2021 Annual Catalog
First Quality Composite Materials Guaranteed
Since 1957 Fibre Glast has specialized in the distribution of fiberglass and other composite materials. We are proud to offer the largest and most comprehensive composite catalog in the industry, and are glad you have chosen to consider us for your composite needs. Fibre Glast materials are suitable for aerospace, marine, military, and racing applications. We only supply First Quality materials, never second quality, or close-outs.
Carbon Fiber Fabric

1K, Plain Weave
Carbon Fiber Fabric
3.5 oz/ sq yd, 42" Wide, 0.009" Thick, 1K, Plain Weave

This unique carbon fiber fabric is used in the most demanding applications requiring carbon properties and stiffness at a minimum weight. Plain weave construction provides excellent stability and easy handling.

*3.5 oz/sq yd, 42" Wide 0.009" Thick, 1K, Plain Weave*

 Plain weave construction provides demanding applications requiring carbon properties and stiffness. It is used in the most structural applications, offering improved economics to fabricators when compared to multiple layers of lighter fabrics. This fabric is frequently used for structural parts with virtually no flex.

3K, Plain Weave
Carbon Fiber Fabric
5.7 oz/ sq yd, 0.012" Thick, 3K, 12.5 x 12.5 Plain Weave

For lightweight aerodynamic parts, plain weave carbons are a commonly selected fabric style, delivering uniform strength in both horizontal and vertical directions. In fact, these fabrics boast an ultimate tensile strength of at least 610 KSI - most competitors offer only around 500 KSI. They wet out quickly and handle easily. Only three layers are typically necessary to produce non-structural pieces.

*6K, 2x2 Twill Weave
Carbon Fiber Fabric
19.8 oz/ sq yd, 0.03" Thick, 12K, 2x2 Twill Weave

This twill weave is our most popular carbon fiber fabric, with a signature appearance that is highly desirable for modern composite parts in the auto, marine, and sporting goods industries. As compared to plain weave counterparts, the twill weave offers greater conformability and delivers a slight edge in strength. In fact, our #1069 boasts a tensile strength of at least 610 KSI, most competitors offer around 500 KSI.

*6K, 2x2 Twill Weave
Carbon Fiber Fabric
10.9 oz/ sq yd, 0.024" Thick, 6K, 2x2 Twill Weave*

Twill weave is our most popular carbon fiber fabric, with a signature appearance that is highly desirable for modern composite parts in the auto, marine, and sporting goods industries. As compared to plain weave counterparts, the twill weave offers greater conformability and delivers a slight edge in strength. In fact, our #1069 boasts a tensile strength of at least 610 KSI, most competitors offer around 500 KSI.

*6K, 2x2 Twill Weave
Carbon Fiber Fabric
10.9 oz/ sq yd, 0.024" Thick, 6K, 2x2 Twill Weave*
Unidirectional Carbon Fiber Fabric
4.0 oz/sq yd, 12” Wide, 0.004” Thick, 12K, Unidirectional Prepreg
4.3 oz/sq yd, 12” Wide, 0.004” Thick, 12K, IM, Unidirectional Prepreg
9.0 oz/sq yd, 12” Wide, 0.014” Thick, 12K, Unidirectional Prepreg
22.3 oz/sq yd, 12” Wide, 0.03” Thick, 24K, Unidirectional Prepreg

These unidirectional fabrics are made without the typical hot melt process. Consequently, there is no crimping of the fiber and only minimal binder is used. This results in the highest property unidirectional dry reinforcement available. The 4 oz ultralight dry reinforcement is popular for smaller scale projects like UAV’s, model boats, or sporting goods. The 9 oz is used in many marine applications such as boat hulls, as well as hockey sticks and bicycles. The Intermediate Modulus 4.3 oz Unidirectional is used in aerospace and racing applications where maximum single directional properties are critical. Our 22.3 oz is a thick, quilted unidirectional that provides quick lay-up and extreme structural reinforcement is popular for smaller scale projects like UAV’s, model boats, or sporting goods. The Intermediate Modulus 4.3 oz Unidirectional is designed for use in aerospace applications.

4.0 oz
#2586-A 1 YD ROLL $13.95
#2586-B 3 YD ROLL $34.95
#2586-C 5 YD ROLL $49.95

4.3 oz
#2596-A 1 YD ROLL $30.95
#2596-B 3 YD ROLL $89.95
#2596-C 5 YD ROLL $144.95
#2596 10+ YARDS $6.95/YD
25+ YARDS $6.25/YD
50+ YARDS $5.95/YD

9.0 oz
#2593-A 1 YD ROLL $29.95
#2593-B 3 YD ROLL $74.95
#2593-C 5 YD ROLL $104.95
#2593 10+ YARDS $14.95/YD
25+ YARDS $12.95/YD
50+ YARDS $10.95/YD

22.3 oz
#2595-A 1 YD ROLL $59.95
#2595-B 3 YD ROLL $148.95
#2595-C 5 YD ROLL $224.95
#2595 10+ YARDS $39.95/YD
25+ YARDS $28.25/YD
50+ YARDS $25.95/YD

Prepreg Unidirectional Carbon Fiber Fabric
4.3 oz/sq yd, 12” Wide, 0.006” Thick, 12K, 1M, Unidirectional Prepreg
4.0 oz/sq yd, 12” Wide, 0.006” Thick, 12K, Unidirectional Prepreg
9.0 oz/sq yd, 12” Wide, 0.014” Thick, 12K, Unidirectional Prepreg
22.3 oz/sq yd, 12” Wide, 0.03” Thick, 24K, Unidirectional Prepreg

These popular weights of unidirectional fabrics feature a pre-impregnated epoxy resin that provides a nearly perfect fiber-to-resin weight ratio for ultimate strength. The resin also ensures a beautiful, glossy finish free of pinholes and dry spots. The 4.3 oz and 9.0 oz fabrics used in these parts are the same as our #2596 and #2583 fabrics, respectively. The #2114 Intermediate Modulus fabric is designed for use in aerospace applications.

4.3 oz
#2114-A 1 YD ROLL $48.95
#2114-B 3 YD ROLL $129.95
#2114-C 5 YD ROLL $179.95
#2114 10+ YARDS $32.95/YD
25+ YARDS $31.25/YD
50+ YARDS $29.75/YD
75+ YARDS $28.25/YD
100+ YARDS $26.85/YD

Carbon Fiber Veil
35.5” Wide
0.2 oz/sq yd

Graphite veils are frequently used in applications when corrosion resistant barriers are required. The nonwoven construction allows a resin-rich surface that increases chemical stability and reduces the risk of micro-cracks forming in the composite surface. Carbon veils can also be used for grounding a composite structure, minimizing the build-up of static electricity that could prove dangerous when in contact with explosive liquids and gases. WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

500+ YARDS
#1064-A 1 YD ROLL $16.95
#1064-B 3 YD ROLL $44.95
#1064-C 5 YD ROLL $69.95
#1064 10+ YARDS $12.95/YD
25+ YARDS $12.95/YD
50+ YARDS $12.95/YD
125+ YARDS $12.95/YD
500+ YARDS $11.75/YD
Braided Carbon Fiber Biaxial Sleeves
For Precise, Repeatable, High-Strength Parts
These braided carbon biaxial sleeves have the cosmetically desirable appearance of a 2x2 twill pattern but as a sleeve, they can be slid over a prepared mandrel or tube to create straight or tapered tubing. The sleeves can be increased from their base diameter up to 30% and decreased up to 70%. This means that a 2" diameter can be used in a single application ranging from 2.6" diameter down to 0.6". Laying up sleeves is predictable, repeatable, and suitable for precise manufacturing of composite parts. WARNING: Cancer Harm - www.P65Warnings.ca.gov

Unidirectional Carbon Fiber Sleeves
For Tapered, Curved, or Irregular Shaped High-Strength Parts
These unidirectional carbon fiber sleeves are ideal for tapered, curved or other irregular shapes and feature ultimate strength in one direction. These sleeves are braided with small elastic bias yarns offering conformability, fitting snugly while uniformly distributing the axial reinforcements around the perimeter of the part. Our unidirectional carbon fiber sleeves even conform to parts with varying diameters, irregular shapes, or varying cross-sections like prosthetics and hockey sticks.

