16"	—	—	ETRV911S ▲	EPS911S ▲	—
Mini/Gasket	'87-'96	D-50	53-1/8" x 13-7/8"	—	—	TRV935S	—	WBL3429
Mid/Gasket	'94-'96	Dakota Std.	55-3/4" x 16"	—	—	ETRV910S	EPS911S	—
Mid/Gasket	'97-'11	All Dakota Cabs	56-11/16" x 16-9/16"	ECT410B □	ECT410LT □	ECT410S □	EPC410S □	—
Full/Gasket	'94-'97	Ram Std.	65-1/2" x 18"	—	—	ECT904S □	EPC904S □	—
Full/Gasket	'95-'97	Ram Ext.	65-1/2" x 18"	—	—	ECT944S □ ▲	EPC944S □ ▲	—
Full/Gasket	'98-'02	All Ram Cabs #	65-1/2" x 18"	—	—	ECT904S □	EPC904S □	—
Full/Gasket	'02-'08	Ram 1500 Only	65-1/2" x 19-3/8"	ECT924B □	ECT924LT □	ECT924S □	EPC924S □	—
Full/Gasket	'03-'08	All Ram Cabs	65-1/2" x 19-3/8"	ECT924B □	ECT924LT □	ECT924S □	EPC924S □	—
Full/Bonded	'09+	All Ram Cabs	62-3/8" x 17-1/2"	—	—	ECT964S □	EPC964S □	—

Minimum order: 1 each. For our complete selection of Sliders go to crlaurence.com/sliders. # Except 2002+ 1500.

□"Perfect Fit" Frame. ▲ Comes with Interior Shroud.



CRL Duo-Vent for Dodge

- Classic Four Panel Design

DODGE DUO-VENT SLIDER APPLICATION CHART

BODY TYPE & INSTALLATION	YEARS	MODEL	DIMENSIONS (W X H)	CLEAR	LIGHT TINT	SOLAR PRIVACY	REPLACEMENT REAR GASKET
Full/Gasket	'72-'75	All Cabs	55" x 13-5/8"	—	—	TSW1307S	WBL1129
Full/Gasket	'75-1/2-'93	All Ram Cabs	55-11/16" x 14-3/8"	TSW900B	TSW900LT	TSW900S	WBL1129
Mini/Gasket	'79-'86	D-50	46-11/16" x 14-1/8"	—	—	TSW925S	—
Mid/Gasket	'87-'96	D-50	53-1/8" x 13-7/8"	—	—	TSW935S	WBL3429
Mid/Gasket	'86-'93	Dakota Std.	55-3/4" x 16"	TSW910B	TSW910LT	TSW910S	WBL7158
Mini/Gasket	'86-'96	Dakota Ext.	55-3/4" x 16"	TSW910B	TSW910LT	TSW910S	WBL7158
Mid/Bonded	'94-'96	Dakota Std.	55-3/4" x 16"	EDV910B	EDV910LT	EDV910S	—

Minimum order: 1 each. For our complete selection of Sliders go to crlaurence.com/sliders.

TOLL Phone: (800) 421-6144
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From Anywhere in the U.S. or Canada

CRL Specialty Sliders

"Oldies" Sliders



- **Available for Trucks Back to 1948**
- **Update Old Slider in Your Restoration Vehicle**
- **Models Available With Clear, Light Tint or Solar Privacy Glass**

CRL offers the most extensive line of "Oldies" Sliders. These sliders offer you the quickest and easiest way to update that older model aluminum slider with a new powder-coated black-framed slider that your restoration vehicle deserves. We cover all the popular trucks, some dating back to 1948. All are designed to fit the factory gasket and install without modification to the cab. Models with clear, light tint, and solar privacy glass come standard with black finished frames. All have locking latches for security. Only CRL offers you a selection like this. See the slider application charts on the previous pages for a listing of "Oldies" Sliders. Part numbers for "Oldies" Sliders begin with TSW.





∅ 1963-1982 (CA47/CAS48/CA49 Series); 1965-1998 (CA49, DM, DMM, R, RB, RD, RL, RM, RS, RW, U SERIES); 1975-1983 (CAW SERIES); 1979+ (MC/MR SERIES)
\# 1976-1987 (WFC 120); 1979+ (FLC 120, RAISED ROOF, SILVER AERO); 1993+ (CLASSIC XL, FLD 112, FLD 120)
® 1965+ (C500, C800, T450, T600, T800, W900); 1965-1999, (T400, K100, K100E); 1991-1999 (T300 CABS)
□ 1971-1999 (4200,4300,5000,8500,9200, all 9370,9400, Conco, Eagle, Paystar and Transtar Cabs); 1989-2000 (9100 Cabs); 1971-2000 (9200,9400 Cabs)
± 1978-1993 (1600-2100, 2300-2600, 3000, 4600-4900, 7100, 8100-8300 S); 1978-1989 (2200 S CABS)

"Big Rig" Sliders

MORE CHOICES crlaurence.com

- **Slider Convenience and Increased Cab Ventilation for Many Popular Big Rig Trucks**

With CRL Big Rig Sliders cab occupants enjoy a comfortable, flow through breeze. All Big Rig Sliders fit in the factory gasket without modification to the cab. Each slider has a traditional four panel, black finish frame surrounding the glass, and a locking latch for security.

BODY	YEARS	MODEL	DIMENSIONS	GLASS	CAT. NO. / NAGS
Ford	'70-'98	Conv. Cab	52" x 16"	Clear	**BRW1850** DY90034CK1
Mack Δ	'63+	Conv. Cab	44" x 18"	Clear	**BRW1843** DY90057CK1
Freightliner #	'76+	Cab Over FLC120	37" x 21"	Clear	**BRW1846** DY90047CK1
Kenworth ®	'65+	Short Window	28" x 12"	Clear	**BRW1840** DY90056CK1
Navistar □ (International)	'71-'00	Conv. Cab	36" x 20"	Clear	**BRW1848** DY90059CK1
Navistar ± (International)	'78-'93	Conv. Cab	50-1/4" x 14-1/4"	Clear	**BRW1851** DY90079CK1
Navistar	'01+	Conv. Cab	57-13/16" x 18-5/8"	Solar	**BRW1852** DY90111PK4

Minimum order: 1 each.

CRL Truck Slider Gasket Information

Prior to taking an order from your customer on a gasket set rear slider, make sure to check the information shown on the right. Even though the existing slider may have a gasket, all gaskets are not alike, and the new slider may require a new gasket. CRL Truck Sliders fit into standard OEM factory back glass gaskets.

MORE INFORMATION crlaurence.com

Some pickups are equipped with a wide channel gasket (Fig. 1), on original equipment sliders. These are not acceptable for installation of CRL Truck Sliders, and must be replaced with a narrow channel gasket, such as those shown in Fig. 2.

FIG. 1



Original Equipment Rear Slider Gasket (Not Usable)

FIG. 2



Narrow Channel Gasket

CRL Truck Slider Replacement Gaskets

- Replace Original Equipment Gaskets
- Available for Most Popular Domestic and Import Pickups

MORE CHOICES crlaurence.com



CRL Truck Slider Replacement Gaskets are made specifically for when you need to replace the original equipment gasket when installing a new backglass or rear slider. Gaskets are available for most popular domestic and import pickups. Listed below is our extensive selection of gaskets for the year, make, and model truck you are working on.

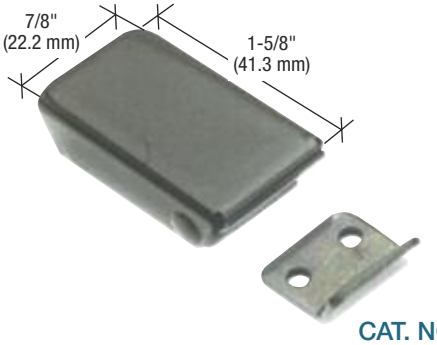
CAT. NO.	DOMESTIC TRUCK GASKETS
WKT4266	1948-1968 Chevy/GMC Small Window
WBL1092	1967-1972 Chevy/GMC Large Window
WBL1135	1973-1992 Chevy/GMC C/K and R/V
WBL1158	1973-1996 Ford F-Series
WBL450	1999-2007 Ford Heavy-Duty F-Series
WBL1129	1972-1993 Dodge Ram
WBL7158	1986-1996 Dodge Dakota

CAT. NO.	DOMESTIC TRUCK GASKETS
WBL1163	1994-1997 Mazda Standard Cabs
WBL3230	1986 1/2-1997 Nissan/Datsun All Cabs
WBL3971	1979-1983 Toyota Standard Cabs
WBL2669	1984-1988 Toyota Standard Cabs
WBL2669A	1989-1995 Toyota Standard Cabs
WBL4798	1993-1998 Toyota T100 Cabs
WBLF5475	1995-2004 Toyota Tacoma Cabs

Minimum order: 1 each. All Truck Slider Replacement Gaskets can be combined for quantity pricing.

CRL Slider Replacement Latches

- Fits Most CRL Sliders
- Long Lasting Durable Metal



CAT. NO. DVL2

- For CRL Tri-Vent Sliders, and as a Replacement for Many OEM and Aftermarket Sliders
- Durable Self-Latching Design

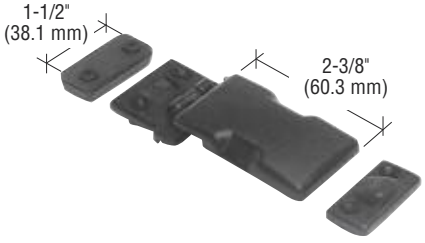


CAT. NO. DVL4
Latch Only



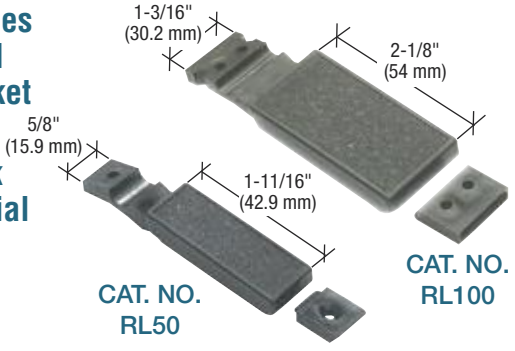
CAT. NO. DVL4AD
Latch with Adhesive and Base

- Durable Latch for 1995-2004 Toyota Tacoma
- Also Fits Some Earlier Toyota Models



CAT. NO. DVL5

- Generic Latches Fit Many OEM and Aftermarket Sliders
- Durable Black Plastic Material



CAT. NO. RL50

CAT. NO. RL100

Minimum order: 1 each. All Slider Replacement Latches can be combined for quantity pricing.

CRL Side-Sliders for SUV's

• Replace Original Equipment Fixed Side Glass Without Modifications

• Available for Popular Older Model Ford and Chevy/GMC

The CRL Side-Slider replaces original equipment fixed side glass in selected older model sport utility vehicles. They fit the original gasket and opening, so no modifications are required for installation. These fully framed sliders have 28% dark gray tinted, D.O.T. approved glass surrounded by a black finish extruded aluminum frame. Sliding panels operate easily: open for cooling ventilation; closed for security. Locking latches are included for safety. The Side-Slider's rugged construction will withstand rough off-road use, and full weatherstripping will prevent rattling while keeping drafts out of the interior. Sold only in pairs.

1966-1977 Ford Bronco



1973-1991 Chevrolet/GMC Blazer/Jimmy



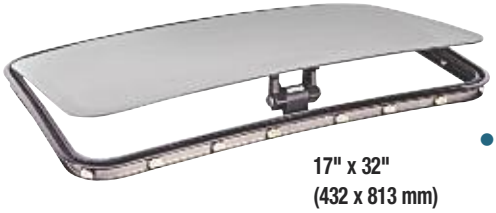
CAT. NO.	APPLICATION	YEARS	TYPE
MSS404	Ford Bronco	'66-'77	2 Panel
MSS808	Chevy/GMC Blazer/Jimmy	'73-'91	2 Panel

Minimum order: 1 pair.

CRL Sunroofs for SUV's and Trucks



CRL has sunroofs specially designed for installation in many popular SUV's and SUT's. All models feature Solar High Performance Glass that provides 92% U.V. protection, 100% extruded silicone sponge seals, black powder-coated paint finish aluminum frames, and three position handles. See pages AU094-AU097 for our complete selection of quality sunroofs.



17" x 32"
(432 x 813 mm)
Genesis Sunroof

CAT. NO.
GS1732BH
Minimum order: 1 each.

• Bonded Glass Design With No Exposed Hardware



17" x 35"
(432 x 889 mm)
AutoPort Sunroof

CAT. NO.
AP1735B5H1
Minimum order: 1 each.

• Specially Designed Frame to Go Over Roof Ridges of the Cherokee

MORE INFORMATION
crlaurence.com

CRL Accordion Boot Seals

MORE INFORMATION crlaurence.com

- Two Types to Mate Slider to Camper Shell

CRL offers two versions of the Accordion Boot Seal for weatherproofing the access between the truck cab and the camper shell. Order the slider to camper shell seal (ED5382RL) if the camper shell does not have a Boot Slider installed. Order the slider to slider seal (ED5381RL) if two Camper Boot Sliders are used. 15 feet (4.6 m) of seal per roll. Minimum order is one roll.



Camper Boot
Slider to Shell Slider Seal



CAT. NO. ED5381RL

Camper Boot
Slider to Camper Shell Seal



CAT. NO. ED5382RL

CRL T-Handles

- Keyed Locks Included



Aluminum diecast, double T-Handles for any three point or single cam locking system. 90 degree RH and LH rotation, powder-coated black finish. Random keyed cylinder has a dust cover.

CAT. NO.	APPLICATION/DESCRIPTION
75501	Radius, Mitred or Fiberglass Rear Doors; 2-1/2" Shaft; 4" Width (single)
755020	Radius, Mitred or Fiberglass Rear Doors; 2-1/2" Shaft; 4" Width (pair)
759911	3/16" Glass Rear Doors; 1-3/8" Shaft; 2-1/2" Width (pair)

Minimum order: 1 pair for 759911 and 755020; 1 each for 75501.

CRL L-Handle



Injection molded, black nylon, inside opening L-Handle for truck cap radius, mitred and fiberglass rear doors. Pressure fit to 1/4" (6.3 mm) shafts.

CAT. NO.	FITS	LENGTH
75504	3/16" to 1/4" Rear Thick Doors	2-5/8"

Minimum order: 1 each.

CRL Gas Filled Props

- Replace Worn Out Props

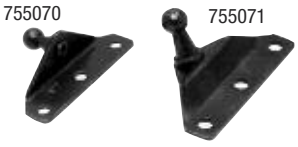


Lift Prop for radius, mitred or fiberglass doors, egress windows, side access windows, or any installation where prop pressure would assist in an opening application. Gas Filled Props have 5/8" (16 mm) diameter black painted steel barrels, 1/4" (6 mm) diameter stainless steel rods, and 3/8" (10 mm) ball socket ends.

CAT. NO.	SIZE	PRESSURE
520030	17" Open, 10" Closed	35 lbs. (±5)
520050	17" Open, 10" Closed	50 lbs. (±5)
515040	15" Open, 9" Closed	40 lbs. (±5)
510030	12" Open, 8" Closed	35 lbs. (±5)

Minimum order: 1 each.

CRL Prop Brackets



Fastening hardware for gas or spring props with a 10 mm ball socket. 14 gauge steel with black zinc finish.

CAT. NO.	DESCRIPTION	MOUNTING PLATE
755070	90 Degree Bend	2-1/2" x 5/8"
755071	20 Degree Offset	2-1/2" x 1/2"

Minimum order: 1 each.