24K, Carbon Tow
24,000 Individual Carbon Filaments
Carbon Fiber Tow is the thread used to weave carbon fiber fabrics. As a standalone product, it can be used to make wound parts, pultrusion, or chopped as a local reinforcement.

Unfinished Edge Carbon Fiber Tapes
7.3 oz/sq yd, 0.012" Thick, 3K, Plain Weave
Carbon fiber tape is ideal for selective reinforcement of carbon fiber fabrications, sleeve winding, lap joining, and repairs of cracks on graphite surfaces. Just like their wider carbon fabric counterparts, these standard modulus tapes offer higher ultimate tensile strength and stiffness-to-weight ratios than any other commonly available reinforcements. They are ideal for use in auto racing, aerospace, competition marine, and light industrial applications.

Carbon Fiber Sample Pack
This convenient Sample Pack contains 4" x 6" swatches of all of our carbon fabrics. It is ideal for determining which material you would like to try for your application. Plus, this Sample Pack includes a coupon for $25 off your next order of $100 or more when purchased within 60 days!

Same Day Shipping
For orders placed before 2:30pm EST

Carbon Fiber / Fabrics

1.800.214.8568 FIBREGLAST.COM
Kevlar® / Carbon Fiber Hybrid

5.4 oz/sq yd, 50” Wide, 0.012” Thick, 2x2 Twill Weave

This first quality hybrid fabric offers 3K Carbon warp fibers and 1500 Denier Kevlar® fill fibers for maximum drapability and drop-dead good looks. Use as a single layer for cosmetics only or back with another layer in the cross direction for a maximum balance of properties.

50” Wide

#1065-A 1 YD ROLL $74.95
#1065-B 3 YD ROLL $219.95
#1065-C 5 YD ROLL $329.95
#1065 10+ YARDS $59.95/YD

#1065-A 3 YD ROLL $196.95
#1065-B 5 YD ROLL $329.95
#1065-C 10 YARDS $338.95

Kevlar® Plain Weave Fabric

5.3 oz/sq yd, 50” Wide, 0.011” Thick, 1140D, Plain Weave

Kevlar® in plain weave form is the most popular Kevlar® in composites. Although it is slightly stiffer for highly contoured molds, it offers uniform properties, maximum stability, and simple surface characteristics. Its good stiffness, light weight, and high abrasion resistance make it a great selection for applications that include kayaks, canoes, high-speed boats, aircraft fuselage panels, pressure vessels, sporting equipment, wind turbines, and much more.

50” Wide

#2469-A 1 YD ROLL $54.95
#2469-B 3 YD ROLL $163.95
#2469-C 5 YD ROLL $341.95
#2469 10+ YARDS $41.75/YD

#2469 25+ YARDS $39.55/YD
#2469 50+ YARDS $37.35/YD

Kevlar® Tapes

5.0 oz/sq yd, 0.01” Thick, 1x1 Plain Weave

Kevlar® tape is ideal for selective reinforcement of Kevlar®, fiberglass, or carbon laminations and repairs. Its plain weave pattern matches our #2469 fabric and offers uniform strength and drapability for wrapping or laying in strips, particularly for applications of unique shape. They are ideally suited for marine and sporting goods applications.

1” WIDE

#531-A 10 YD ROLL $32.95
#531-B 50 YD ROLL $189.75
#531 4+ ROLLS $31.25/RL
#531 10+ ROLLS $29.95/RL

1 IN

#532-A 10 YD ROLL $52.95
#532-B 50 YD ROLL $237.95
#532 4+ ROLLS $40.75/RL
#532 10+ ROLLS $38.55/RL

2 IN

#533-A 10 YD ROLL $65.95
#533-B 50 YD ROLL $283.95
#533 4+ ROLLS $45.75/RL
#533 10+ ROLLS $43.55/RL

3 IN

#2482-A 10 YD ROLL $79.95
#2482-B 50 YD ROLL $328.95
#2482 4+ ROLLS $54.75/RL
#2482 10+ ROLLS $52.55/RL

4 IN

#2495-A 10 YD ROLL $105.95
#2495-B 50 YD ROLL $395.95
#2495 4+ ROLLS $68.75/RL
#2495 10+ ROLLS $66.55/RL

6 IN

#2611-A 1 YD ROLL $27.45
#2611-B 3 YD ROLL $81.95
#2611-C 5 YD ROLL $163.95
#2611 10+ YARDS $14.25/YD

2 IN

2” Braided Kevlar® Biaxial Sleeves

2”, 9.9 oz/sq yd, 50” Wide, 0.018” Thick

These Kevlar® sleeves are highly impact and abrasion resistant. They can be slid over a prepared mandrel or cylinder to create straight or tapered tubing. In addition, braided sleeves will completely conform to the shape of products with changing geometries like prosthetics and hockey sticks, improving overall performance, minimizing weight, and maximizing strength. The sleeves can be increased from their base diameter up to 30% and decreased up to 70%. This means that our 2” sleeve can be used in a single application ranging from 0.6” to 2.6” in diameter.

2” DIA

#2611-A 1 YD ROLL $27.45
#2611-B 3 YD ROLL $81.95
#2611-C 5 YD ROLL $163.95
#2611 10+ YARDS $14.25/YD

#2611 25+ YARDS $12.05/YD

Kevlar® Sample Pack

This convenient Sample Pack contains 4” x 6” swatches of all of our Kevlar®. It is ideal for determining which material you would like to try for your application. Plus, this Sample Pack includes a coupon for $25 off your next order of $100 or more when purchased within 60 days!

SAMPLE PACK
#4004-A $14.95
INDIVIDUAL SWATCHES $1.95 each

$25 OFF COUPON INCLUDED WITH PURCHASE

FIBREGLAST.COM 1.800.214.8568
2 oz Fiberglass Fabric

Style 1610
2 oz/sq yd, 38” Wide, 0.004” Thick, 32 X 38 Plain Weave

This fabric is easy to handle and provides an excellent finish. It is highly drapable and cures to a transparent, resin-rich, protective barrier. Use to minimize print-through or as a sandable surfacing veil.

36” WIDE
#241-F 1 YD PKG $9.95
#241-A 3 YD PKG $24.95
#241-B 5 YD PKG $34.95
#241: 10+ YARDS $6.65/YD
25+ YARDS $6.35/YD
50+ YARDS $6.05/YD
200+ YARDS $5.65/YD
500+ YARDS $5.35/YD

4 oz Fiberglass Fabric

Style 1522
4 oz/sq yd, 50” Wide, 0.006” Thick, 24 X 22 Plain Weave

This 4-ounce plain weave fabric is our most popular selection for use as a surfacing veil. This is commonly used to stop print through when backed by layers of heavier fabric in molded parts. Great for strip built canoes and final layering over mold-less designs.

50” WIDE
#262-F 1 YD PKG $12.95
#262-A 3 YD PKG $29.95
#262-B 5 YD PKG $39.95
#262: 10+ YARDS $7.75/YD
25+ YARDS $7.55/YD
50+ YARDS $7.35/YD
125+ YARDS $6.95/YD
500+ YARDS $6.65/YD

6 oz Fiberglass Fabric

Style 3733
6 oz/sq yd, 38” Wide, 0.007” Thick, 18 X 18 Plain Weave

The 6-ounce Plain Weave Fiberglass Fabric is popular for molded parts and repairs. For waterproofing applications, just two to three layers can be used.