CRL Threaded Ball Studs



Mounting hardware for gas or spring props with 10 mm sockets. Black zinc finished steel with threaded base.

CAT. NO.	THREAD SIZE	BALL SIZE
759917	1/4"-20 x .375"	10mm
759054	5/16"-18 x .540"	10mm

Minimum order: 1 each.

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From Anywhere in the U.S. or Canada

CRL Load Rails

MORE INFORMATION crlaurence.com

- Applications for Full Size and Smaller Trucks to Increase Cargo Space and Carrying Capacity of Truck Caps
- Ideal for Bulky Items (Up to 200 Pounds)
- Black Electrostatic Powder-Coat Finish
- Available for Vans and Trucks



NOTE: Mounting Legs must be ordered separately



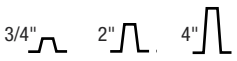
Our Load Rails are made of extruded aluminum with black electrostatic powder-coat finish. Load Rails include steel "tie downs" bolted to the ends to keep the load from sliding, and PVC inserts to help protect loads from being damaged. Mounting Legs are made of aluminum extrusion with black electrostatic powder-coat finish, and are available in three heights to accommodate the variety of camper shells on the road. #Mounting Legs must be ordered separately from Load Rails.

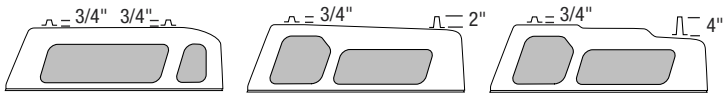
CAT. NO.	DESCRIPTION OF SET
CR6400	2 Each 64" (1626 mm) Load Rails
CR5400	2 Each 54" (1372 mm) Load Rails

Minimum order: 1 set. **NOTE:** Mounting Legs for Load Rails must be ordered separately.

CRL Mounting Legs

- Works With Load Rails Above





CAT. NO. CR6011
Low Riser Set

CAT. NO. CR6012
Medium Riser Set

CAT. NO. CR6014
High Riser Set

CAT. NO.	DESCRIPTION OF SET
CR6011	2 Pair 3/4" (19 mm) Mounting Legs
CR6012	1 Pair Each – 3/4" (19 mm) and 2" (51 mm) Mounting Legs
CR6014	1 Pair Each – 3/4" (19 mm) and 4" (102 mm) Mounting Legs
CR6022	2 Pair – 2" (51 mm) Mounting Legs
CR6024	1 Pair Each – 2" (51 mm) and 4" (102 mm) Mounting Legs
CR6044	2 Pair – 4" (102 mm) Mounting Legs

Minimum order: 1 set. **NOTE:** Mounting Legs for Load Rails must be ordered separately.

CRL C-Clamps

Mounting Clamp for truck cap to pickup bed.
Extruded aluminum structural alloy with natural finish.



RM608004



RM608011

CAT. NO.	APPLICATION
RM608004	Truck Caps with Aluminum or Fiberglass Rails
RM608011	99+ Ford Super Duty Caps with Aluminum Rails

Minimum order: 1 each.

CRL Foam Tape



Black foam tape, closed cell silicone base, automotive grade. Used as preferred seal for van window installations, frame-to-body. Keeps drafts and water out of the truck bed when installing truck caps.

CAT. NO.	ROLL SIZE	COLOR
60701	1/2" x 1/4" x 50' (15.2 m)	Black

Minimum order: 1 roll.

CRL Cap Tape



Gray foam adhesive tape used for water seal between the truck cap and bed rail of pickups.

CAT. NO.	ROLL SIZE	COLOR
V666316	1" x 3/16" x 50' (15.2 m)	Gray
V66614	1" x 1/4" x 50' (15.2 m)	Gray

Minimum order: 1 roll.

CRL Sunroofs

SFC/CRL SUNROOFS
The Worldwide Symbol for Sunroof Excellence

C.R. Laurence™ AUTOMOTIVE PRODUCTS
ISO-9001:2008 Certified • Engineering • Quality

SFC Sunroofs have been at the forefront of sunroof evolution for over 45 years, having introduced many major sunroof innovations, including high performance, glare-reducing glass, superior UV protection, and bonded glass.

SFC Sunroofs was the first manufacturer to address the special roof configuration of today's aerodynamic styling. Every item in the growing SFC/CRL Sunroof product line is designed to offer superior quality, easy installation, and years of trouble-free operation. With our network of service centers and tremendous inventory, CRL offers sunroof buyers the best of both worlds.

In our modern 650,000 square foot facility located in Los Angeles California, we build our automotive products under the most strict standards. We use progressive and certified ISO-9001:2008 manufacturing processes to ensure that we give every product our full attention to detail. These Certified processes reflect the commitment of our employees. That's your assurance that when you select a product made by CRL Manufacturing you have made the best possible choice.



Our manufacturing facilities are located in Vernon, California, where our automotive products are manufactured under the strictest standards. C.R. Laurence Automotive Products Division is a supplier to several original equipment manufacturers, as well as many major glass industry distributors.

CRL Trim Ring for AutoPort, NewPort, and His 'N Her Sunroofs

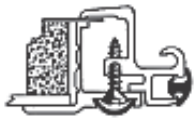
Our engineers have designed all SFC/CRL Sunroofs with features that allow you to tuck the headliner fabric into the frame for that OEM look. That makes them easy to install, and the results will please even your most demanding customers.


Standard


Peeled

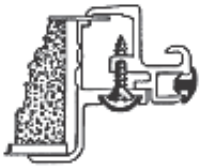
Universal Trim

Universal trim ring with multiple peel away options allows highest degree of installation flexibility.



Molded Trim

Speeds and simplifies installation on hard or thick molded headliner. Allows further flexibility with installation approach.



Van Trim

New "modified" van trim ring for deep headliner or panel. Features metal-to-metal contact, eliminating the need for blocking.

SFC/CRL AutoPort Sunroofs

MORE INFORMATION
crlaurence.com



- Traditional Design Replaces Most Other Sunroofs on the Market
- Solar High Performance Glass
- Flush Fitting Frame With Weather-Tight Silicone Seal
- Three Position Positive Latching Handle

The AutoPort Sunroof features flush fitting high performance solar glass that is easily removed and replaced, providing 92% UV protection. The interior trim ring can be installed under or over the headliner, depending on the application or customer preference. AutoPort delivers remarkable quality with unsurpassed fit and finish. For technical data including overall frame sizes, cut-out sizes, and glass sizes go to **crlaurence.com/sunroofs**.



15" X 30" SUNROOF CAT. NO.	17" X 35" SUNROOF CAT. NO.	GLASS	FRAME	TRIM RING*
—	AP1735B4H	Solar H.P.	Black	Van
AP1530B5H	AP1735B5H	Solar H.P.	Black	Universal
AP1530B6H	AP1735B6H	Solar H.P.	Black	Molded

Minimum order: 1 each. *For the correct trim ring application, contact CRL Automotive Technical Sales. All Sunroofs can be combined for quantity pricing.

SFC/CRL NewPort Sunroofs



- Contemporary Radius Corner Design With Curved Leading Edge
- Solar High Performance Glass Provides 92% UV Protection
- Dual Contour Frames and Glass on 18" x 28" Model
- Three Position Positive Latching Handle



From small economy to high-end cars and trucks, NewPort Sunroofs are the answer. The installation of NewPort Sunroofs is simple. Shipped assembled and ready to install, the universal and molded trim rings provide numerous installation trim options. The aluminum spacer within the universal trim ring provides better compression between the sunroof and the car body. The molded trim ring comes with styrofoam spacers that hold the headliner tightly against the inside trim ring. From the 14" x 32" (356 x 813 mm) to the 22" x 38" (559 x 965 mm), and everything in between, the curved leading edge, low frame-to-body profile, and contemporary corner design of a NewPort Sunroof follows vehicle lines to perfection. For technical data including overall frame sizes, cut-out sizes, and glass sizes go to **crlaurence.com/sunroofs**.

14" X 32" SUNROOF CAT. NO.	16" X 36" SUNROOF CAT NO.	17" X 32" SUNROOF CAT. NO.	GLASS	FRAME	TRIM RING*
NP1432B5H	NP1636B5H	NP1732B5H	Solar H.P.	Black	Universal
NP1432B6H	NP1636B6H	NP1732B6H	Solar H.P.	Black	Molded

18" X 28" SUNROOF CAT. NO.	20" X 32" SUNROOF CAT NO.	22" X 38" SUNROOF CAT. NO.	GLASS	FRAME	TRIM RING*
NP1828B5H	NP2032B5H	NP2238B5H	Solar H.P.	Black	Universal
NP1828B6H	NP2032B6H	NP2238B6H	Solar H.P.	Black	Molded
NP1828B5HD△	—	—	Solar H.P.	Black	Universal
NP1828B6HD△	—	—	Solar H.P.	Black	Molded

Minimum order: 1 each. △ Dual Contoured Model
*For the correct trim ring application, contact CRL Automotive Technical Sales. All Sunroofs can be combined for quantity pricing.

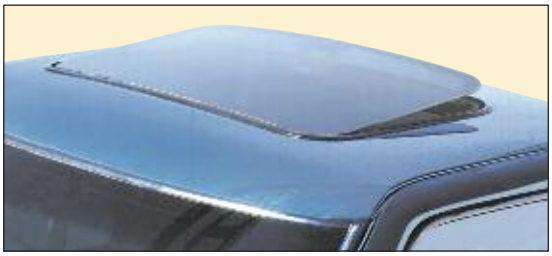
SFC/CRL Genesis Sunroofs

- Bonded Glass Design With No Exposed Hardware
- Solar High Performance Glass Can Be Completely Removed, and Provides 92% U.V. Protection
- Three Position, Positive Latching Handle



The Genesis Sunroof offers the easiest of pop-up installations. Features unlike any other sunroof combine the upscale appearance of an in-built, with the ease of installation of a pop-up. This is the ideal sunroof for consumers who want the best of both worlds.

Genesis comes ready for quick, fully wrapped headliner installation with a patented Cam-Lock System that gives a positive clamping between the frame and vehicle roof. The bonded glass and black powder-coated, ultra-thin extruded aluminum frame provides the look of an expensive in-built sunroof at a price everyone can afford. Genesis is the ideal sunroof for any application. For technical data including overall frame sizes, cut-out sizes, and glass sizes go to **crlaurence.com/sunroofs**.



15" X 28" SUNROOF CAT. NO.	17" X 32" SUNROOF CAT. NO.	20" X 32" SUNROOF CAT. NO.	GLASS	FRAME	TRIM RING
GS1528BH	GS1732BH	GS2032BH	Solar H.P.	Black	Universal

Minimum order: 1 each. All Sunroofs can be combined for quantity pricing.

SFC/CRL His N' Hers Sunroofs

- Perfect for Vans
- Three Position, Positive Latching Handle
- Solar High Performance Glass



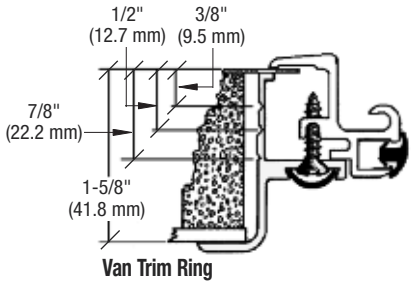
The His N' Hers Sunroof's compact 17" x 17" (432 x 432 mm) size makes it the perfect choice for use as either a single or double unit. Placed side by side, they offer installation flexibility, as well as separate control of ventilation for individual comfort. The Solar Hi-Performance Glass can be removed easily for the exhilaration of "open-top" driving. The factory styling of this window is popular with van enthusiasts because single units can be installed over the back portion of the vehicle to illuminate and ventilate the rear.

MORE INFORMATION crlaurence.com





CAT. NO. R7614
Replacement Handle



Van Trim Ring
New "modified" Van Trim Ring for deep headliner or panel. Features metal-to-metal contact, eliminating the need for blocking.

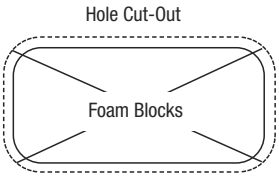
CAT. NO.	GLASS	FRAME	TRIM RING*
VT1717B4H	Solar H.P.	Black	Van
VT1717B5H	Solar H.P.	Black	Universal
VT1717B6H	Solar H.P.	Black	Molded

Minimum order: 1 each. *For the correct trim ring application, contact CRL Automotive Technical Sales. All Sunroofs can be combined for quantity pricing.

CRL Sunroof Installation Foam Blocks

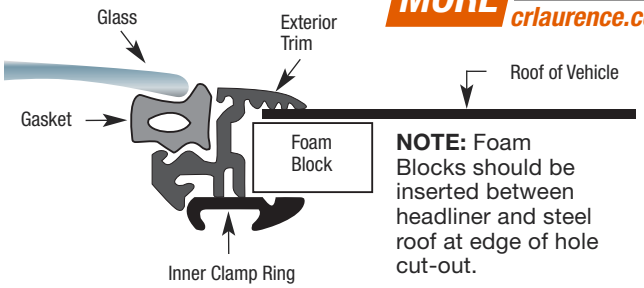
- The Professional Way to Block Between Roof Panel and Headliner





MORE INFORMATION crlaurence.com

CRL Sunroof Installation Foam Blocks will provide you with an easier installation and professional results. Industry installer preferred material for blocking out between the roof panel and the headliner. Dense foam material compresses for a tight fit.



NOTE: Foam Blocks should be inserted between headliner and steel roof at edge of hole cut-out.

CAT. NO.	LENGTH	HEIGHT	THICKNESS	QTY/PKG
RM100	15" (381 mm)	5/8" (16 mm)	13/16" (20 mm)	15

Minimum order: 1 package.

CRL Sunroof Butyl Sealant Tape

- Provides Watertight Seal
- One Roll Will Seal Sunroofs Up to 22" x 38"



CAT. NO. RM140

Our Sunroof Butyl Sealant Tape offers a watertight, gasket-like seal, and is recommended for installing aftermarket sunroofs. This tape offers outstanding resistance to weathering, and develops good adhesion to glass, metal, and most other surfaces. The tape is UV stable, non-permeable to gasses and moisture, and has a limited cold flow under load. Minimum order is one each.

CRL 44NC Neutral Cure Automotive Silicone Sealant

- Low Odor, Non-Acetic Cure Formula
- Black Color Silicone is Non-Corrosive
- Sets Up Fast



CAT. NO. 44NC
10.3 Fl. Oz. (305 ml) Cartridge;
30 Cartridges per Case

CRL 44NC Neutral Cure Automotive Silicone is a fast curing, neutral cure silicone with special adhesion additives for use in vehicles to seal and weatherproof. It stops leaks while cushioning the glass against shock and vibration. Minimum order is one each.

CRL AutoPort and NewPort Replacement Handles

- Complete Handle Assembly
- Original Part Replacement



CAT. NO. RL110
For AutoPort Sunroofs



CAT. NO. RL105
For NewPort Sunroofs Only

Replacement of AutoPort and NewPort Handles are just as simple as removing and replacing the screws held by the outside button nuts. For additional hardware, see kits at right. Minimum order is one each.

CRL AutoPort and NewPort Hardware Kits

- Complete Handle and Hinge Package



CAT. NO. RH110
All AutoPort Models and
NewPort Pre-1995 Models
14" x 32" and 17" x 32"



CAT. NO. RH100
NewPort Models from
1996 to Current, All Sizes

These Hardware Kits are intended for all AutoPort and NewPort Sunroofs manufactured from 1989 to current production. Kits contain all the necessary components to easily replace worn parts. Minimum order is one each.