36” WIDE
#259-F 1 YD PKG $9.95
#259-A 3 YD PKG $24.95
#259-B 5 YD PKG $34.95
#259: 10+ YARDS $5.95/YD
25+ YARDS $5.75/YD
50+ YARDS $5.55/YD
125+ YARDS $5.35/YD
500+ YARDS $5.15/YD

7.5 oz Fiberglass Fabric

Style 2532
7.5 oz/sq yd, 0.011” Thick, 16 X 14 Plain Weave

Commonly called “Boat Cloth”, this fabric is excellent for covering plywood, plug shapes, and moldless foam designs. One to two layers will waterproof and protect boat floors and roofs.

38” WIDE
#243-F 1 YD PKG $12.95
#243-A 3 YD PKG $34.95
#243-B 5 YD PKG $53.95
#243: 10+ YARDS $6.65/YD
25+ YARDS $6.35/YD
50+ YARDS $6.05/YD
200+ YARDS $5.65/YD
500+ YARDS $5.35/YD

10 oz Fiberglass Fabric

Style 7500
10 oz/sq yd, 0.014” Thick, 16 X 14 Plain Weave

Frequently used in mold building, sandwich core panels, and high strength lay-ups. 8 plies of 10oz fabric will produce a strong 1/8” thick laminate weighing 1lb per square foot. This Style 7500 fabric meets MIL-C-9084C, XII-A.

38” WIDE
#245-A 1 YD PKG $15.35
#245-B 3 YD PKG $36.25
#245-C 5 YD PKG $49.45
#245: 10+ YARDS $8.15/YD
25+ YARDS $7.85/YD
50+ YARDS $7.55/YD
200+ YARDS $6.55/YD
500+ YARDS $6.25/YD

20 oz Fiberglass

Tooling Fabric

20 oz/sq yd, 38” Wide, 0.03” Thick, Mock Leno Weave

This fabric offers very high strength characteristics as well as rapid build-up. Apply to molds as a back-up shell once the finer surfacing layers are in place. It is typically placed at the heart of a mold to build bulk, strength, and dimensional stability.

50” WIDE
#254-A 1 YD PKG $28.15
#254-B 3 YD PKG $64.45
#254-C 5 YD PKG $98.65
#254: 10+ YARDS $18.95/YD
25+ YARDS $18.65/YD
50+ YARDS $18.35/YD
125+ YARDS $18.05/YD
500+ YARDS $17.75/YD

Ascento Russell - Orlando, FL
8.7 oz/sq yd, 0.0089" Thick, 8H Satin Weave
Frequently specified in aerospace applications, this fabric offers excellent strength, formability, and surfacing characteristics. This fabric's glass fibers are bundled and woven repeatedly to float over seven bundles, then under one. As a result, the fabric is flatter and more easily draped over the most complex shapes. Meets MIL-C-9084C.

8 oz/sq yd, 0.009" Wide, 0.012" Thick, 4H Satin Weave
This fabric is extremely tightly woven and is commonly used in aerospace and high quality fabrications due to its 4H Satin Weave pattern. The 4H Satin Weave, in particular, is very lightweight and tightly woven, with fiberglass bundles repeatedly woven to float over three bundles, then under one. Meets MIL-C-9084C.

8 oz/sq yd, 0.0089" Thick, 8H Modified Twill Weave
This high performance, loose weave, 2x2 twill weave fabric is both strong and formable. When cut off the roll on a 45° bias, it will drape over virtually any contour. It was developed for the light aircraft market, but it can be used anywhere high strength, fast wet-out, and drapability is desired. Like other woven fabrics, it delivers uniform strength in both horizontal and vertical directions, with warp and fill fibers at 0 and 90 degrees. Meets MIL-C-9084C.

9 oz/sq yd, 50" Wide, 0.009" Thick, 57 X 57 8H Satin Weave
This 9-ounce fabric selection is much like our #543 9-ounce E-Glass, except that it is woven from S2 fibers. As a result, this S2-Glass features extraordinary strength with a superior look and finish. Style 6781 is one of the most popular fabrics for modern aerospace applications.

Sample Pack
This convenient Sample Pack contains 4" x 6" swatches of all of our fiberglass fabrics. It is ideal for determining which material you would like to try for your application. Plus, this Sample Pack includes a coupon for $25 off your next order of $100 or more when purchased within 60 days!

Price:
- 4" x 6" Swatches: $19.95
- $1.95 each
- $25 OFF COUPON INCLUDED WITH PURCHASE

This 9-ounce fabric selection is much like our #543 9-ounce E-Glass, except that it is woven from S2 fibers. As a result, this S2-Glass features extraordinary strength with a superior look and finish. Style 6781 is one of the most popular fabrics for modern aerospace applications.
This convenient Sample Pack contains 4” x 6” swatches of all of our stitched fiberglass fabrics. It is ideal for determining which material you would like to try for your application. Plus, this Sample Pack includes a coupon for $25 off your next order of $100 or more when purchased within 60 days!

**Stitched Fiberglass Sample Pack**

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**FIRST QUALITY COMPOSITE MATERIALS GUARANTEED**

- **Saertex® 444 g/m² (12.05oz/yd²)** stitched biaxial (+/-45), 50” wide
  - Adds strength in two directions for finished composite parts.
  - Equal-sized bundles of fiberglass are stitched at +/- 45 degrees using high-strength polyester, with stabilization fibers throughout.
  - Fibers are not crimped and fabric lays smooth, promoting maximum strength properties.

- **Saertex® 830 g/m² (24.5oz/yd²)** stitched biaxial (+/-45), 50” wide
  - Adds strength in two directions for finished composite parts.
  - Equal-sized bundles of fiberglass are stitched at +/- 45 degrees using high-strength polyester, with stabilization fibers throughout.
  - Fibers are not crimped and fabric lays smooth, promoting maximum strength properties.

- **Saertex® 955 g/m² (28oz/yd²)** stitched unidirectional, 50” wide
  - Adds strength in one direction for finished composite parts.
  - Reinforced polyester threads are used to stitch large bundles of fiberglass at zero degrees, and small bundles at 90 degrees.
  - Fibers are not crimped and fabric lays smooth, promoting maximum strength properties.

- **Saertex® 989 g/m² (29oz/yd²)** stitched biaxial (+/-45), 50” wide
  - Adds strength in two directions for finished composite parts.
  - Equal-sized bundles of fiberglass are stitched at +/- 45 degrees using high-strength polyester, with stabilization fibers throughout.
  - Fibers are not crimped and fabric lays smooth, promoting maximum strength properties.

- **Saertex® 1200 g/m² (36oz/yd²)** stitched triaxial, 50” wide
  - Designed to add high strength in all directions for finished composite parts.
  - High-strength polyester is used to stitch bundles of fiberglass at +/- 45 degrees, with larger bundles at zero degrees.
  - Fibers are not crimped and fabric lays smooth, promoting maximum strength properties.

Saertex® Fabrics are commonly used in the wind energy industry because their non-crimped fibers deliver superior strength while still being lightweight.

**Sample Pack #4007-A**

- Includes a coupon for $25 off your next order of $100 or more when purchased within 60 days!

**Sample Pack Pricing**

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**Sample Pack Content**

- 4” x 6” swatches of stitched fiberglass fabrics
- Coupon for $25 off your next order of $100 or more
### Fiberglass / Fabrics

#### 1.5oz Chopped Strand Mat
1.5 oz/sq yd, 0.045” Thick
Mat can be used along or in conjunction with fiberglass fabrics or woven roving in larger fabrications. Mat is commonly used in build-up such as plywood decking and between layers of fabric when molding. Our mats meet MIL-M-43248C, Type 1, Class 2, Grade A. Chopped strand mat contains a binder which prevents proper bonding with epoxy resins. Use our polyester or vinyl ester resins with this material.

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#### 1.5oz Continuous Strand Mat
1.5 oz/sq yd, 0.06” Thick
Continuous strand mats are frequently used when rapid build-up and high conformability is required. When used for vacuum infusion, continuous strands will facilitate resin flow without the slowing effect frequently caused by chopped strand binders. Continuous strand mats, like chopped strand mats, cannot be used with epoxy resins. Our polyester and vinyl ester resins are recommended for this material.

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<td>5 YD ROLL</td>
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#### 18oz Woven Roving
18 oz/sq yd, 0.03” Thick, Basket Weave
Woven Roving is used in laminating large fiberglass parts such as boats and tanks where an inexpensive, high impact, high strength reinforcement is required. Woven roving should be used with mat whenever bonding to plywood or making repairs.

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<td>25+</td>
<td>$49.95</td>
</tr>
<tr>
<td>38”</td>
<td>#223-B</td>
<td>5 YD ROLL</td>
<td>50+</td>
<td>$59.95</td>
</tr>
</tbody>
</table>

#### Continuous Strand Veil Surfacing Mat
38” Wide, 0.01” Thick
This surfacing mat is a thin ply of continuous strand fibers that are randomly looped throughout the roll of material. It is commonly used as a surface coat to minimize print-through, and permits surface sanding of finished parts. It’s also used with sandwich core, being placed directly over core materials to optimize bond-line thickness. Additionally, it keeps excess resin from draining into honeycomb cells.

<table>
<thead>
<tr>
<th>Width</th>
<th>#</th>
<th>Yd PKG</th>
<th>Roll Yards</th>
<th>Price/Yd</th>
</tr>
</thead>
<tbody>
<tr>
<td>38”</td>
<td>#260-F</td>
<td>1 YD ROLL</td>
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<td>#260-G</td>
<td>3 YD ROLL</td>
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<tr>
<td>38”</td>
<td>#260-H</td>
<td>5 YD ROLL</td>
<td>50+</td>
<td>$21.95</td>
</tr>
</tbody>
</table>

#### Synthetic Surfacing Veil
1.2 oz/sq yd, 47” Wide, 0.01” Thick
Our #1581 Synthetic Surfacing Veil offers great protection for your laminate against corrosion, abrasion, and weathering. This white, formable, polyester veil offers fast wet-out, excellent appearance, and surface smoothness. Adding a polyester surface veil ensures superior impact strength while acting as an exceptional cosmetic print blocker.

<table>
<thead>
<tr>
<th>Width</th>
<th>#</th>
<th>Yd PKG</th>
<th>Roll Yards</th>
<th>Price/Yd</th>
</tr>
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<td>1 YD</td>
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<tr>
<td>47”</td>
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<tr>
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<tr>
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<tr>
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<td>#1581-E</td>
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<td>100+</td>
<td>$3.55/YD</td>
</tr>
<tr>
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<td>#1581-F</td>
<td>50+</td>
<td>500+</td>
<td>$3.25/YD</td>
</tr>
<tr>
<td>47”</td>
<td>#1581-G</td>
<td>100+</td>
<td>1000+</td>
<td>$2.95/YD</td>
</tr>
</tbody>
</table>

#### Scrim Fabric White
1.6 oz/sq yd, 50” Wide, 0.005” Thick, 10 X 20 Leno Weave
Scrim cloth can be used in repair applications or for reinforcement of other types of materials including fiberglass, concrete, and some plastics. When fully cured, the scrim cloth will add reinforcement and mimic the expansion and contraction of the surrounding substrate.

<table>
<thead>
<tr>
<th>Width</th>
<th>#</th>
<th>Yd PKG</th>
<th>Roll Yards</th>
<th>Price/Yd</th>
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</thead>
<tbody>
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<td>#246-B</td>
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<td>250+</td>
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<td>#246-F</td>
<td>50+</td>
<td>500+</td>
<td>$3.25/YD</td>
</tr>
</tbody>
</table>

**FIRST QUALITY COMPOSITE MATERIALS GUARANTEED**
2" Braided Fiberglass Biaxial Sleeve

10.4 oz/sq yd, 2" Wide, 0.011" Thick, Biaxial

This E-Glass sleeve will conform to shapes with changing geometries. Great for use in prosthetics, hockey sticks, and much more. It can be slid over a prepared mandrel or tube to create straight or tapered tubing. Biaxial sleeves can be increased from their base diameter by 30% and decreased up to 70%. This means that a 2" diameter can be used in a single application ranging from 2.6" diameter down to 0.6". Laying up sleeves is predictable, repeatable, and suitable for precise manufacturing of composite parts.

1.5 oz/sq ft, 4" Wide, 0.45" Thick

Chopped Strand Mat Tape is ideally suited to reinforce the seams, corners, or edges of larger parts made from chopped strand mat or other fiberglass fabrics. Fabricators generally tear apart this tape, rather than cut it. This maintains the length of fibers along the torn edge, which create stronger bonds with subsequent layers.

Gun Roving

Available in 50-Pound Rolls

This versatile roving chops cleanly and wets rapidly and uniformly. It demonstrates good laminate properties and wet strength retention. It is an excellent choice for mold and radii conformance, rolls out easily, and can be used in many different chopper guns and transfer systems. Gun roving is designed for use with resins systems to create high-strength, low-weight composites. Yields 205 yards per pound.

Chopper Gun

Chops Clean for Quick Fiber Build-Up

Our #1171-A is a hand held, variable speed air powered chopper gun that is primarily used for coating molds or parts with fiberglass or carbon fiber. Continuous glass roving is fed into the rear of the gun and is then chopped into short pieces and deposited onto the mold. By altering the number and location of chopper blades, the length of the fibers can be varied from 4" down to 5/16". Replacement parts sold separately.

#2610-C #2610-B #2610-A
2" DIA 10 YARDS $6.85/YD 25+ YARDS $3.45/YD

Woven Fiberglass Tapes

7.8-9.6 oz/sq yd, Plain Weave

Woven Fiberglass Tape is ideal for reinforcement of laminate edges, seams of molding, and pipe winding applications. The fully Seamed edges avoid the problems caused by cutting narrow strips from full width fabrics. These tapes saturate easily and in most respects are similar to a 10oz fabric. Their finished edges offer easier handling, a clean, finished appearance, and keep the tape from unraveling. Their plain weave construction builds in uniform strength in both horizontal and vertical directions.

4" Fiberglass Mat Tape

1.8 oz/sq ft, 4" Wide, 0.90" Thick

Patterned fiberglass mat tape from unraveling. Their plain weave construction builds in conformance, rolls out easily, and can be used in many different chopper guns and transfer systems. Gun roving is designed for use with resins systems to create high-strength, low-weight composites. Yields 205 yards per pound.

#201-A #221-B #221-A
2" Wide
3" Wide
6" Wide
12" Wide

#217-A #217-B
10 YD ROLL $8.95 50 YD ROLL $24.95
4- ROLLS $21.95/RL 10- ROLLS $26.50/RL
25- ROLLS $27.25/RL 50- ROLLS $25.95/RL
100- ROLLS $25.25/RL

#224-A
12" Wide
10 YD ROLL $9.95 50 YD ROLL $26.95
4- ROLLS $14.95/RL 10- ROLLS $13.95/RL
25- ROLLS $13.95/RL 50- ROLLS $13.95/RL
100- ROLLS $12.95/RL
**Marine Epoxy Fairing Compound**

Repair and Smooth Nearly Any Surface

#4118 Epoxy Fairing Compound is a smooth, creamy paste system for fairing surface imperfections on composites, wood, and primed metal parts, boasting excellent bonding during cure. This tough Epoxy Fairing Compound can be used to fill voids and provides a smooth transition in offset or stepped areas. It is also specially formulated for easy sanding and is moisture resistant, so the cured surface is blush-free and won’t gum sandpaper during finishing. #4118 Epoxy Compound cures to be slightly flexible, which helps to resist cracking under stress or vibration for thin layers. However, if necessary, it can be applied up to 1-1/2 inches thick—special “wet” spreadable viscosity prevents nearly any sagging, even at elevated temperatures.