CRL Van Windows

All CRL Van Conversion Windows are manufactured and finished at our facility in Vernon, California to the highest standards. Every van and RV window is manufactured to fit the contour of the body profile, with a welded vinyl glazing gasket that eliminates creep and shrinkage, and finished with our own high quality powder-paint for years of low maintenance service without finish failure.

Along with our expansive stock line of Conversion Windows for vans and RV's, CRL offers a complete line of Custom Conversion Windows for vans, recreation vehicles, shuttles, and buses. Custom windows are made to your specifications for size, format, glass color, and trim ring thickness.

Visit **crlaurence.com/van-windows** to view our complete line of Conversion Windows as well as accessories, styles, and options.

MORE INFORMATION
crlaurence.com

Door Windows

Available Door Window Styles:

T-Slider, Half Slider, and Fixed Glass

A large selection of windows for hinged and sliding doors to accommodate your needs.

Match Vehicle Body Contour

Door Windows are contoured to vehicle profile for a perfect fit and easier installation.

Bay Windows

Available Bay Window Styles:

T-Slider, Vertical Lift Sliders, Standard, Maxi, and Mini Van Fixed Bays

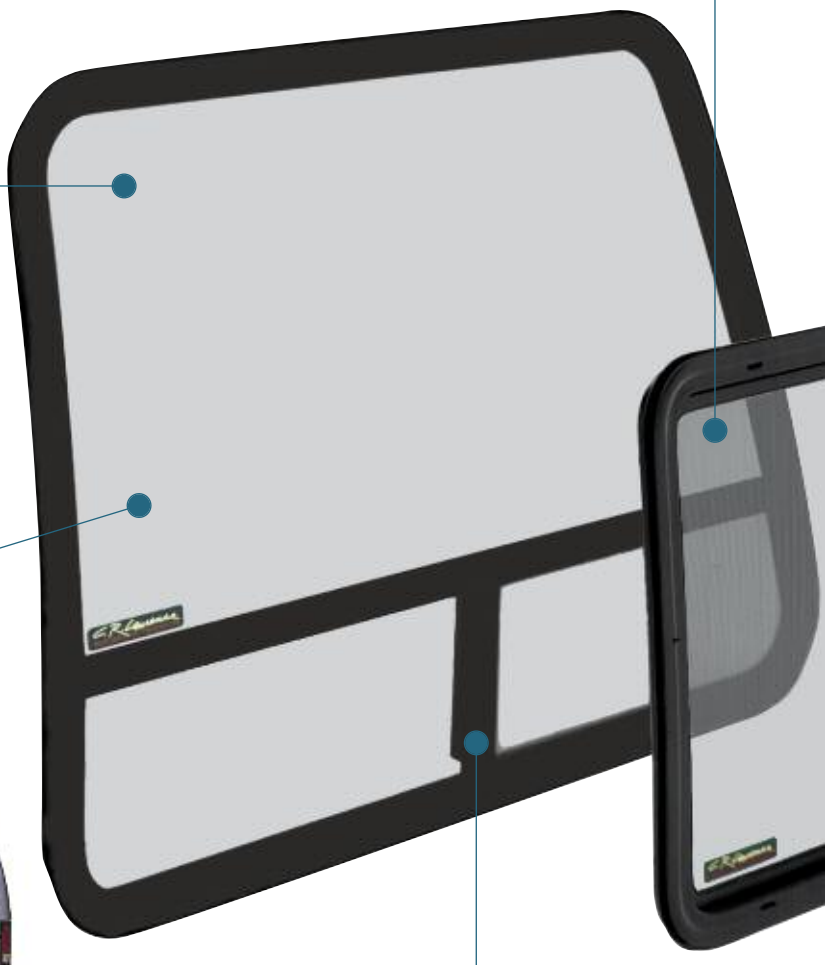
A wide variety of styles provides freedom and versatility for conversion design concepts.

Improved Drainage

A combination of 15 degree sloped sill design and paired weep holes for improved drainage.

Dark Solar Privacy Tinted Glass

Enhances appearance of van while contributing to interior comfort.





Sturdy Latching System

Our latching system combines ease of operation with secure latching and long service life.





"All Glass Look" Windows

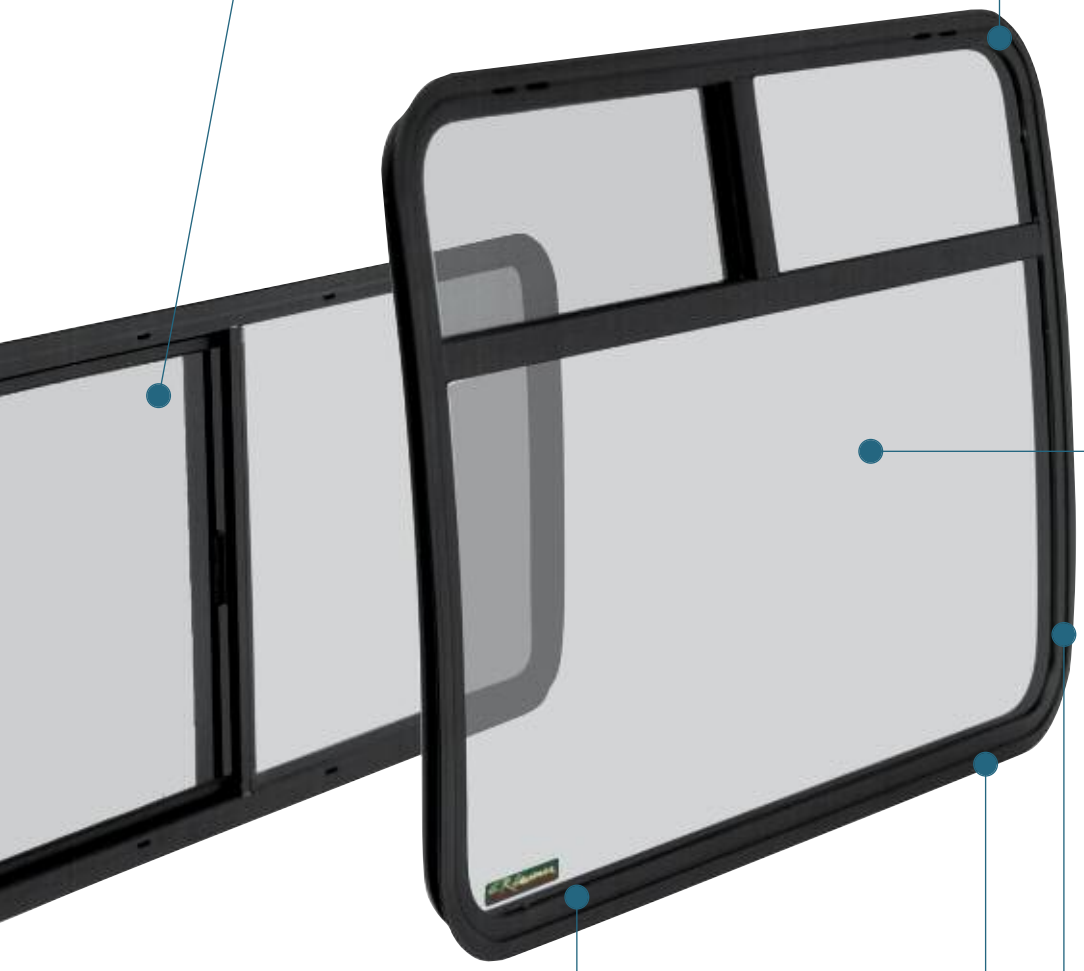
The perfect complement to newer van's sleek aerodynamic styling. Units are contoured to match the OEM stampings.

Slim-line Frame and Small Radius Corners

The slim frame is less intrusive on the appearance of the vehicle, and the small radius corners fit most factory indents.

Removable Screens

Simplifies maintenance, provides pass through option and excellent ventilation for all types of environments.



RV and Custom Windows

Available RV Window Styles:

T-Slider, Vertical Lift Sliders, Top Slider, Half Slider, and Fixed Glass

A wide variety of styles provides freedom and versatility for design concepts and specification fulfillment.

A Variety of Glass Specifications Available

Your design options are increased by the selection of glass options available for all custom windows.

Built-In Setting Blocks

Installation blocks eliminate the tedious adjustments usually needed during the installation process to assure proper alignment, making installation easy and fast.

Welding Vinyl Glazing

All windows are manufactured with welded vinyl glazing gaskets that eliminate creep and shrinkage.

Large Selection of Clamp Rings Available

We manufacture clamp rings to fit walls from 1/8" to 2-1/4" thick.

High Quality Paint Finish

We have our own high quality powder-paint line to give our windows years of low maintenance service life without finish failure.

CRL 2001-2006 Sprinter Van "All Glass Look" Window

- "All Glass Look" Frames
- Solar Privacy Glass
- Uses OEM Stamping for Cut Line

MORE INFORMATION crlaurence.com

CRL US ALUMINUM MANUFACTURED IN THE USA

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CRL has "All Glass Look" Windows for the first generation Dodge/Mercedes/Freightliner Sprinter Van from 2001 to 2006. They are the perfect accent to complement the aerodynamic styling of the Sprinter.

These windows have silk-screened black fade edges with Solar Privacy Glass that goes right to the black powder-coat finished frame edge for a flush look. The entire unit is contoured to match the sidewall or door, making installation as simple as a conventional fully framed window.

Our 2001-2006 Sprinter Van Windows are configured to fit within the OEM stampings and provide a customized OEM look. Whether converting the Sprinter for commercial or recreational use, CRL "All Glass Look" Windows are the right choice.

CRL Automotive has been recognized as a premier manufacturer in the Sprinter Preferred Upfitter Program in association with Mercedes-Benz USA. This respected industry accolade reinforces that CRL's strict standards for quality product design, engineering, and manufacturing meet luxury automaker Mercedes-Benz's exclusive guidelines for providing premium windows for the award-winning Sprinter commercial van line-up.



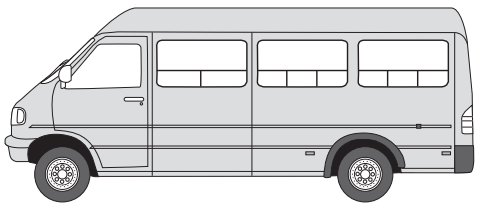
SPRINTER PREFERRED UPFITTER



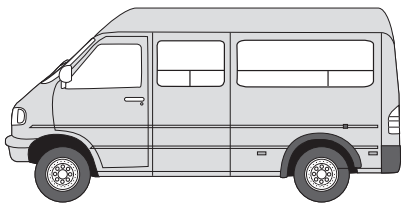








2001-2006 158" Wheel Base



2001-2006 140" Wheel Base

2001-2006 158" WHEEL BASE

CAT. NO.	LOCATION	TYPE*	OUTSIDE FRAME DIM.
FW601	Driver's Side Forward Panel	T-Vent	42-1/2" x 24-1/2"
FW602	Driver's Side Middle/Rear Quarter Panel	T-Vent	52-1/4" x 24-1/2"
FW603L	Driver's Side Rear Door	Fixed	25" x 24-1/2"
FW603R	Passenger Side Rear Door	Fixed	25" x 24-1/2"
FW602	Passenger Side Rear Quarter Panel	T-Vent	52-1/4" x 24-1/2"
FW604	Passenger Side Middle Panel	Fixed	42-1/4" x 24-1/2"
FW605	Passenger Side Sliding Door	Fixed	40-1/2" x 24-1/2"
FW607	Passenger Side Middle Panel (alternate)	Fixed	52-1/4" x 24-1/2"

Minimum order: 1 each. *Foam Mounting Tape Cat. No. 60701 is sold separately. See page AU093.

2001-2006 140" WHEEL BASE

CAT. NO.	LOCATION	TYPE*	OUTSIDE FRAME DIM.
FW601	Driver's Side Forward Panel	T-Vent	42-1/2" x 24-1/2"
FW606L	Driver's Side Rear Quarter Panel	T-Vent	72" x 24-1/2"
FW603L	Driver's Side Rear Door	Fixed	25" x 24-1/2"
FW603R	Passenger Side Rear Door	Fixed	25" x 24-1/2"
FW606R	Passenger Side Rear Quarter Panel	T-Vent	72" x 24-1/2"
FW605	Passenger Side Sliding Door	Fixed	40-1/2" x 24-1/2"

Minimum order: 1 each. *Foam Mounting Tape Cat. No. 60701 is sold separately. See page AU093.

All CRL Automotive Windows can be combined for quantity pricing.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL 2007+ Sprinter Van "All Glass Look" Windows



2007+ Sprinter Van Windows are configured to fit within the OEM stampings and provide a customized OEM look.

CRL US ALUMINUM MANUFACTURED IN THE USA

SPRINTER PREFERRED UPFITTER

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- **Aerodynamic Styling for Customized Look**
- **Solar Privacy Glass Windows for Both Full and Short Cut Versions**

2007+ 170" WHEEL BASE (SHORT CUT VERSION)

CAT. NO.	LOCATION	TYPE*	OUTSIDE FRAME DIM.
FW611L	Driver's Side Forward Panel	T-Vent	51-1/4" x 21-9/16"
FW612L	Driver's Side Middle Panel	T-Vent	48-3/16" x 21-9/16"
FW613L	Driver's Side Rear Quarter Panel	T-Vent	43-1/8" x 21-1/4"
FW614L	Driver's Side Rear Door	Fixed	24-11/16" x 22-1/16"
FW614R	Passenger Side Door	Fixed	24-11/16" x 22-1/16"
FW613R	Passenger Side Rear Quarter Panel	T-Vent	43-1/8" x 21-1/4"
FW612R	Passenger Side Middle Panel	T-Vent	48-3/16" x 21-9/16"
FW615R	Passenger Side Sliding Door	T-Vent	49-7/16" x 21-9/16"

Minimum order: 1 each. *Foam Mounting Tape Cat. No. 60701 is sold separately. See page AU093.

2007+ 144" WHEEL BASE (SHORT CUT VERSION)

CAT. NO.	LOCATION	TYPE*	OUTSIDE FRAME DIM.
FW616L	Driver's Side Forward Panel	T-Vent	51-7/8" x 21-9/16"
FW617L	Driver's Side Rear Quarter Panel	T-Vent	57" x 21-1/4"
FW614L	Driver's Side Rear Door	Fixed	24-11/16" x 22-1/16"
FW614R	Passenger Side Rear Door	Fixed	24-11/16" x 22-1/16"
FW617R	Passenger Side Rear Quarter Panel	T-Vent	57" x 21-1/4"
FW615R	Passenger Side Sliding Door	Fixed	49-7/16" x 21-9/16"

Minimum order: 1 each. *Foam Mounting Tape Cat. No. 60701 is sold separately. See page AU093.

2007+ 170" WHEEL BASE (FULL CUT VERSION)

CAT. NO.	LOCATION	TYPE*	NAGS NUMBER
FW621L	Driver's Side Forward Panel	Dual Vent	DD11858YPY
FW622L	Driver's Side Middle Panel	Fixed	DQ11862YPY
FW623L	Driver's Side Rear Quarter Panel	Dual Vent	DQ11864YPY
FW624L	Driver's Side Rear Door	Fixed/Bonded	N/A
FW624R	Passenger Side Door	Fixed/Bonded	N/A
FW623R	Passenger Side Rear Quarter Panel	Dual Vent	DQ11863YPY
FW622R	Passenger Side Middle Panel	Fixed	DQ11861YPY
FW625R	Passenger Side Sliding Door	Single Vent	DD11857YPY

Minimum order: 1 each. *Foam Mounting Tape Cat. No. 60701 is sold separately. See page AU093.

2007+ 144" WHEEL BASE (FULL CUT VERSION)

CAT. NO.	LOCATION	TYPE*	NAGS NUMBER
FW621L	Driver's Side Forward Panel	Dual Vent	DD11858YPY
FW626L	Driver's Side Rear Quarter Panel	Dual Vent	DQ11860YPY
FW624L	Driver's Side Rear Door	Fixed/Bonded	N/A
FW624R	Passenger Side Rear Door	Fixed/Bonded	N/A
FW627R	Passenger Side Rear Quarter Panel	Fixed	DQ11859YPY
FW625R	Passenger Side Sliding Door	Single Vent	DD11857YPY

Minimum order: 1 each. *Foam Mounting Tape Cat. No. 60701 is sold separately. See page AU093.



Dual Vent

Fixed



MORE CHOICES crlaurence.com



Fixed/Bonded Rear Door Windows

All CRL Automotive Windows can be combined for quantity pricing.

CRL 2014+ RAM Promaster Van Window

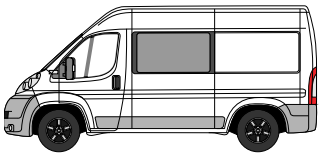
- "All Glass Look" Frames
- 28% Solar Privacy Glass
- Available for Both Short and Long Wheelbase Models
- Uses OEM Stamping for Cut Line

NEW!

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CRL is now offering "All Glass Look" windows for the all new 2014+ RAM ProMaster Van. They are a perfect complement to the Promaster's sleek aerodynamic styling. These windows have silk screened black fade edges with solar privacy glass. The entire unit is contoured to match the sidewall and doors, making the installation as simple as conventional fully framed windows. Our RAM ProMaster windows are configured to fit within the OEM stampings and provide a customized OEM look. Whether converting the RAM ProMaster for commercial or recreational use, CRL "All Glass Look" windows are the right choice.



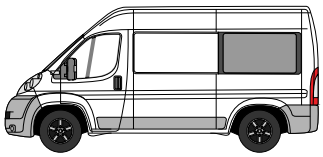




DRIVER'S SIDE FORWARD PANEL ALL MODELS

CAT. NO.	CUT-OUT	TYPE	WHEEL BASE
FW382L	Fits Stamping	Fixed/ Clamp Ring	136"/159"/159" EXT.
FW392L	Fits Stamping	T-Vent/ Clamp Ring	136"/159"/159" EXT.

Minimum order: 1 each.

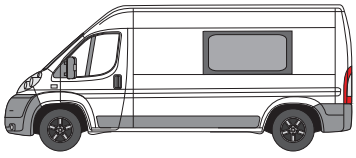




DRIVER'S SIDE QUARTER PANEL REAR

CAT. NO.	CUT-OUT	TYPE	WHEEL BASE
FW386L	Fits Stamping	Fixed/ Clamp Ring	136"
FW383L	Fits Stamping	Fixed/ Clamp Ring	159"
FW388L	Fits Stamping	Fixed/ Clamp Ring	159" EXT.
FW396L	Fits Stamping	T-Vent/ Clamp Ring	136"
FW393L	Fits Stamping	T-Vent/ Clamp Ring	159"
FW398L	Fits Stamping	T-Vent/ Clamp Ring	159" EXT.

Minimum order: 1 each.





DRIVER'S SIDE MIDDLE PANEL

CAT. NO.	CUT-OUT	TYPE	WHEEL BASE
FW387L	Fits Stamping	Fixed/ Clamp Ring	159" EXT.

Minimum order: 1 each.

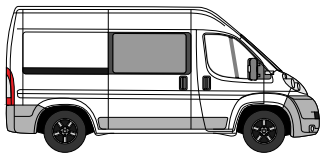




DRIVER'S SIDE REAR DOOR

CAT. NO.	CUT-OUT	TYPE	WHEEL BASE
FW384L	Fits Stamping	Fixed/Urethane Bonded	All Models

Minimum order: 1 each.

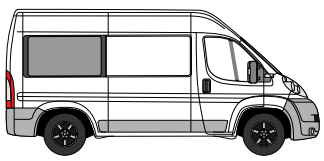




PASSENGER SIDE SLIDING DOOR ALL MODELS

CAT. NO.	CUT-OUT	TYPE	WHEEL BASE
FW385R	Fits Stamping	Fixed/ Clamp Ring	136"/159"/159" EXT.
FW385RFG	----	Replacement Factory Glass	136"/159"/159" EXT.
FW395R	Fits Stamping	T-Vent/ Clamp Ring	136"/159"/159" EXT.

Minimum order: 1 each.

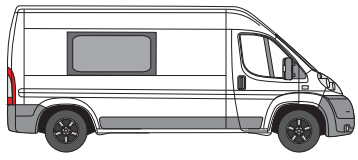




PASSENGER SIDE QUARTER PANEL REAR

CAT. NO.	CUT-OUT	TYPE	WHEEL BASE
FW386R	Fits Stamping	Fixed/ Clamp Ring	136"
FW383R	Fits Stamping	Fixed/ Clamp Ring	159"
FW388R	Fits Stamping	Fixed/ Clamp Ring	159" EXT.
FW398R	Fits Stamping	T-Vent/ Clamp Ring	159" EXT.

Minimum order: 1 each.





PASSENGER SIDE MIDDLE PANEL

CAT. NO.	CUT-OUT	TYPE	WHEEL BASE
FW387R	Fits Stamping	Fixed/ Clamp Ring	159" EXT.

Minimum order: 1 each.





PASSENGER SIDE REAR DOOR

CAT. NO.	CUT-OUT	TYPE	WHEEL BASE
FW384R	Fits Stamping	Fixed/Urethane Bonded	All Models

Minimum order: 1 each.

All CRL Automotive Windows can be combined for quantity pricing.

CRL 2010-2013 Ford Transit Connect Windows

- Matches Factory Flush Look
- Contoured to Match Side and Door Stampings
- Dark Solar Privacy Glass

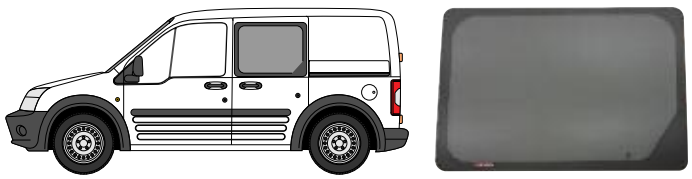
The newest thing in "All Glass Look" Windows is CRL's selection for 2010-2013 Ford Transit Connect Vans marketed in the U.S.A. They are the perfect accent to aerodynamic van styling with dark solar privacy glass that goes into the edge of the pinchweld for a flush look. Not only do they look good, these windows eliminate the blind spots that are a problem in vans with solid panels.

Door windows install with automotive urethane and primer, just like the original equipment glass. The silk-screened black fade edge conceals the urethane. Quarter Panel Windows install with a clamp ring on the pre-designed body stampings. All Windows are contoured to follow the door and quarter panels, making installation as simple as conventional windows.

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MORE CHOICES
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DRIVER'S SIDE SLIDING DOOR

CAT. NO.	CUT-OUT	TYPE	WALL
FW290L	Fits Stamping	Fixed/Urethane Bonded	1/8"

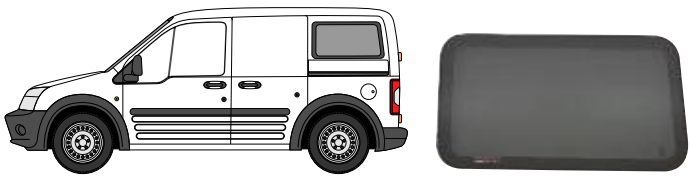
Minimum order: 1 each.



PASSENGER SIDE SLIDING DOOR

CAT. NO.	CUT-OUT	TYPE	WALL
FW290R	Fits Stamping	Fixed/Urethane Bonded	1/8"

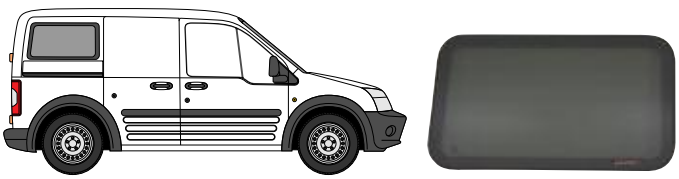
Minimum order: 1 each.



DRIVER'S SIDE QUARTER PANEL REAR

CAT. NO.	CUT-OUT W	CUT-OUT H	TYPE	ANGLE	WALL
FW291L	24"-1/2"	13"	Fixed/Clamp Ring	6/90	1/8"

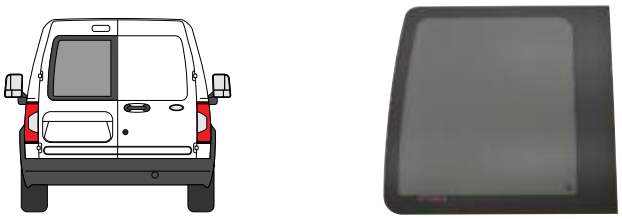
Minimum order: 1 each.



PASSENGER SIDE QUARTER PANEL REAR

CAT. NO.	CUT-OUT W	CUT-OUT H	TYPE	ANGLE	WALL
FW291R	24"-1/2"	13"	Fixed/Clamp Ring	6/90	1/8"

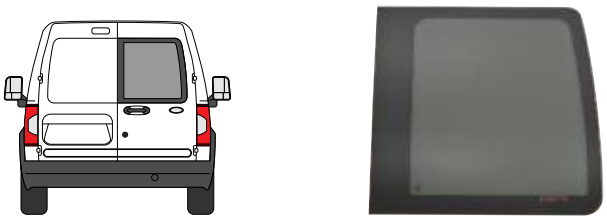
Minimum order: 1 each.



DRIVER'S SIDE REAR DOOR

CAT. NO.	CUT-OUT	TYPE	WALL
FW292L	Fits Stamping	Fixed/Urethane Bonded	1/8"

Minimum order: 1 each.



PASSENGER SIDE REAR DOOR

CAT. NO.	CUT-OUT	TYPE	WALL
FW292R	Fits Stamping	Fixed/Urethane Bonded	1/8"

Minimum order: 1 each.

All CRL Automotive Windows can be combined for quantity pricing.

CRL 2011+ Nissan NV Van Windows

- Windows to Fit Low and High Top NV Models
- "All Glass Look" Frames
- 28% Solar Privacy Glass
- Uses OEM Stamping for Cut Line

MORE INFORMATION crlaurence.com

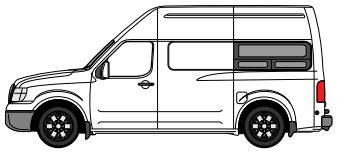
The use of the original equipment manufacturer's emblems throughout this catalog is intended solely as a guide to product selection. It does not infer, and is not to be construed as, an affiliation between C.R. Laurence Company and these manufacturers, nor as an endorsement of their products.

CRL has "All Glass Look" Windows for 2011+ Nissan NV Vans. They are the perfect complement to the Nissan NV's aerodynamic styling.

These windows have silk-screened black fade edges with solar privacy glass that goes right to the black powder-coat finished frame edge for a flush look. The entire unit is contoured to match the sidewall or door, making the installation as simple as conventional fully framed windows.

Our Nissan NV Windows are configured to fit within the OEM stampings and provide a customized OEM look. Whether converting the Nissan NV for commercial or recreational use, CRL 'All Glass Look' Windows are the right choice.



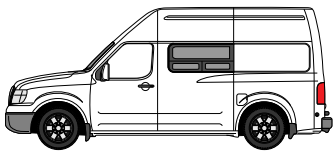




DRIVER'S SIDE QUARTER PANEL REAR

CAT. NO.	CUT-OUT	TYPE	WALL
FW802L	Fits Stamping	T-Vent/Clamp Ring	1/8"

Minimum order: 1 each.

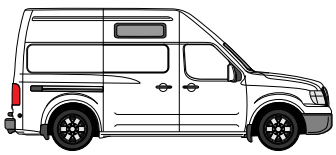




DRIVER'S SIDE FORWARD PANEL

CAT. NO.	CUT-OUT	TYPE	WALL
FW801L	Fits Stamping	T-Vent/Clamp Ring	1/8"

Minimum order: 1 each.

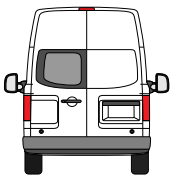




PASSENGER SIDE ABOVE SLIDING DOOR

CAT. NO.	CUT-OUT	TYPE	WALL
FW807R	Fits Stamping	Fixed/Clamp Ring	1/8"

Minimum order: 1 each.

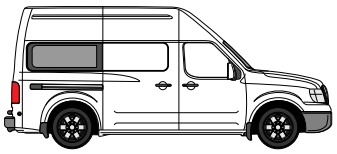




DRIVER'S SIDE REAR DOOR

CAT. NO.	CUT-OUT	TYPE	WALL
FW803L	Fits Stamping	Fixed/Urethane Bonded	1/8"

Minimum order: 1 each.

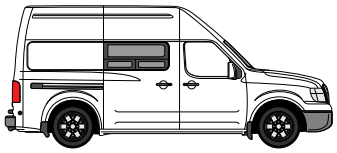




PASSENGER SIDE QUARTER PANEL REAR

CAT. NO.	CUT-OUT	TYPE	WALL
FW804R	Fits Stamping	Fixed/Clamp Ring	1/8"

Minimum order: 1 each.

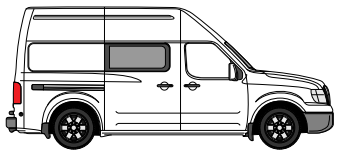




PASSENGER SIDE SLIDING DOOR

CAT. NO.	CUT-OUT	TYPE	WALL
FW805R	Fits Stamping	T-Vent/Clamp Ring	1/8"

Minimum order: 1 each.

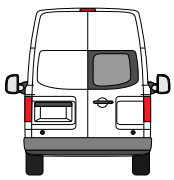




PASSENGER SIDE SLIDING DOOR

CAT. NO.	CUT-OUT	TYPE	WALL
FW806R	Fits Stamping	Fixed/Clamp Ring	1/8"

Minimum order: 1 each.





PASSENGER SIDE REAR DOOR

CAT. NO.	CUT-OUT	TYPE	WALL
FW803R	Fits Stamping	Fixed/Urethane Bonded	1/8"

Minimum order: 1 each.

All CRL Automotive Windows can be combined for quantity pricing.

CRL 2013+ Nissan NV200 Van Windows

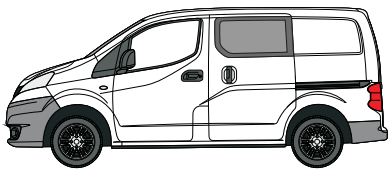
- "All Glass Look" Frames
- 28% Solar Privacy Glass
- Uses OEM Stamping for Cut Line

Our "All Glass Look" windows for the 2013+ Nissan NV200 are a perfect match to the NV200's modern styling. These windows have solar privacy glass with black silk screened fade edges. Contoured to match the sidewall or door, installation is as simple as conventional fully framed windows. Our Nissan NV200 windows are configured to fit within the OEM stampings and provide a customized look.

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MORE CHOICES crlaurence.com

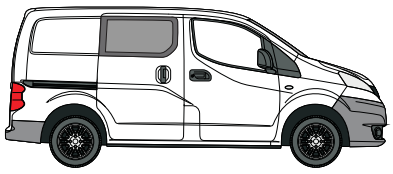




DRIVER'S SIDE SLIDING DOOR

CAT. NO.	CUT-OUT	TYPE	WALL
FW811L	Fits Stamping	Fixed/Clamp Ring	1/8"

Minimum order: 1 each.