Due to market volatility in epoxies, pricing is available on our website.

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**Lightweight Epoxy Filler**

No Shrink, No Sags, Easy to Sand

This extremely Lightweight Epoxy Filler can be used to smooth the surface of repaired parts, fill the weave in moldless or male-molded parts, and shape fillets in corners and joints. It provides superior adhesion to most surfaces including SMC, foam, wood, fiberglass, many metals, and even common construction materials. #1100 Lightweight Epoxy Filler exhibits no shrinkage, so there’s no need to continually re-apply. It spreads smoothly with few sags, even upside down! Final contours are easily sanded with standard shop tools.

Due to market volatility in epoxies, pricing is available on our website.

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**Epoxy Surface Coat**

Easy-to-Use Durable Surface Coat

Our #1098 Epoxy Surface Coat is an off-white, paste designed to form a tough, durable surface on patterns, fixtures, and epoxy molds. It can be brushed or spread onto detailed surfaces without trapping air bubbles. It provides excellent surface gloss, resists chipping, and cracking. At room temperature, #1098 Epoxy Surface Coat will completely cure with no heat added. When applied in a thin film it will cure tack free (16 to 18 hours at 77°F). **WARNING:** This product can expose you to chemicals including Bisphenol A (BPA), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Due to market volatility in epoxies, pricing is available on our website.

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**Epoxy Paste Bonding Adhesive**

Get Impressive Strength in a Quick-Cure Turnaround

Our #1101 Epoxy Paste Bonding Adhesive is a high strength structural adhesive used to bond and assemble sub-components to form rigid final structures. The high viscosity provides excellent gap filling characteristics that strengthen loose fitting joints and panels. It forms tough durable bonds to composites, SMC, foam, wood, fiberglass, many metals, and even common construction materials. Parts A and B are mixed in a 1:1 ratio. Cure time is relatively quick, 6-8 hours at 77°F; allowing for sufficient “green strength.” **WARNING:** This product can expose you to chemicals including Bisphenol A (BPA), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Due to market volatility in epoxies, pricing is available on our website.

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**High Viscosity Epoxy Surface Coat**

Formulated for Strong Interlaminar Bonds

Our #1099 High Viscosity Epoxy Surface Coat is a white, thickened epoxy material used to create the durable surface coat on room temperature epoxy molds. This surface coat can be brushed on thick without developing runs or sags. It is specially formulated to provide strong interlaminar bonds with the reinforcing materials, even if it is left unsupported overnight. #1099 resists chipping and cracking, and retains its high gloss. **WARNING:** This product can expose you to chemicals including Bisphenol A (BPA), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Due to market volatility in epoxies, pricing is available on our website.

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**High Temperature Epoxy Surface Coat**

Dissipate Heat and Extend the Life of your Mold

Our #1096 High Temp Epoxy Surface Coat is a two-part, low viscosity thixotropic system. This aluminum filled epoxy surface coat system is designed for demanding tooling applications with frequent intermediate/high temperature exposure. It is well suited to resist cracking and crazing during these temperature fluctuations. High Temp Epoxy Surface Coat will gel hard at room temp. Before initiating an even post-cure, allow this surface coat to gel at room temperature. **WARNING:** This product can expose you to chemicals including Bisphenol A (BPA), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Due to market volatility in epoxies, pricing is available on our website.
Due to market volatility in epoxies, pricing is available on our website.

Tough Epoxy for Quick Repairs and Fabrication

System 1000 Epoxy resin is an easy to use epoxy system with two hardeners providing different working times and a variety of uses. This system has a very low mixed viscosity, so it will quickly wet out fiberglass, carbon, and aramid fibers when laminating, allowing for a more rapid fabrication. System 1000 outperforms other general purpose and quick-turnaround epoxies. Cured parts yield a very high heat resistance, so they are more stable for long-term use, even for problem-prone applications. Two high performance hardener systems are available for the System 1000 resin, 10 minute and 25 minute pot life versions. Simple parts or quick repairs should use the 10 minute hardener. Larger and more complex parts can use the 25 minute pot life hardener. This resin is also specially formulated for excellent moisture resistance for parts, making it ideal for the construction or repair of boat hulls or other marine applications.

Due to market volatility in epoxies, pricing is available on our website.

Get Impressive Strength in a Quick-Cure Turnaround

System 2000 Epoxy Resin is a medium viscosity, light amber laminating resin that is designed to offer high strength for a room temperature epoxy. Test results have proven superiority over other room temperature epoxies. This epoxy system does not contain methyleneedianiline (MDA), or any other potentially harmful aniline derivatives. Three hardener systems are available: 20 minute, 60 minute and 120 minute pot life. WARNING: This product can expose you to chemicals including Bisphenol A (BPA), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Due to market volatility in epoxies, pricing is available on our website.

Low Viscosity Infusion Epoxy

Our System 4500 is a low viscosity epoxy system designed for the fabrication of parts and structures by the resin infusion method. This system flows extremely well, and produces dense, void-free laminates. The superior cured properties of this system produce items with good strength and toughness with excellent long-term stability. Combine this resin system with any of our Carbon Fiber, Kevlar or most fiberglass fabrics for lightweight, superior-strength composite parts. This Infusion Epoxy System is available with two hardener options, a 40 minute pot life and a 70 minute pot life. The two hardener options are identical except for reaction time, so no matter which hardener is chosen, you can expect the same high performance properties. WARNING: This product can expose you to chemicals including Bisphenol A (BPA), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Due to market volatility in epoxies, pricing is available on our website.
Polyester Fairing Compound

- **Durable and Highly Adhesive with Low Shrinkage**

Polyester Fairing Compound is a fibrous filler for structural repairs, bonding, and part fabrication. This structural putty is great for rebuilding broken or damaged areas in composites. Polyester Fairing Compound exhibits low shrinkage, high impact strength, excellent temperature and chemical resistance. It is easy to mix, has excellent adhesive qualities, low moisture absorption, and can be applied in varying degrees of thickness.

**WARNING:** This product can expose you to chemicals including Styrene, Talc containing asbestiform fibers, and Titanium Dioxide (airborne, unbound particles of respirable size), which are known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

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**Polyester Resin**

- **Isophthalic Polyester**

#90 Isophthalic Polyester is perfect for making dimensionally stable polyester molds, fabrication of corrosive service parts, and as a durable repair material for tank linings. This Iso polyester resin offers fast wet-out in spray or hand laminates. The 225°F service temperature resists exotherm and post cure problems. #90 has better strength properties than a general purpose polyester resin, which allow it to be used in more demanding applications. Formulated for 1.25% MEKP. **WARNING:** This product can expose you to chemicals including Styrene which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

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**Vinyl Ester Resin**

- **Corrosion Resistant and Blended for Toughness**

Our #1110 Vinyl Ester resin is formulated for corrosion resistance to most fuels, vapors, and both acidic and basic chemicals. It is also heat resistant and blended for toughness. This makes it perfect for repairing tank linings, blistering boat hulls, as well as fabricating tough all-around parts. The properties of this resin allow it to withstand impacts and repeated flexing without developing cracks. Formulated for 1.25% MEKP. **WARNING:** This product can expose you to chemicals including Styrene which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.
### Styrene Wax

Get a Complete Cure for Polyester Resins

#71 Styrene Wax is a 5% paraffin dissolved in styrene. When paraffin is added to resin, the wax will rise to the surface and protect the curing resin from the inhibiting action of the air. Mix #71 at 5% for thin coatings—approximately one to two tablespoons for every pint of resin. ▶️ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov

- #71-A QUART (2 LBS) $44.95
- #71-B QUART (2 LBS) $49.95
- #71-C GALLON (7 LBS) $109.95

### MEKP Hardener

Industry Standard Catalyst

#69 Methyl Ethyl Ketone Peroxide, or MEKP, is required with all polyester resins, gel coats, and vinyl ester resins. It is required in different concentrations as defined for each resin product. Each resin product is available as a kit with the correct amount of hardener. However hardener may be purchased individually.

- #69-A 1 OZ $2.95
- #69-B GALLON (1 GBS) $57.95
- #69-E CASE (4 GAL) $179.95

### White Gel Coat

Durable, Lasting Protection for Boats and Molds

#682 White Gel Coat is a highly durable ISO gel coat and is the industry production standard for molding applications. Our gel coats provide superior performance in critical use environments with outstanding cosmetics and exceptional in-process application properties. One gallon of gel coat will cover approximately 40-80 sq ft. Formulated for 1.5% MEKP. ▶️ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov

- #682-A QUART (2 LBS) $49.95
- #682-B GALLON (8 LBS) $109.95
- #682-C 5 GALLON (45 LBS) $389.95
- #682-D 10 GALLON (90 LBS) $3,499.95

### Neutral Gel Coat

Designed to Deliver Superior Color Qualities

#684 Neutral Gel Coat is a premium quality ISO gel coat formulated specifically for use with pigment to obtain superior color consistency and opacity. #684 cures to a brilliant gloss and is ideal for applications needing an opaque, lustrous, and colorful surface. #684 is compatible with underwater and marine applications. One gallon of gel coat will cover approximately 40-80 sq ft. Formulated for 1.5% MEKP. ▶️ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov

- #684-A QUART (2 LBS) $49.95
- #684-B GALLON (8 LBS) $109.95
- #684-C 5 GALLON (45 LBS) $389.95
- #684-D 10 GALLON (90 LBS) $3,499.95

### Clear Gel Coat

Get a Crystal-Clear, High-Gloss, Protective Finish

#180 Clear Gel Coat is a high performance, premium quality gel coat for both airless and air atomized spray applications. #180 offers UV light stability, excellent clarity, crack and chemical resistance. This non-yellowing gel coat is compatible with underwater and water contact marine applications as well as sanitary ware such as showers and tubs. One gallon of gel coat will cover approximately 40-80 sq ft. Formulated for 1.5% - 2.5% MEKP. ▶️ **WARNING:** This product can expose you to chemicals including Styrene, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

- #180-A QUART (2 LBS) $49.95
- #180-B GALLON (8 LBS) $119.95
- #180-C 5 GALLON (40 LBS) $389.95
- #180-D 10 GALLON (90 LBS) $3,499.95

### Tooling Gel Coat

Tooling Gel Coat is an abrasion resistant gel coat for making molds where gloss retention, superior hardness, graze resistance, and minimum distortion are needed. Build thickness to 20-25 mils. Formulated for 1.5% - 2.5% MEKP. ▶️ **WARNING:** This product can expose you to chemicals including Styrene, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

**Orange**

- #188/69-A QUART W/ HARDENER $61.95
- #188/69-B GALLON W/ HARDENER $189.95
- #188/69-C 4 GAL W/ HARDENER $749.95

**Black**

- #186/69-A QUART W/ HARDENER $61.95
- #186/69-B GALLON W/ HARDENER $189.95
- #186/69-C 4 GAL W/ HARDENER $749.95
1/4" Chopped Graphite Fibers

Localize Strength for High-Performance Parts

Chopped carbon fiber is commonly compounded with resins to create an easily molded composite that is great for filling cavities or reinforcing parts requiring optimized electrical conductivity, high strength, and modulus. These precision-chopped graphite fibers are chopped from a 24K tow.

- #571-A 1/2 GALLON (1 LB) $59.95
- #571-B CARTON (6 LBS) $364.95
- #571-C CARTON (30 LBS) $1,099.95

Kevlar® Pulp

Reinforce High-Impact Areas

Kevlar® Pulp is the lightest of the fillers and highly abrasion resistant. Areas of high impact can be reinforced easily with this strong and durable material. It can also be used to make beveled fillets along edges of honeycomb cores to smooth the transition of fabric skins.

- #544-A 1/2 GALLON (2 QZ) $11.95
- #544-B CARTON (1 LBS) $139.95
- #544-C CARTON (10 LBS) $474.95

Thixotropic Silica

Prevent Sags on Vertical Surfaces

Thixotropic Silica is a fine grade fumed silica thickening agent similar to Cab-O-Sil and is added to resin systems to prevent run-off and sags on vertical surfaces. Mix the ratio of 1 part by volume #23 to 2 parts resin for general use. Cab-O-Sil is a registered trademark of Cabot Corporation.

- #23-A 1/2 GALLON (6 QZ) $14.95
- #23-C CARTON (7 LBS) $169.95
- #23-E CARTON (16 LBS) $319.95
- #23-D BAG (30 LBS) $649.95

1/4" Chopped Glass Fibers

Build Strength for Resin Systems

These longer glass fibers are used to increase tensile and compressive properties of any resin, and even other traditional building materials including concrete. Fibers will strengthen castings and reinforce fillets in difficult-to-laminate areas of parts like edges and corners.

- #30-A 1/2 GALLON (1.5 LBS) $16.95
- #30-B CARTON (8 LBS) $39.95
- #30-C BOX (50 LBS) $169.95

1/16” Chopped Glass Fibers

Short Fibers with High-Strength Results

These short fibers offer high strength results! Mix with any body filler or casting material to increase strength and reduce shrinkage. Blend with vinyl ester resin to create a strong and corrosion resistant blister repair putty for deeper hull damage. Or blend with any of our resins for high strength repair.

- #329-A 1/2 GALLON (2 LBS) $21.95
- #329-B CARTON (8 LBS) $54.95
- #329-C BOX (25 LBS) $119.95
- #329-D BOX (50 LBS) $224.95

1/32” Chopped Glass Fibers

Small Fibers for High-Strength Parts

These small fibers improve finishing characteristics for surface applications. Great for reinforcing detailed castings, or blend with epoxy to make a tough outer surfacing coat. This filler is compatible with epoxy, polyester, and vinyl ester resin systems. Add filler after adding catalyst to resin.

- #30-A 1/2 GALLON (1.5 LBS) $19.95
- #30-B CARTON (8 LBS) $49.95
- #30-C BOX (25 LBS) $89.95
- #30-D BOX (50 LBS) $195.95

Glass Microspheres

Lightweight, Sandable Filler for Surface Layers

These hollow glass spheres make a lightweight sandable filler when blended with resin. Use to fill fabric weaves, shallow blisters, and surfaces of core materials. The average bubble is less than 70 microns, about a quarter of a grain of salt. It is this small particle size which makes the paste easy to spread evenly.