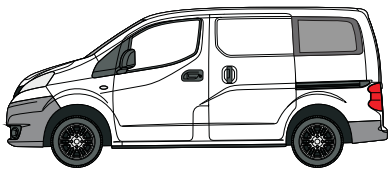




PASSENGER SIDE SLIDING DOOR

CAT. NO.	CUT-OUT	TYPE	WALL
FW811R	Fits Stamping	Fixed/Clamp Ring	1/8"

Minimum order: 1 each.

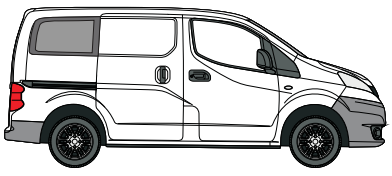




DRIVER'S SIDE QUARTER PANEL REAR

CAT. NO.	CUT-OUT	TYPE	WALL
FW812L	Fits Stamping	Fixed/Clamp Ring	1/8"

Minimum order: 1 each.

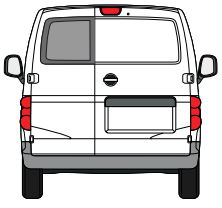




PASSENGER SIDE QUARTER PANEL REAR

CAT. NO.	CUT-OUT	TYPE	WALL
FW812R	Fits Stamping	Fixed/Clamp Ring	1/8"

Minimum order: 1 each.

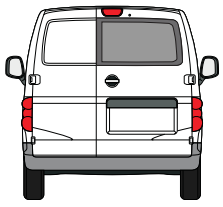




DRIVER'S SIDE REAR DOOR

CAT. NO.	CUT-OUT	TYPE	WALL
FW815	Fits Stamping	Fixed/Urethane Bonded	1/8"

Minimum order: 1 each.





PASSENGER SIDE REAR DOOR

CAT. NO.	CUT-OUT	TYPE	WALL
FW816	Fits Stamping	Fixed/Urethane Bonded	1/8"

Minimum order: 1 each.

All CRL Automotive Windows can be combined for quantity pricing.

CRL 1992+ Ford Full Size Van "All Glass Look" Windows

- High Tech "Aero" Look
- Dark Solar Glass
- Silk Screen Frit Edge
- Contoured to Match Van Walls
- Comes With 1/8" Wall Clamp Ring



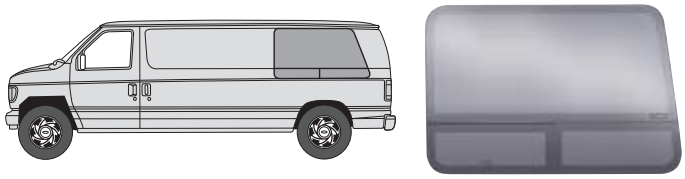
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CRL has "All Glass Look" Van Windows for '92+ Ford Vans. These windows offer the "Aero" design features now being used by OEM's: clean sight lines, reglazable panels, and narrow frame exposures to the exterior. All opening vents have pop-out latches. All come standard with 1/8" wall clamp rings.

NOTE: Cut-out dimensions are provided. To determine which window to order for replacement purposes, deduct 1-1/4" from the overall outside frame dimensions of your existing window to determine the cut-out size as shown on this page. All dimensions are taken at the longest point side-to-side and top-to-bottom.

NOTE: Because of their custom fit design, specific model applications are not interchangeable between van manufacturers.

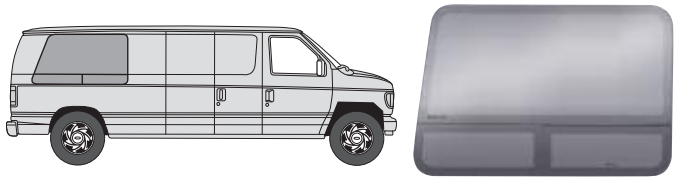
NOTE: In vans with sliding doors it is recommended to measure the height of the sliding door mechanism to make sure the sidewall will accept the window being ordered. Measure from 2" below the drip rail to approximately 2" above the sliding door track mechanism.



DRIVER'S SIDE REAR PANEL

CAT. NO. FIXED	CAT. NO. T-VENT	CUT-OUT W	H	ANGLE	WALL
FW222L	FW221L	41-1/2"	26-5/8"	90/12	1/8"
FW422L	FW421L	42-5/8"	27-3/8"	90/7	1/8"

Minimum order: 1 each.



PASSENGER SIDE REAR PANEL

CAT. NO. FIXED	CAT. NO. T-VENT	CUT-OUT W	H	ANGLE	WALL
—	FW221R	41-1/2"	26-5/8"	12/90	1/8"
FW422R	FW421R	42-5/8"	27-3/8"	6/90	1/8"

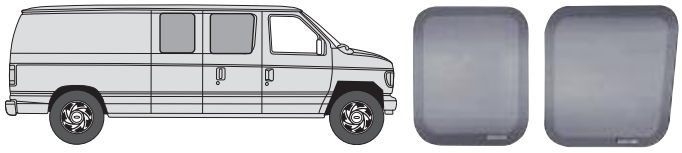
Minimum order: 1 each.



DRIVER'S SIDE FORWARD PANEL

CAT. NO. FIXED	CAT. NO. T-VENT	CUT-OUT W	H	ANGLE	WALL
FW212L	FW211L	41-1/2"	27"	3/90	1/8"
FW412L	FW411L	42-5/8"	27-3/8"	90/90	1/8"

Minimum order: 1 each.



PASSENGER SIDE HINGED DOORS

CAT. NO. FIXED	CUT-OUT W	H	ANGLE	WALL	LOCATION
FW231	14"	20-1/2"	90/90	1/8"	40% Rear
FW241	18-13/16"	20-1/2"	90/4	1/8"	60% Front

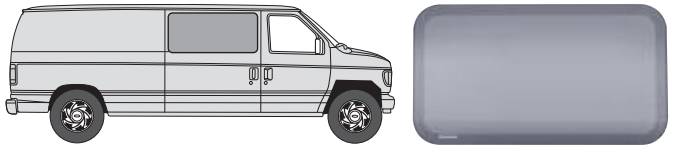
Minimum order: 1 each.



REAR DOORS

CAT. NO. FIXED	CUT-OUT W	H	ANGLE	WALL	DOOR
FW251	22-3/16"	18-5/8"	6/90	1/8"	Driver
FW261	20-7/16"	18-5/8"	90/6	1/8"	Passenger

Minimum order: 1 each.



PASSENGER SIDE SLIDING DOOR*

CAT. NO. FIXED	CUT-OUT W	H	ANGLE	WALL
FW271	40-3/8"	20-1/2"	90/3	1/8"

Minimum order: 1 each. * **NOTE:** Vans with sliding door must use reduced height windows in passenger side rear location.

NOTE: Foam Mounting Tape Cat. No. 60701 is sold separately. See page AU093.

All CRL Automotive Windows can be combined for quantity pricing.

CRL 1992+ Ford Full Size Van Conventional Frame Windows

- Dark Solar Privacy Glass
- Black Powder-Coated Frame

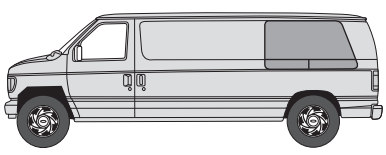
CRL US ALUMINUM MANUFACTURED IN THE USA

Whether you are just adding windows to a cargo van for increased visibility, or doing a complete van conversion, CRL has the windows to complete the job. Choose our Accent Frame Windows for that custom look, or our Standard Windows. Both will provide improved ventilation and visibility for passengers. Our large selection is shown below, or check online at **crlaurence.com/van-windows**.



The use of the original equipment manufacturer's emblems throughout this catalog is intended solely as a guide to product selection. It does not infer, and is not to be construed as, an affiliation between C.R. Laurence Company and these manufacturers, not as an endorsement of their products.

NOTE: Cut-out dimensions are provided. To determine which window to order for replacement purposes, deduct 1-1/4" from the overall outside frame dimensions of your existing window to determine the cut-out size as shown on this page. All dimensions are taken at the longest point side-to-side and top-to-bottom.

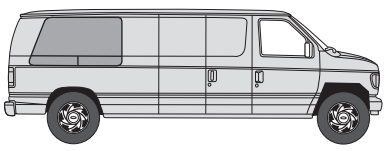




DRIVER'S SIDE REAR PANEL

CAT. NO. FIXED	CAT. NO. T-SLIDER	CUT-OUT W	H	ANGLE	WALL
—	VW21421L	40-1/8"	25-5/8"	90/17	1/8"
—	VW21611L	55"	20-3/4"	2/11	1/8"
—	VW21599L	55-1/2"	21-1/2"	2/11	2-1/4"
VW40631L	—	56-3/8"	21-3/8"	2/11	1/8"

Minimum order: 1 each.

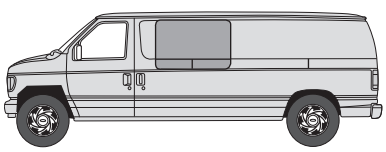




PASSENGER SIDE REAR PANEL

CAT. NO. FIXED	CAT. NO. T-SLIDER	CUT-OUT W	H	ANGLE	WALL
—	VW21421R	40-1/8"	25-5/8"	17/90	1/8"
—	VW21611R	55"	21"	11/2	1/8"
—	VW21599R	55-1/2"	20-1/2"	11/2	2-1/4"
VW40631R	—	56-3/8"	21-3/8"	11/2	1/8"

Minimum order: 1 each.

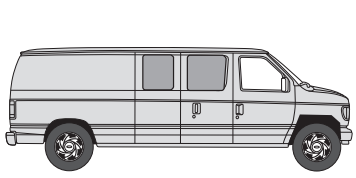




DRIVER'S SIDE FORWARD PANEL

CAT. NO. FIXED	CAT. NO. T-SLIDER	CUT-OUT W	H	ANGLE	WALL
—	VW21391L	40"	25-3/4"	90/90	1/8"
—	VW21452L#	40-1/16"	27-1/8"	90/90	1/4"
VW40099L	—	40-3/8"	20-1/2"	90/3	2-1/4"
VW40091L	—	40-3/8"	20-1/2"	90/3	1/8"
—	VW21601L	42-3/4"	20-3/4"	2/4	1/8"

Minimum order: 1 each. # Bronze Glass.





40%

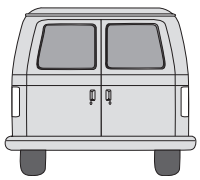


60%

PASSENGER SIDE HINGED DOORS

CAT. NO. FIXED	CUT-OUT W	H	ANGLE	WALL	LOCATION
VW40163	14"	20-1/2"	90/90	1/2"	40% Rear
VW40161	14"	20-1/2"	90/90	1/8"	40% Rear
VW40143	18-13/16"	20-1/2"	90/4	1/2"	60% Front
VW40141	18-13/16"	20-1/2"	90/4	1/8"	60% Front

Minimum order: 1 each.

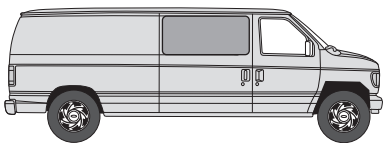




REAR DOORS

CAT. NO. FIXED	CUT-OUT W	H	ANGLE	WALL	DOOR
VW40171	22-3/16"	18-5/8"	6/90	1/8"	Driver
VW40181	20-7/16"	18-5/8"	90/6	1/8"	Passenger
VW40183	20-7/16"	18-5/8"	90/6	1/2"	Passenger

Minimum order: 1 each.





PASSENGER SIDE SLIDING DOOR

CAT. NO. FIXED	CUT-OUT W	H	ANGLE	WALL
VW40091R	40-3/8"	20-1/2"	90/3	1/8"
VW40093R	40-3/8"	20-1/2"	90/3	1/2"

Minimum order: 1 each.

NOTE: Foam Mounting Tape Cat. No. 60701 is sold separately. See page AU093.

All CRL Automotive Windows can be combined for quantity pricing.

CRL 1997+ Chevy/GMC Full Size Van "All Glass Look" Windows

- High Tech "Aero" Look
- 28% Dark Solar Privacy Glass
- Silk Screen Frit Edge
- Contoured to Match Van Walls
- Comes With 1/8" Wall Clamp Ring

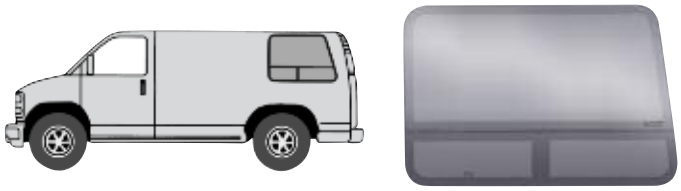


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These windows combine the features, ventilation and installation ease of van conversion windows with the high-tech "aero" look of factory bonded glass. With pre-contoured dark solar glass, silk screen frit edge, sturdy powder-coated frames, and smooth reliable hardware, CRL's "All Glass Look" Van Windows are the "cutting edge" in beauty, quality and value! All come standard with 1/8" wall clamp rings.

NOTE: Cut-out dimensions are provided. To determine which window to order for replacement purposes, deduct 1-1/4" from the overall outside frame dimensions of your existing window to determine the cut-out size as shown on this page. All dimensions are taken at the longest point side-to-side and top-to-bottom.

NOTE: Because of their custom fit design, specific model applications are not interchangeable between van manufacturers.



DRIVER'S SIDE REAR PANEL

CAT. NO. FIXED	CAT. NO. T-VENT	CUT-OUT W	H	ANGLE	WALL
FW122L	FW121L	41-1/2"	27"	90/6	1/8"
FW422L	FW421L	42-5/8"	27-3/8"	90/7	1/8"

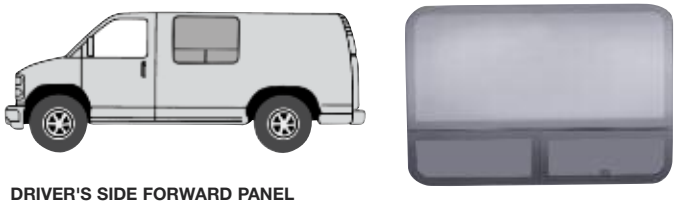
Minimum order: 1 each.



PASSENGER SIDE REAR PANEL

CAT. NO. FIXED	CAT. NO. T-VENT	CUT-OUT W	H	ANGLE	WALL
FW122R	FW121R	41-1/2"	27"	6/90	1/8"
FW422R	FW421R	42-5/8"	27-3/8"	7/90	1/8"

Minimum order: 1 each.



DRIVER'S SIDE FORWARD PANEL

CAT. NO. FIXED	CAT. NO. T-VENT	CUT-OUT W	H	ANGLE	WALL
FW112L	FW111L	41-1/2"	27"	90/90	1/8"
FW412L	FW411L	42-5/8"	27-3/8"	90/90	1/8"

Minimum order: 1 each.



PASSENGER SIDE HINGED DOORS

CAT. NO. FIXED	CUT-OUT W	H	ANGLE	LOCATION
FW131	16-7/16"	20-7/8"	90/90	40% Rear
FW141	21-1/4"	21-1/8"	90/90	60% Front

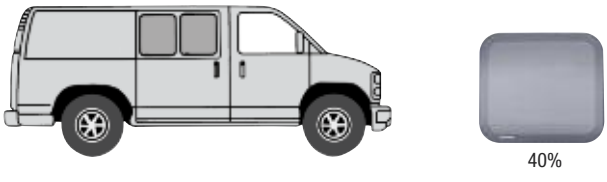
Minimum order: 1 each.