- #22-A 1/2 GALLON (4 QZ) $12.95
- #22-B CARTON (13 LBS) $74.95
- #22-C CARTON (50 LBS) $229.95

Talc

Cost-Effective Filler for Sanding

Talc is often added to smooth the finish of fiberglass laminations. It provides a balance of film reinforcement, and anti-cracking properties as part of a surface layer. This filler is compatible with epoxy, polyester, and vinyl ester resin systems. WARNING: This product can expose you to chemicals including Talc containing asbestiform fibers, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

- #1131-A 1/2 GALLON (3 LBS) $11.95
- #1131-B CARTON (16 LBS) $24.95
- #1131-C BOX (50 LBS) $64.95

#15

FIBREGLAST.COM          1.800.214.8568
Our color pigments are pastes for tinting polyester, vinyl ester, epoxy resins, and polyurethane foams. Pigments are added to the resin prior to the addition of catalyst. Our primary colors may be mixed to provide nearly any shade or hue. Keep an assortment of pigments on hand for color matching repairs or blending your own custom colors. When used to pigment our gel coats and resins, they are normally added at 6-8% by weight or 1/2 pint of pigment per gallon or resin. We have made every effort and resins, they are normally added at 6-8% by weight or 1/2 pint of pigment per gallon or resin. We have made every effort to accurately represent the cured color of our resins with these pigments. WARNING: This product can expose you to chemicals including Titanium oxide, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov

**Opaque Pigments for Parts or Repairs**

Get best results with Glitterflake by using it as one of three layers of reinforcement below.

- A layer of pigmented gel coat at its base, used to conceal layers of reinforcement below.
- The layer of Glitterflake blended with clear gel coat.
- Ultimately, a protective layer of clear gel coat at the part's surface to optimize the metallic appearance of the flakes.

**GLITTERFLAKE APPLICATION GUIDE**

**Coverage**

- 20 sq/ft: 1 Quart (2 lbs)
- 80 sq/ft: 1 Gallon (8 lbs)
- 400 sq/ft: 5 Gallons (40 lbs)

**Color Gel Coat**

- 1 Quart (2 lbs)
- 1 Gallon (8 lbs)
- 5 Gallons (40 lbs)

**Clear Gel Coat**

- 1 Pint (1 lb)
- 2 Quarts (4 lbs)
- 2 Gallons (16 lbs)

**Glitterflake**

- 1.6 ounces
- 6.4 ounces
- 25.6 ounces

**Clear Gel Coat**

- 1/2 Pint (0.5 lbs)
- 1 Quart (2 lbs)
- 1.5 Gallons (12 lbs)

**Base Color Layer**

- 15-20 Mils

**Glitterflake Layer**

- 10 Mils

**Clear Surface Layer**

- 5+ Mils

Based upon standard 10% Glitterflake/Gel Coat mixture. Mixture can be increased to as much as 20%. More than 20% Glitterflake by weight is not recommended.

**Want To Learn More? Read Our Gel Coat Application Guide In The Learning Center On Our Website!**

Gel coat is the most common surface coating used in the fabrication and repair of fiberglass reinforced products. Gel Coat is a specially formulated two-part polyester resin that is designed to be the first layer of resin applied in a mold when making a polyester or vinyl ester composite part. It is intended to create an opaque surface which will completely block glass pattern show-through. Polyester resins in general, and specifically gel coats, are naturally UV resistant and properly cured parts can be submerged in water. Most boats are made using gel coat with polyester resin and fiberglass...
Efficient & Affordable: Unique Gel Coat Spray Gun
An inexpensive gel coat gun for spraying small to medium size molds. Avoids the high cost of catalyst injector systems and at the same time avoids the pitfalls of a regular spray gun. The resin and catalyst are mixed in disposable paper cups, the lid and nozzle assembly are pressed on, and the cup is placed on the gun. With the paper cup in a level position, depress the trigger and the air stream picks up the gel coat and provides a uniform, high velocity spray pattern. For clean up, merely remove the cup from the gun, and just clean the lid and nozzle. Cup capacity is one quart. Ships complete with a 3/16" ID nozzle, others sold separately.
- Pressure Required: 60-100 psi
- Compressor required: 5 HP
- Air Consumption: 5.8 CFM at 80 psi
- Air Connection: 1/4" TPR
- Dry Weight: 2.0 lbs

 Customize your Spray Pattern for Heavy-Duty Jobs
This is a heavy duty gun offering a range of adjustments that will allow the spray pattern to be customized to the specific project. This gun is ideal for larger repairs and small to medium projects, with a wide variety of patterns and pressure adjustments to suit the needs of your project. This gun comes fitted with a 2.5mm nozzle, which is ideal for any of our gel coats. Ships complete with a one pint cup, cleaning brush, and 1 mini filter. Replacement Parts Available.
- Pressure Required: 40-80 psi
- Compressor required: 1.5 HP
- Air Consumption: 4.7-7.1 CFM
- Air Connection: 1/4" NPT
- Fill Capacity: 33 ounces

The Capacity and Customization Needed For Any Project
The #134 1 Liter High Pressure Gel Coat Spray Gun excels at large surface spraying, such as new mold construction, composite refinishing, and large boat repair.
- Pressure Required: 44-58 psi
- Compressor required: 1.5 HP
- Air Consumption: 4.7-7.2 CFM
- Air Connection: 1/4" NPT
- Fill Capacity: 33 ounces

1L HIGH PRESSURE SPRAY GUN
$169.95

1L PRESSURE-FED HVLP SPRAY GUN
1.4mm NOZZLE TIP
$219.95

PREVAIL SPRAYER V-GRIP KIT
$39.95

PREVAIL SPRAYER VALUE PACK
10+ Value Packs $37.95/EA
50+ Value Packs $33.95/EA

This portable sprayer is perfect for misting coats of PVA Release Film over waxed mold surfaces. Use this versatile applicator for all kinds of liquids. Great economical alternative to other air-powered spray guns. Ready to spray in seconds with no batteries or hoses. Simple for small projects and touch-ups. Comparable performance to other professional airless sprayers. Consistent spray flow for single pass coverage. Professional Finish - Quality Results. *Power Unit, Glass Reservoir and Caps SOLID SEPARATELY.

#2320-A PREVAIL POWER UNIT $6.95
#2323-A PREVAIL SPRAYER KIT $14.95
#2324-A PREVAIL SPRAYER V-GRIP KIT $19.95
#2327-A PREVAIL SPRAYER VALUE PACK $39.95
10+ Value Packs $37.95/EA
50+ Value Packs $33.95/EA

1L gravity-Fed HVLP Spray Gun
- Tip Size: 1.4mm
- CFM: 8 (min); 12.4 (Max)
- PSI: 15 (min); 28 (Max)
- Capacity: 1 Quart

#238-A 1L gravity-Fed HVLP Spray Gun
#239-A Rebuild Kit
$219.95
$34.95

1L High Pressure Gel Coat Spray Gun
- Pressure Required: 44-58 psi
- Compressor required: 1.5 HP
- Air Consumption: 4.7-7.2 CFM
- Air Connection: 1/4" NPT
- Fill Capacity: 33 ounces

#134-A 1L HIGH PRESSURE SPRAY GUN
$169.95
#136-B LINERS FOR SPRAY GUN PACK OF 1000
$24.95

Preval Sprayer

Pressure-Fed HVLP Spray Gun
For ChromaGlast™ Paints and Primers
This ergonomically designed paint gun is just what you need to add a clean, protective finish to your composite part. This HVLP (High Volume, Low Pressure) paint gun controls the air pressure to ensure a greater paint transfer efficiency, resulting in less overspray and less paint wastage. You’ll end up with a smooth, beautiful paint finish. Rebuild Kit and 1.4mm Nozzle Tip are also available.
- 1/4" NPS air inlet
- 1.6mm spray tip
- 1 Quart Capacity

#235-A 1L Pressure-Fed HVLP Spray Gun
#236-A 1.4mm Nozzle Tip
#237-A Rebuild Kit
$269.95
$139.95
$39.95