REAR DOORS

CAT. NO. FIXED	CUT-OUT W	H	ANGLE	WALL	DOOR
FW151	22-3/8"	19-5/16"	10/90	1/8"	Driver
FW161	22-3/8"	19-5/16"	90/10	1/8"	Passenger

Minimum order: 1 each.



PASSENGER SIDE SLIDING DOOR

CAT. NO. FIXED	CUT-OUT W	H	ANGLE	WALL	LOCATION
FW131	16-7/16"	20-7/8"	90/90	1/8"	Sliding Door

Minimum order: 1 each. **NOTE:** Because of structural concerns, CRL recommends two 40% Door Windows in the sliding door, one on each side of the vertical beam.

NOTE: Foam Mounting Tape Cat. No. 60701 is sold separately. See page AU093.

All CRL Automotive Windows can be combined for quantity pricing.

CRL 1997+ Chevy/GMC Full Size Van Conventional Frame Windows

- Popular Replacement Sizes Contoured to Match Side Walls and Doors
- T-Slider Bay Windows are Screened
- Dark Gray Tinted Glass
- Comes With 1/8" Wall Clamp Rings

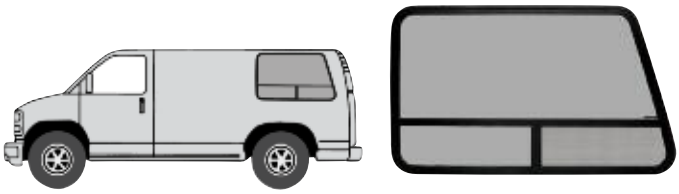


The use of the original equipment manufacturer's emblems throughout this catalog is intended solely as a guide to product selection. It does not infer, and is not to be construed as, an affiliation between C.R. Laurence Company and these manufacturers, not as an endorsement of their products.

CRL not only provides you with state-of-the-art design "All Glass Look" Van Windows, but continues to supply the industry with the conventional framed windows that have been the industry standard for years. CRL's Conventional Framed Van Windows not only offer the value prices you need to compete, but also offer a source for replacement windows for those thousands of vans with windows that fit within these dimensions. All come standard with 1/8" wall clamp rings.

NOTE: Cut-out dimensions are provided. To determine which window to order for replacement purposes, deduct 1-1/4" from the overall outside frame dimensions of your existing window to determine the cut-out size as shown on this page. All dimensions are taken at the longest point side-to-side and top-to-bottom.

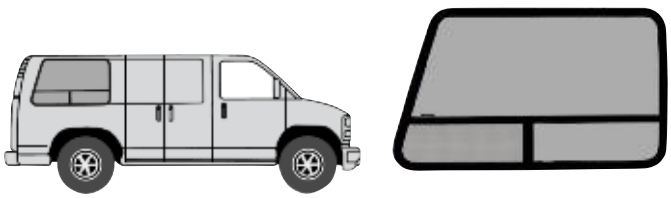
NOTE: Because of their custom fit design, specific model applications are not interchangeable between van manufacturers.



DRIVER'S SIDE REAR PANEL

CAT. NO.	CUT-OUT			
T-SLIDER	W	H	ANGLE	WALL
VW21421L	40-1/8"	25-5/8"	90/17	1/8"

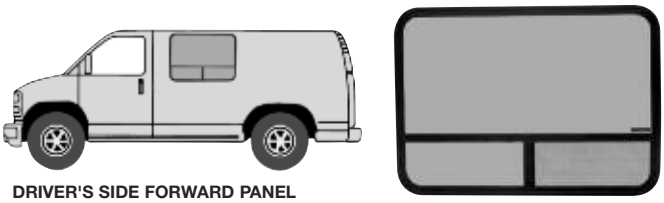
Minimum order: 1 each.



PASSENGER SIDE REAR PANEL

CAT. NO.	CUT-OUT			
T-SLIDER	W	H	ANGLE	WALL
VW21421R	40-1/8"	25-5/8"	17/90	1/8"

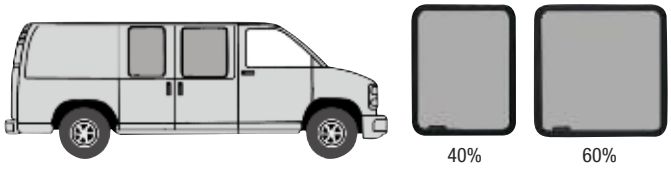
Minimum order: 1 each.



DRIVER'S SIDE FORWARD PANEL

CAT. NO.	CUT-OUT			
T-SLIDER	W	H	ANGLE	WALL
VW21391L	40"	25-3/4"	90/90	1/8"

Minimum order: 1 each.



NOTE: On the sliding side door, because of structural concerns, there is no full-width rectangular window available for this application. CRL recommends the use of two 40% windows on sliding doors. Use the 40/60 combination on hinged doors (40% window on the rear side door, and the 60% window on the forward side door) for this application.



REAR DOORS

CAT. NO.	CUT-OUT				
FIXED	W	H	ANGLE	WALL	DOOR
VW40391L	22-3/8"	19-5/16"	10/90	1/8"	Driver
VW40391R	22-3/8"	19-5/16"	90/10	1/8"	Passenger

Minimum order: 1 each.

MORE INFORMATION
crlaurence.com

PASSENGER SIDE DOORS

CAT. NO.	CUT-OUT				
FIXED	W	H	ANGLE	WALL	LOCATION
VW40381	16-3/8"	21-1/8"	90/90	1/8"	40% Rear
VW40371	21-1/4"	21-1/8"	90/90	1/8"	60% Forward

Minimum order: 1 each.

NOTE: Foam Mounting Tape Cat. No. 60701 is sold separately. See page AU093.

All CRL Automotive Windows can be combined for quantity pricing.

CRL Commuter Van and Mass Transit Bus Windows

C.R. Laurence manufactures a complete line of Commuter Van/Mass Transit Bus Window designs. We make Top T-Sliders, Horizontal Sliders, Vertical Sliders, and Fixed Windows for primary installation. All C.R. Laurence Commuter Windows have sturdy frames with 15 degree sloped sill for improved drainage. On the Top T-Slider the horizontal mullion also has a 15 degree sloped sill ensuring that whichever configuration of window is required, leakage is not going to be a problem. C.R. Laurence excels at making custom sizes to your specifications at production prices and reasonable lead times. We welcome the opportunity to bid your requirements.

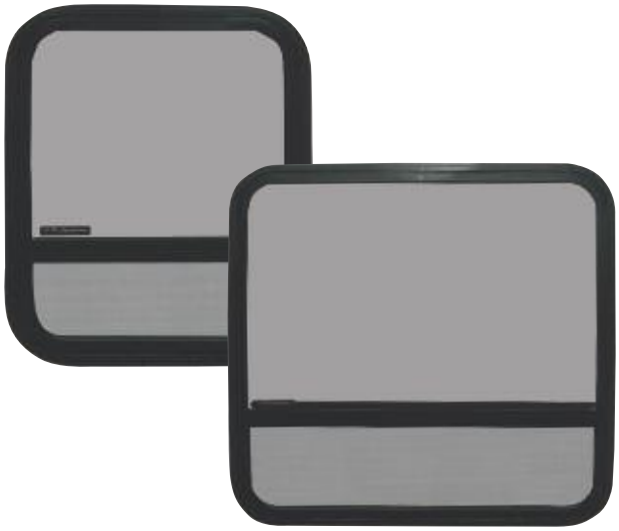
Custom Made to Your Specifications for Size and Fit

CRL US ALUMINUM MANUFACTURED IN THE USA



CRL Top T-Sliders

These windows are available with either a 3" or 3-1/2" (76.2 or 89 mm) corner radius when used as standard installation.



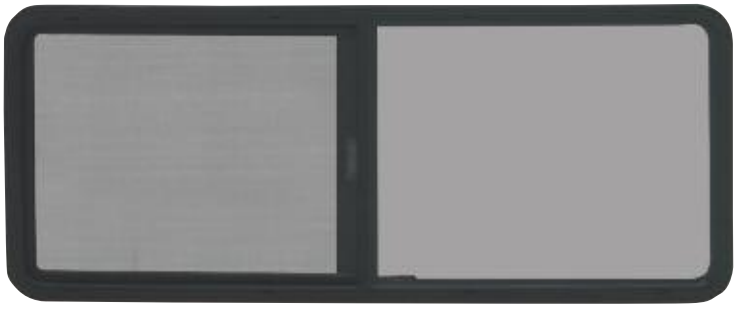
CRL Vertical Sliders

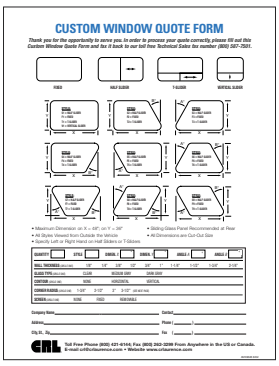
Vertical Sliders for hinged doors or sidewall panels. A choice of glass colors is available.

MORE INFORMATION crlaurence.com

CRL Horizontal Sliders

Horizontal Sliders for sliding doors or sidewall panels are available with or without sliding screens. They are also available with many choices of glass colors.




CUSTOM WINDOW QUOTE FORM

Contact CRL Automotive Technical Sales for our Custom Window Quote Form at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. Ask for Extension 7780. This form is also available online at **crlaurence.com/custom-window-quote**. It's the easiest and quickest way for us to quote the custom windows you need. Fill in the specifications and fax the form to us. You'll find that CRL can be very competitive in price and delivery schedules.

CRL Universal Flat Surface Windows

- All Purpose Windows for Vans, Campers, RVs, Travel and Equipment Trailers, Livestock Trailers, Sleepover Cabs, or Just About Anywhere You Need a Quality Sliding Window
- Available in Stock Sizes or Custom Built to Order







MORE INFORMATION crlaurence.com



Our Universal Flat Surface Windows are the 'all-purpose solution' to ventilate and increase visibility in just about any vehicle with flat walls. The frames are made of extruded aluminum with a black powder-coated finish, formed to surround dark gray tinted tempered safety glass. The sliding panel has a positive locking latch for security, and the ventilating panel is screened. Universal handing lets you use them on the right hand, left hand, or back side of the vehicle because built-in weep holes allow for proper drainage. Trim ring thickness options are 1-1/2" and 2-1/4". The 2-1/4" ring is reversible for 1/8" skin-mount applications.

We offer three stock sizes of Vertical Lift Sliders, and four stock sizes of Horizontal Half Sliders. You also have the option of ordering custom sizes. We can make Universal Flat Surface Windows to your custom specifications for size, format, glass color, and trim ring thickness. With this much versatility, it's easy to see why our Universal Flat Surface Windows are the 'all-purpose solution' to many of your window needs. We welcome the opportunity to quote your requirements. Please contact CRL Auto Technical Sales at (800) 421-6144, Ext. 7780, or by e-mail **automotive@crlaurence.com.**

CRL Horizontal Half Sliders



- Four Stock Sizes
- 28% Solar Privacy
- Metal Locking Latch
- Choice of Trim Rings

CAT. NO.	CUT-OUT W	H	WALL
VW8209	20"	15-1/2"	*2-1/4"
VW8206	20"	15-1/2"	1-1/2"
VW8249	24"	15-1/2"	*2-1/4"
VW8246	24"	15-1/2"	1-1/2"
VW8369	36"	15-1/2"	*2-1/4"
VW8366	36"	15-1/2"	1-1/2"
VW8409	40"	15-1/2"	*2-1/4"
VW8406	40"	15-1/2"	1-1/2"

Minimum order: 1 each. *Reversible trim ring for 1/8" wall applications.

CRL Vertical Lift Sliders



- Three Stock Sizes
- 28% Solar Privacy
- Metal Locking Latch
- Choice of Trim Rings

CAT. NO.	CUT-OUT W	H	WALL
VW7189	18"	28"	*2-1/4"
VW7186	18"	28"	1-1/2"
VW7249	24"	28"	*2-1/4"
VW7246	24"	28"	1-1/2"
VW7289	28"	28"	*2-1/4"
VW7286	28"	28"	1-1/2"

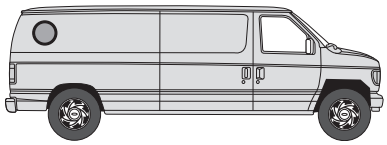
Minimum order: 1 each. *Reversible trim ring for 1/8" wall applications.

NOTE: Cut-out dimensions are provided. To determine which window to order for replacement purposes, deduct 1-1/4" from the overall outside frame dimension of your existing window to determine the cut-out size as shown on this page. All dimensions are taken at the longest point side-to-side and top-to-bottom. All CRL Automotive Windows can be combined for quantity pricing.

CRL Classic Van Porthole



MORE CHOICES crlaurence.com



- The Classic Van Accessory

CRL Classic Van Portholes install with a 1/8" or 1-1/2" reversible clamp ring. Their black powder-coated aluminum frames yield a professionally installed look. This traditional porthole design has 31% dark tinted tempered flat glass.

CAT. NO.	SIZE	CLAMP RING	GLASS COLOR
11035S	12" Circle	1/8" or 1-1/2"	Dark Tint

Minimum order: 1 each.

CRL "All Glass Look" Crank Out Van Window

- For Chevy/GMC, Ford, and Dodge Vans
- Dark Solar Privacy Glass
- Contoured to Match Van Side Walls

Our Crank Out Awning Style Bay Window features state-of-the-art operating hardware. This model is available to fit the forward and rear driver and passenger side rear panels.



CAT. NO.	CUT-OUT W	CUT-OUT H	WALL
FW904RS	32-1/2"	18-1/4"	1/8"

Minimum order: 1 each. All CRL Automotive Windows can be combined for quantity pricing.

CRL Horse Trailer Windows

Horse Trailer Windows have black frames, dark gray tinted glass, and fixed fiberglass screens. All Horse Trailer Windows are universal (left hand or right hand) with 1-1/2" wall thickness, and are fitted with conventional outside pull handles. The Interior Trim Ring is also reversible for 1/8" skin-mount applications.

Horse Guards are internal clamp rings fitted with 1/2" diameter tubing, and are designed to fit our Horse Trailer Side Sliders. Inside security latch provided for optional use. Custom sizes will be quoted on request.

HORSE TRAILER WINDOWS

CAT. NO.	HANDING	CUT-OUT W	CUT-OUT H	WALL
HTW20013	Universal	20"	14"	1-1/2"
HTW20023	Universal	24"	14"	1-1/2"
HTW20033	Universal	30"	14"	1-1/2"
HTW20043	Universal	36"	14"	1-1/2"
HTW20053	Universal	48"	14"	1-1/2"

Minimum order: 1 each. All CRL Automotive Windows can be combined for quantity pricing.

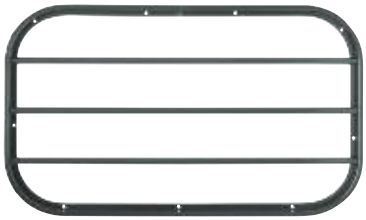
- Available in Stock or Custom Sizes
- 31% Dark Gray Tinted Tempered Glass



Horse Trailer Side Slider

Horse Guards are fabricated to fit specific Horse Trailer Windows and should be ordered at the same time the windows are ordered to assure correct alignment of mounting holes. Contact CRL Automotive Technical Sales for ordering assistance.

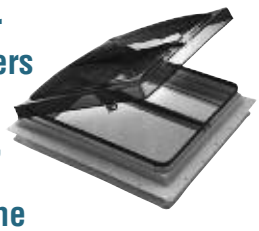
Note: CRL Horse Trailer Windows are packaged without screws or mounting tape. To order these items:
Cat. No. VW8X34S Screw Package
Cat. No. 60701 Foam Mounting Tape.



Horse Guard

CRL Plexi-Dome Roof Vent

- Excellent for RV's, Campers and Vans
- Transparent, Smoke Colored Dome



The Plexi-Dome Roof Vent has a sturdy, low profile plexiglas dome that is a transparent smoke color and has a built-in screen. Easily installed in vehicle roof.

CAT. NO.	DESCRIPTION
V209235	14" x 14" Smoke Dome Vent

Minimum order: 1 each.

CRL Roof Vents

- Available With Built-In Electric Fan



These Roof Vents fit in a 14" x 14" hole, and are hinged on the leading edge to allow air circulation. Crank-type operator lifts white plastic lid from closed to a 45 degree position. Built-in screening keeps insects out.

CAT. NO.	DESCRIPTION
V209234	14" x 14" White Van Vent
V209437	14" x 14" White Van Vent with Built-in 12 Volt Fan

Minimum order: 1 each.

CRL Sliding Glass Window Handle

- Attractive and Durable Zinc/Steel Finish



For use with the CRL Sliding Window Assembly (see page AU045). Slips on glass and holds securely for easy opening and closing of sliding glass panels. Use CRL 33SC Clear Silicone to attach handle to glass.

CAT. NO.	FINISH	SIZE
FP419	Zinc on Steel	2-1/2" x 1/2" Lip

Minimum order: 1 each.

Complete Product Index

6

The following pages contain a complete A-Z Product Index of the product sections outlined below. Here you will find every item featured in this catalog arranged alphabetically, along with its applicable page number(s). Search listings by brand, generic, and common names.



Glass and Glazing
Pages GG001 to GG216



Tools, Machinery, and Equipment
Pages TE001 to TE152



Sealants, Adhesives, and Fasteners
Pages SF001 to SF136



Door and Window Replacement Hardware
Pages DW001 to DW160



Auto Glass Tools and Hardware
Truck, Van, RV, and Automotive Windows
Pages AU001 to AU112

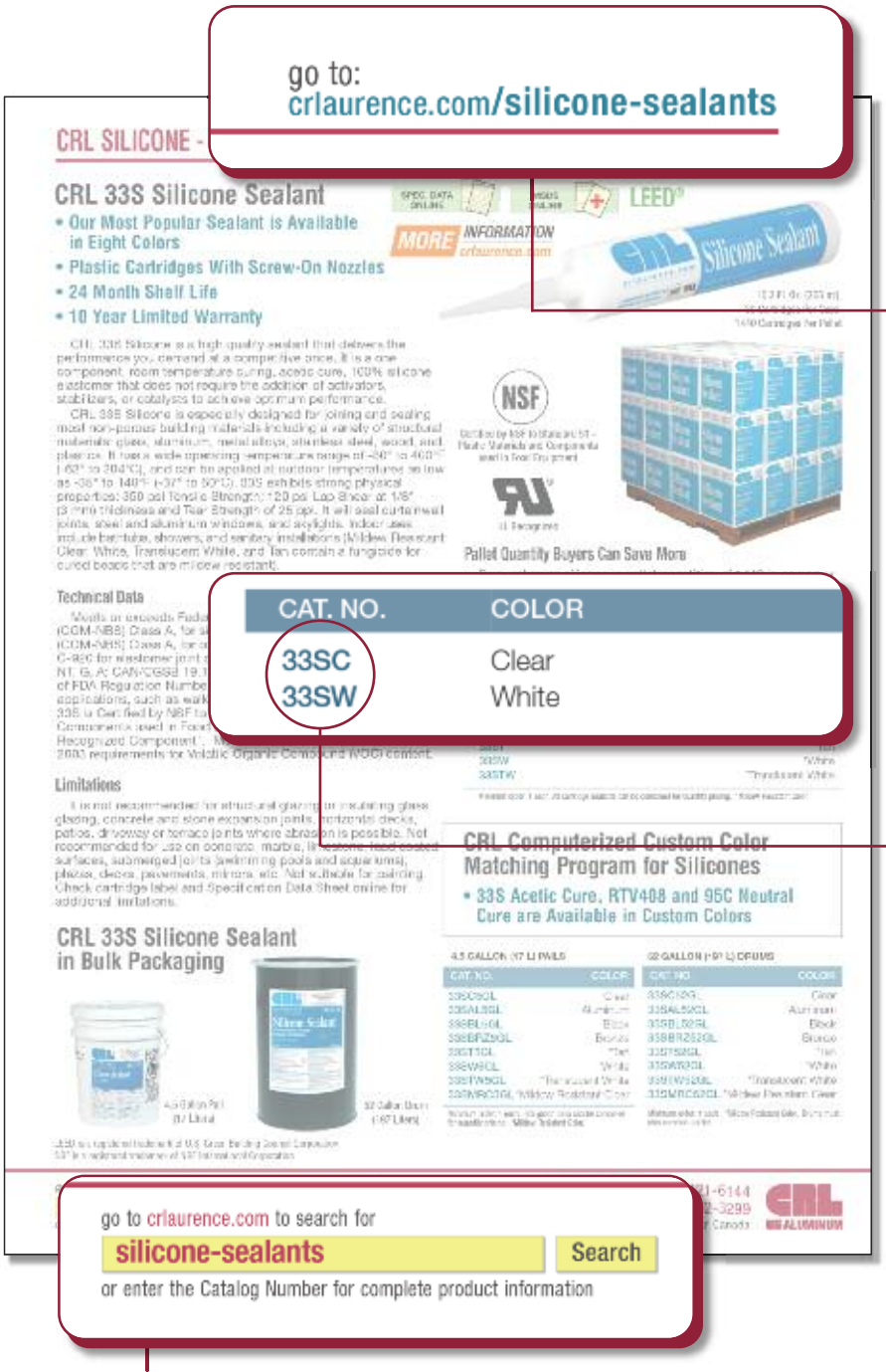
In addition to finding products via the catalog index, we offer several ways to help you find exactly what you're looking for on **crlaurence.com**. The next page will show you how to take advantage of all the convenient methods of searching.

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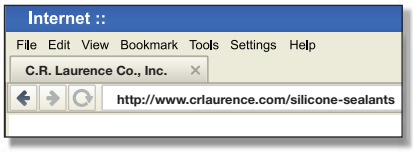
HOW TO FIND PRODUCTS

We Give You a Number of Ways to Find What You Want



Shortcuts

The top right of each catalog page has a shortcut URL (web address) that relates to the products on the catalog page you're looking at. Simply type the string of text into your web browser's address bar and you'll jump to that specific expanded product offering on **crlaurence.com**.



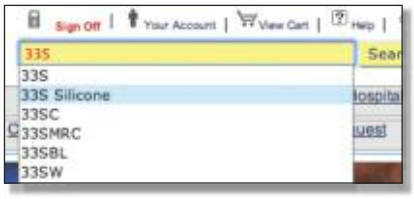
Online Shortcut Directory

Every shortcut URL for every product category in this catalog is available in an easy-to-navigate alphabetical online directory at **crlaurence.com/shortcut-index**.

Search by Product Number

The absolute fastest and most accurate method of finding and reordering products on **crlaurence.com**

- Find Product Numbers (appears as "CAT. NO.") in catalogs and on product packaging
- Enter the Product Number into the **crlaurence.com** search box to access complete product information



Search Suggest

Start entering a keyword or product number, and CRL Search Suggest will show you a list of popular search terms and shortcut URL's similar to the search terms you're typing. You can click on any that appear to go to that item/topic.

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The bottom left of each page lists unique search keywords to provide quick navigation once you're already at **crlaurence.com**. Type the keyword(s) into the **crlaurence.com** search box and click "**Search**" to access a complete selection of products related to the catalog page you're on. **NOTE:** Be sure to include any hyphens (-) you see in the Keywords.

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You've looked through our catalog and tried the "CRL Total Search" on our web site, and still couldn't find what you were looking for? Don't give up, just ask us for assistance online. Go to **crlaurence.com/support** and tell us what it is you are looking for. Our Online Support Department will respond within the next business day. If you have a picture, drawing, or attachment you need to send along with your request, you can send a direct email by addressing it to **crl@crlaurence.com**. We will do our best to help you because your satisfaction is our goal.



Call Us Toll Free (800) 421-6144

There's a friendly and helpful voice to help with your product inquiries whenever you call us toll free at **(800) 421-6144** from anywhere in the United States or Canada. Please ask for Customer Service and let us know what you are looking for, how many you need, and when you need them. We're experts at searching available sources worldwide. The experience gained by decades of service affords us the ability to serve you in more ways than you might realize. In Australia our toll free number is **1800 424 275**. In Europe our freephone number is **00 800 0421 6144**.



Fax Us Toll Free (800) 262-3299

They say a picture is worth a thousand words, and when you send us a fax describing what you need it makes it that much easier to serve you. CRL offers toll free fax service from anywhere in the United States and Canada. Just dial **(800) 262-3299**, and address your request to CRL Customer Service. Make sure to include your name and return telephone number. We'll be in touch shortly with an answer. In Australia the toll free fax number is **1800 813 013**. In Europe the freefax number is **00 800 0262 3299**.



Send Us A Sample

Need a special part but haven't been able to find it anywhere? We can usually help you by e-mail, phone or fax, but when that doesn't work, we offer a sample matching service that is determined to serve you. Every year hundreds of CRL customers send us samples of what they're looking for because they know that, quite often, CRL is their best chance of getting just what they need. You may send a sample of what you need to: CRL Customer Service, 2503 E. Vernon Avenue, Los Angeles, CA 90058-1826. Be sure to include your name and telephone number so we can call you with the results of our search. In Australia, 9 Shale Place, Eastern Creek, NSW 2766. In Europe, Charles Babbage Avenue, Kingsway Business Park, Rochdale OL16 4NW England.

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- **Virtually Limitless Design Options**

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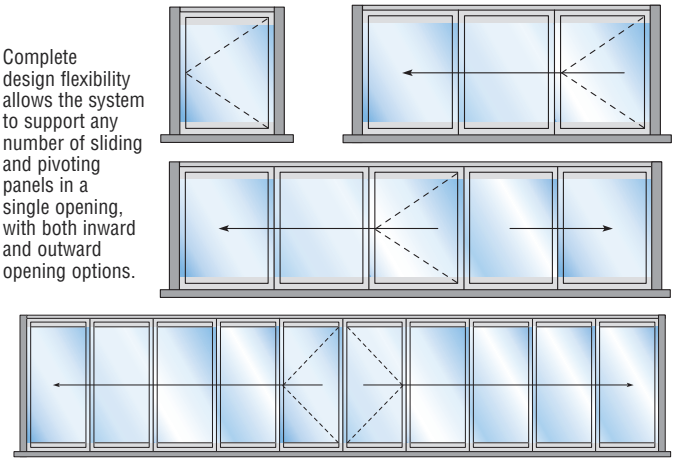
The Monterey Series is designed for use with 1/4" to 1-1/4" (6 to 32 mm) glazing. Standard finishes are Wood Grain, White, and Black Powder Coat; Satin and Black/Bronze Anodized. Custom colors are available on special order.



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To discuss the new Monterey, Please call CRL Technical Sales at (800) 421-6144 and ask for Extension 7770.

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- 53R GLASS AND GLAZING HARDWARE
- 63A ARCHITECTURAL HARDWARE
- 63R ARCHITECTURAL RAILING
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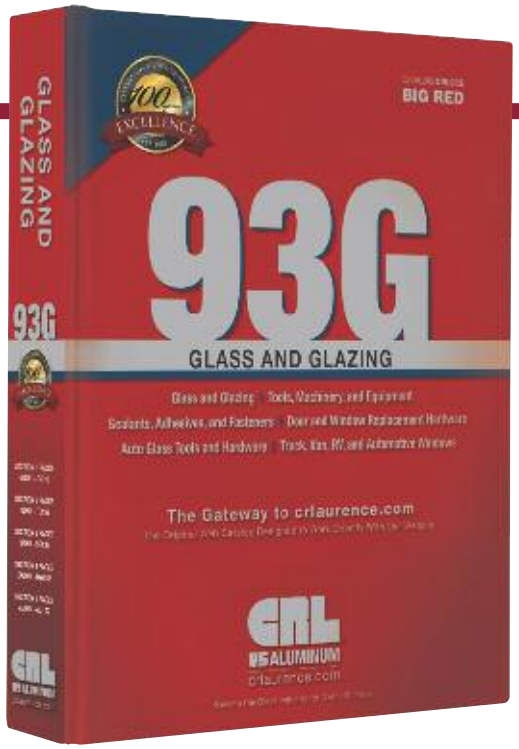


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All CRL Catalogs are available for order, download, or viewing online at **crlaurence.com/catalogs**.



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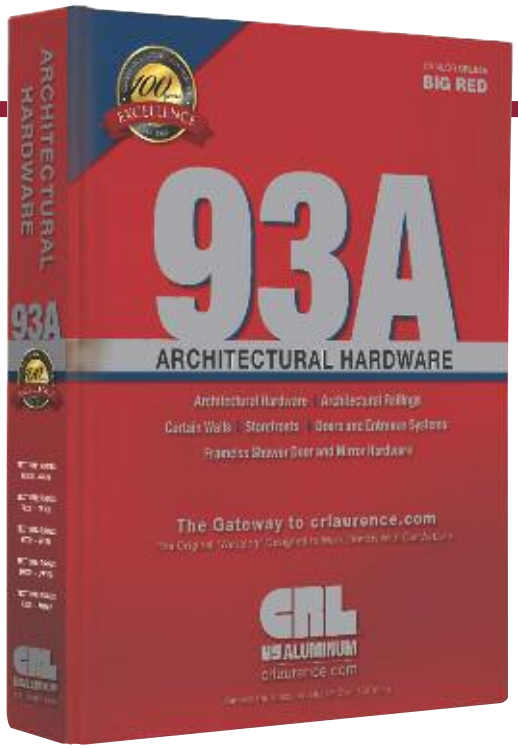


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Live consultation by phone is available from 6:00 am to 5:00 pm (Pacific Time) Monday through Friday, and 7:00 am to 12:00 pm on Saturday.

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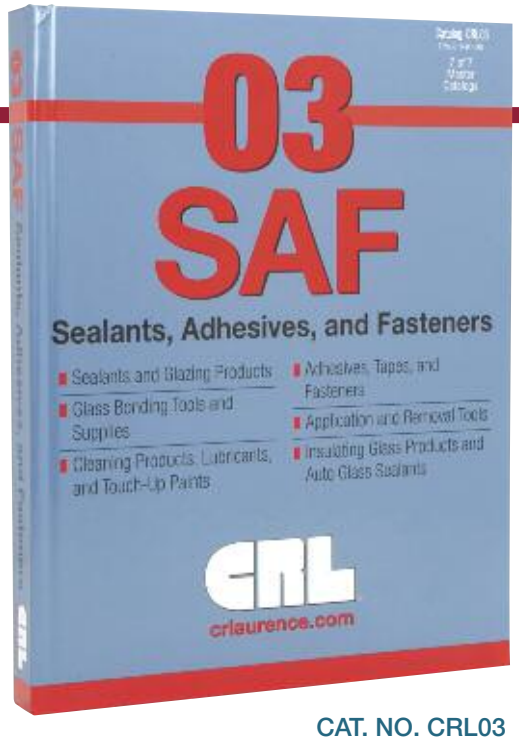


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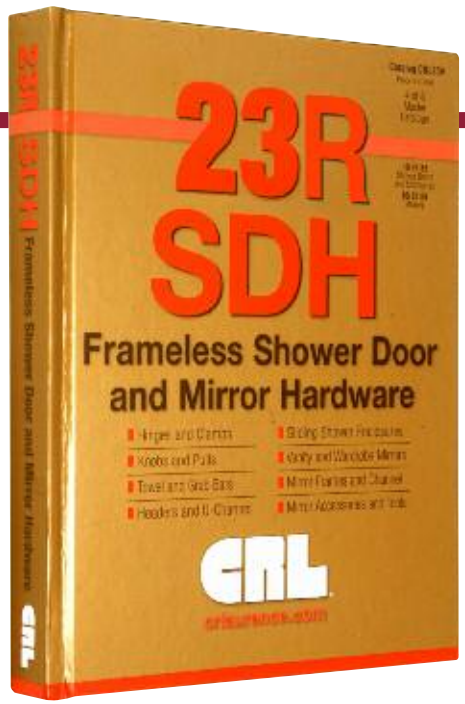
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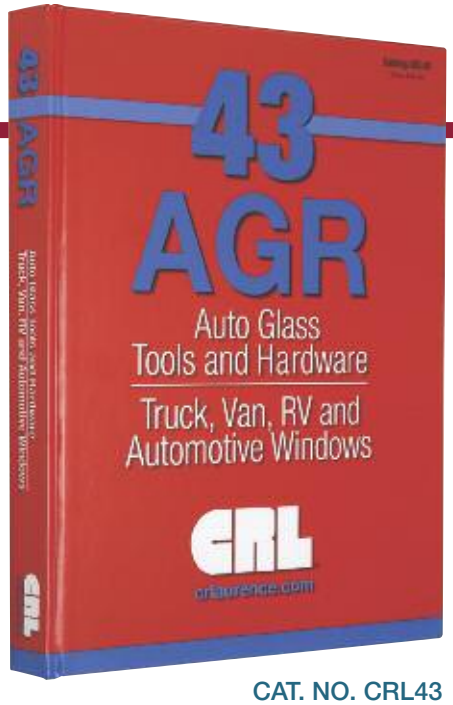
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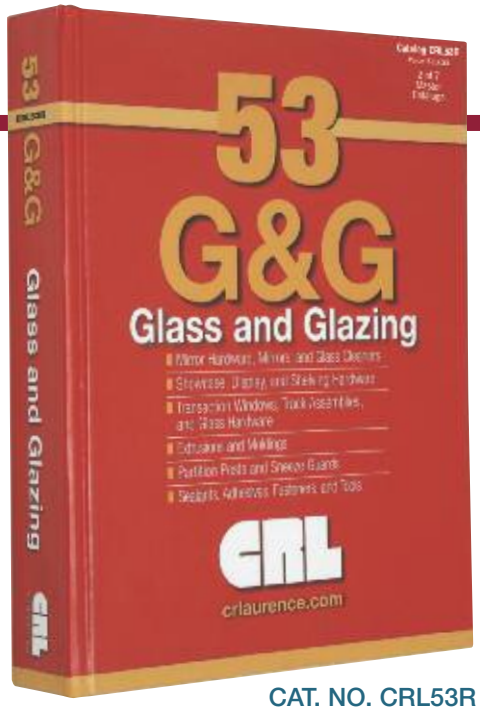
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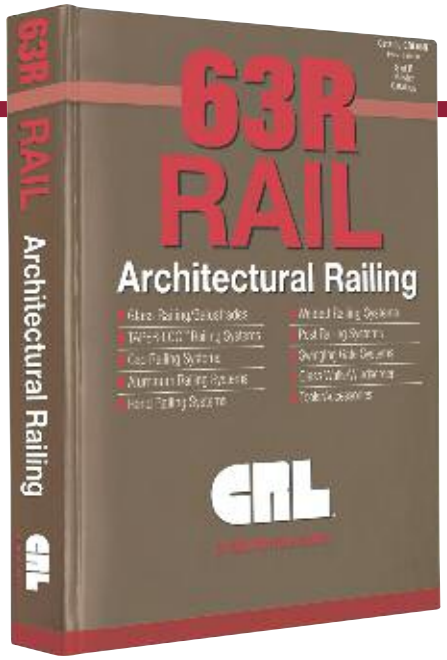
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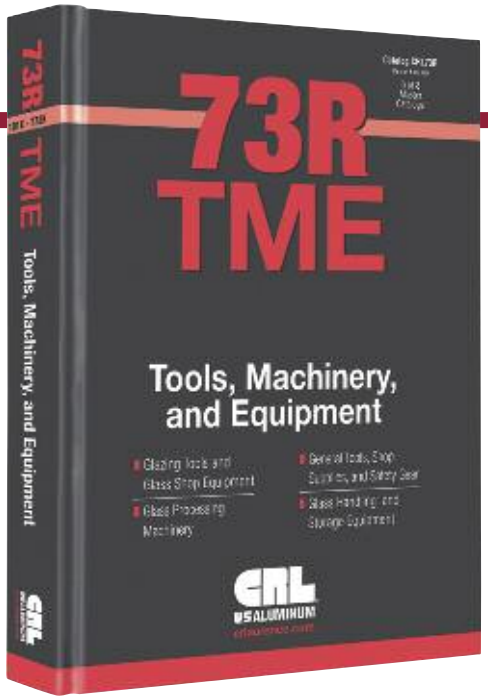
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TOOLS, MACHINERY, AND EQUIPMENT CATALOG



CAT. NO. CRL73R
Over 600 full-color pages, including an extensive A to Z Product Index for quick look-up of products

Master Catalog CRL73R Tools, Machinery, and Equipment

- Glaziers' Tools
- Glass Handling Tools
- Safety Gear
- Specialty Tools
- General Hand and Shop Tools
- Caulking Tools
- Insulating Glass Tools and Equipment
- Glass Storage Equipment
- Glass Working Machinery
- Lifting Equipment

CRL73R is where you will find our extensive line of Tools, Machinery, and Equipment specifically designed for the glazing industry. This catalog contains every essential tool the glazing professional needs from abrasives to truck racks and safety glasses; from auto glass tools to cut protection garments; from caulking guns to UV bonding tools and solar energy equipment. CRL73R Master Catalog is organized into six sections for fast and easy product reference. It is one of CRL's series of Master Catalogs that serve the glass industry and related businesses, each focusing on one of our core business groups.



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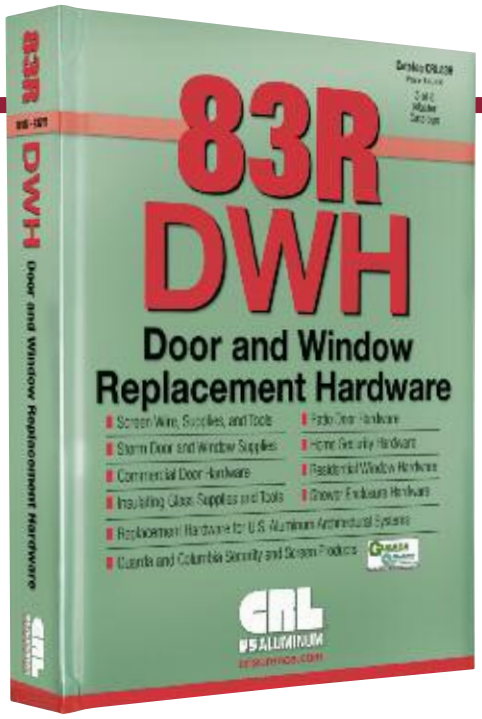
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DOOR AND WINDOW CATALOG



CAT. NO. CRL83R
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A to Z Product Index for quick look-up of products

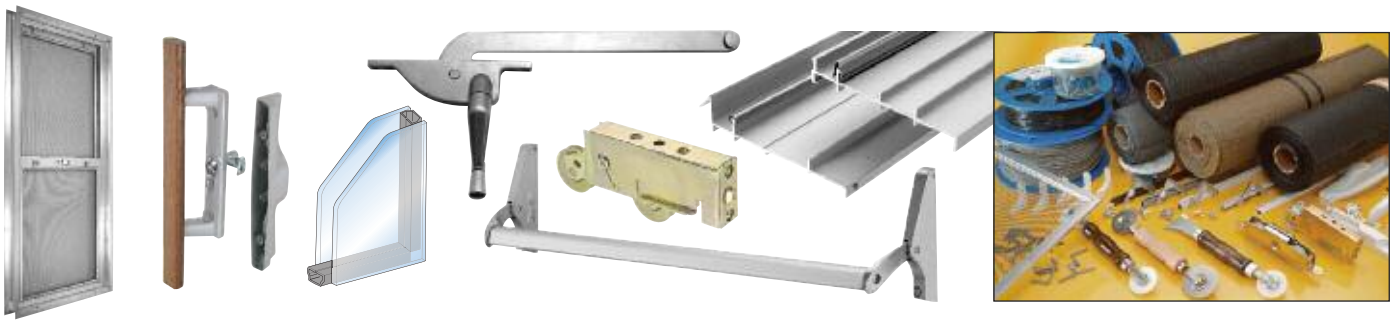
Master Catalog CRL83R
Door and Window Replacement Hardware

- Screen Wire, Supplies, and Tools
- Patio Door Hardware
- Storm Door and Window Supplies
- Home Security Hardware
- Replacement Hardware for U.S. Aluminum Architectural Systems
- Commercial Door Hardware
- Residential Window Hardware
- Insulating Glass Supplies and Tools
- Shower Enclosure Hardware

GUARDA COLUMBIA MANUFACTURING CORP. crlaurence.com SECURITY AND SCREEN PRODUCTS

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CRL83R features our comprehensive selection of door and window replacement parts for residential, commercial, and institutional use. There is also a full selection of hardware for use in shower enclosures, and our full program for the fabrication and installation of energy saving insulating glass units. The CRL83R Master Catalog is separated into six sections for fast and easy product reference. It's one of CRL's series of Master Catalogs that serve the glass industry and related businesses, each focusing on one of our core business groups.



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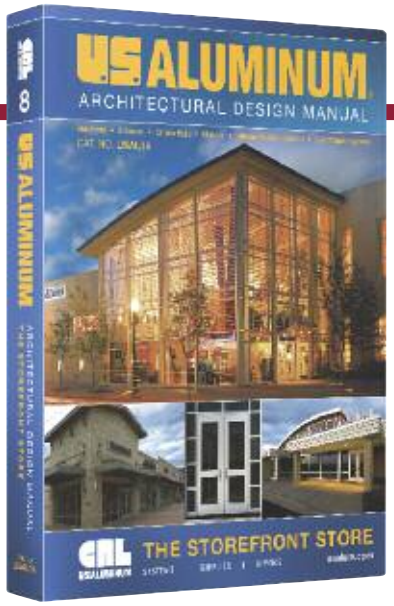
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U.S. ALUMINUM STOREFRONT CATALOG



CAT. NO. USAL14

Over 500 pages of extensive information on Entrances, Storefronts, Window Walls, Windows, Hurricane Resistant, and Blast Mitigation Systems

USAL14 Architectural Design Manual U.S. Aluminum The Storefront Store

- Storefronts
- Entrance Doors
- Window Walls
- Windows
- Hurricane Resistant Systems
- Blast Resistant Systems



Ask about a FREE 30-Day Trial of U.S. Aluminum Storefronts Online®, our Web-based glass sizing and estimating program

Our USAL14 Architectural Design Manual will show you how simple it can be to get into the storefront installation and repair business. U.S. Aluminum has designed and engineered a number of proven and attractive storefront systems with long-lasting quality, reliability, and durability. Whatever the climate and environment, our storefront systems are known performers that deliver value on a daily basis.

The USAL14 Architectural Design Manual has over 500 pages of extensive information on Aluminum Entrance Doors, Storefronts, Window Walls, Windows, Hurricane (Impact) Resistant Systems, Blast Mitigation Systems, 'All-Glass' Entrances, and Interior Office Front Systems, including an A to Z Index for quick look-up of products. Organized into sections for fast and easy product reference, the USAL14 Architectural Design Manual is your premier source for all things storefront.





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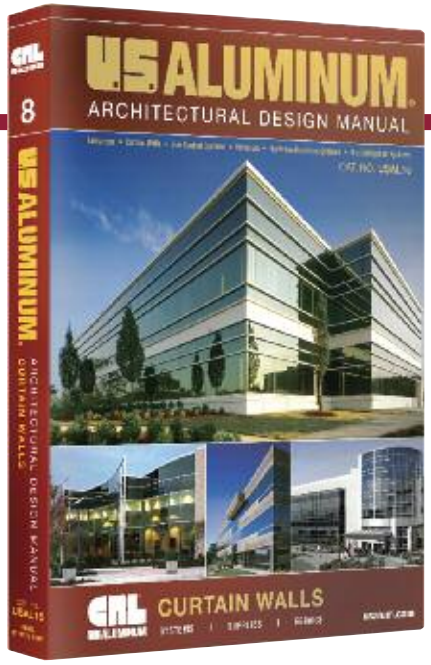
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U.S. ALUMINUM CURTAIN WALL CATALOG



CAT. NO. USAL15

Over 500 pages of extensive information on Entrances, Curtain Walls, Sun Control Systems, Windows, Hurricane Resistant, and Blast Mitigation Systems

USAL15 Architectural Design Manual U.S. Aluminum Curtain Wall

- Entrance Doors
- Curtain Walls
- Sun Control Systems
- Windows
- Hurricane Resistant Systems
- Blast Resistant Systems

Our USAL15 Architectural Design Manual offers you a full range of curtain wall systems with superior thermal performance. The quality, performance, and aesthetic beauty of our products permit architects and designers to fully utilize the unique structural properties of aluminum for both interior and exterior design. Finishes range from custom matched painted coatings to a wide selection of clear, bronze or black anodic finishes.

Our engineering staff constantly updates product design to satisfy the performance requirements and economic concerns of today's most demanding projects. After design, certified independent testing labs test our systems to the highest industry standards.

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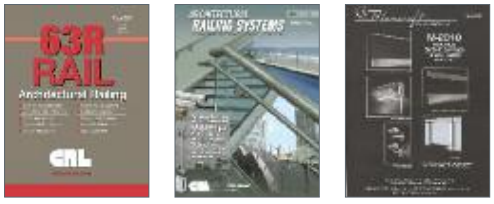
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Door and Window Replacement Hardware
Pages DW001 to DW160



Auto Glass Tools and Hardware Truck, Van, RV, and Automotive Windows
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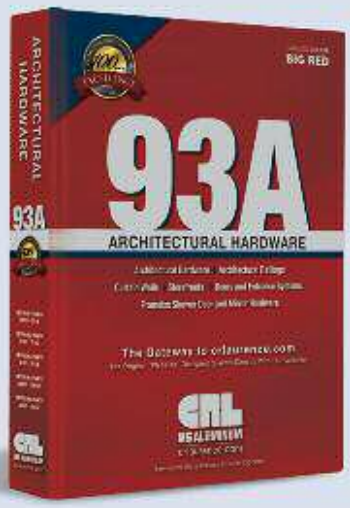
Complete Your Set

93A ARCHITECTURAL HARDWARE

The CRL93 "Big Red" comprises two complete volumes; the 93G showcases the glass and glazing industry's essential tools, supplies, and equipment, while the 93A features a comprehensive selection of popular, high-quality architectural hardware systems. Together, they serve as a complete cross-section of all CRL products and services.

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