0.6 Liter Gel Coat Touch-Up Spray Gun
Customize your Spray Pattern for Heavy-Duty Jobs
This is a heavy duty gun offering a range of adjustments that will allow the spray pattern to be customized to the specific project. This gun is ideal for larger repairs and small to medium projects, with a wide variety of patterns and pressure adjustments to suit the needs of your project. This gun comes fitted with a 2.5mm nozzle, which is ideal for any of our gel coats. Ships complete with a one pint cup, cleaning brush, and 1 mini filter. Replacement Parts Available.
- Pressure Required: 40-80 psi
- Compressor required: 1.5 HP
- Air Consumption: 4.7-7.1 CFM
- Air Connection: 1/4" NPT
- Dry Weight: 1.55 lbs

#126-A $139.95

Gravity-Fed HVLP Spray Gun
Great for ChromaGlast™ Paints
This ergonomically designed paint gun is just what you need to add a clean, protective finish to your composite part. This HVLP (High Volume, Low Pressure) paint gun controls the air pressure to ensure a greater paint transfer efficiency, resulting in less overspray and less paint wastage. You’ll end up with a smooth, beautiful paint finish. Rebuild Kit is also available.
- Tip Size: 1.4mm
- CFM: 8 (min); 12.4 (Max)
- PSI: 15 (min); 28 (Max)
- Capacity: 1 Quart

#238-A 1L gravity-Fed HVLP Spray Gun
#239-A Rebuild Kit
$219.95
$34.95

Gel Coat Cup Gun
Efficient & Affordable: Unique Gel Coat Spray Gun
An inexpensive gel coat gun for spraying small to medium size molds. Avoids the high cost of catalyst injector systems and at the same time avoids the pitfalls of a regular spray gun. The resin and catalyst are mixed in disposable paper cups, the lid and nozzle assembly are pressed on, and the cup is placed on the gun. With the paper cup in a level position, depress the trigger and the air stream picks up the gel coat and provides a uniform, high velocity spray pattern. For clean up, merely remove the cup from the gun, and just clean the lid and nozzle. Cup capacity is one quart. Ships with a 3/16" ID nozzle, others sold separately. Replacement Parts Available.
- Pressure Required: 60-100 psi
- Compressor required: 5 HP
- Air Consumption: 5.8 CFM at 80 psi
- Air Connection: 1/4" TPR
- Dry Weight: 2.0 lbs

#120-A $199.95

#126-A $139.95

#134-A 1L HIGH PRESSURE SPRAY GUN
$169.95
#136-B LINERS FOR SPRAY GUN PACK OF 1000
$24.95

#120-A

#126-A

#134-A

#136-B
**Duratec® Styroshield Primer**
Spray on Styrofoam™ to Create a Plug
Duratec® StyroShield Primer is a polyester primer that is meant to be applied directly to polyurethane foam (also known as Styrofoam™). StyroShield contains microspheres that, when cured, insulate and protect polyurethane foam from the chemicals in polyester-based laminating resins, gel coat, and other Duratec products. With StyroShield, low-cost polyurethane can be substituted for urethane foam in plug, mold, and pattern-building applications. **WARNING:** This product can expose you to chemicals including Styrene & Talc containing asbestos fibers, which are known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

*Duratec® Gray Surfacing Primer*
Easy Sand, Best Choice Primer for Plugs and Molds
Duratec® Gray Surfacing Primer is the best choice for coating your plug or reconditioning your mold. It is suitable for use with wood, MDF, tooling board, composite plugs, patterns, and epoxy laminates. Air-cure technology allows fast cure even with thin coats. However, it can be applied as heavily as 45 mils to fill fabric pores on plugs or over repairs. Duratec® Surfacing Primer offers a high heat distortion temperature and minimal shrinkage. It sands easily and can be polished to a Class ‘A’ mirror finish. **WARNING:** This product can expose you to chemicals including Styrene, which is known to the State of California to cause cancer and Methanol, which is known to the State of California to cause developmental harm. For more information go to www.P65Warnings.ca.gov.

*Duratec® Gray Vinyl Ester Primer*
Ultimate Barrier Coat For Corrosion And Marine Applications
Duratec® Gray Vinyl Ester Primer brings unmatched strength and performance in a highly functional resin system. It was originally designed as the premier barrier coat for boat hulls and repairs, but has been found to be useful in many composite applications including resurfacing molds, marine construction and repair, and corrosion protection for tank lining and piping.

Duratec® Gray Vinyl Ester Primer is water and chemical resistant and will cure in open-air, requiring no wax or air inhibitor. It offers great temperature stability with a Heat Deflection Temperature (HDT) of 285° F. **WARNING:** This product can expose you to chemicals including Styrene, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

*Duratec® Clear Hi-Gloss Gel Coat Additive*
Improve Gloss and Get an Open-Air Cure
Duratec® Clear High Gloss Additive can be mixed in a 1:1 ratio with regular gel coat to reduce viscosity and porosity, improve gloss level, and permit a complete open-air cure. It can also be blended with a 15% ratio to tooling gel coats to upgrade mold surfaces, improve gloss retention, increase impact resistance, and reduce heat distortion. The reduction in viscosity allows gel coats to be sprayed controllably through siphon and HVLP equipment, reducing sanding and polishing time. When used for repairs, this product will result in a low porosity surface. **WARNING:** This product can expose you to chemicals including Styrene, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

*Duratec® Reducer*
Easy Sand, Best Choice Primer for Plugs and Molds
#2306 Duratec® Reducer can be added to any Duratec® product to enhance the flow and leveling properties. This thinner also reduces orange peel and porosity while allowing for a smoother spray flow. **WARNING:** This product can expose you to chemicals including Styrene, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

**Same Day Shipping**
For orders placed before 2:30pm EST
Choose from over 900 colors! Fibre Glast offers premium polyester gel coat that can be color matched every time. Whether you select an RAL favorite, or choose one of over 700 Instint® colors, all of these gel coats feature UV and blister resistance with excellent adhesive properties. All colors are available in a one-quart can for $62.95, a one-gallon can for $143.95 or a five-gallon pail for $529.95. RAL 9001 and RAL 9010 are available in gallon and five-gallon sizes only. Please note, one gallon of gel coat will cover approximately 40-80 sq feet. MEKP hardener is required for each color and is sold separately.

NOTE: The gel coat colors displayed in this catalog only use a four-color display (CMYK), and will not reflect the exact color of the final gel coat. For the most accurate depiction of the gel coat colors that we produce, we recommend you rent or purchase the Instint® Color Book and the RAL Color Book.

### Color Gel Coat

- **RAL Color Book**
  - Color Match for Traditional Favorites
  - 188 Colors. This color book has RAL standard colors that we can precisely create in a batch of gel coat made just for you. No more experimenting to get the color you need. Our high quality machine, software, base and pigments are quite simply the best available. You’ll receive consistent, high standard, perfectly matched color every time.
  - $19.95
  - $19.95 ($5.00 Net After Return)

- **Instinct® Color Book**
  - Choose from Hundreds of Colors
  - 730 Colors. Choose your desired gel coat from the huge selection of colors contained in this book! This Instinct® Color Book has 730 colors that we can precisely create in a batch of gel coat made just for you. Our high quality machine, software, base and pigments are quite simply the best available. You’ll receive consistent, high standard, perfectly matched color every time.
  - $49.95
  - $49.95 ($5.00 Net After Return)

### Premium Gel Coat with over 900 Color Options

- **Custom Color Gel Coat**
  - Choose your color from a wide selection of Gel Coats and Pigments.
  - Available in Quartz, White, Gloss, Satin, and Matte finishes.
  - MEKP hardener is required for each color and is sold separately.

### Additional Information

- **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov
- **Same Day Shipping:** For orders placed before 2:30pm EST
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ChromaGlast™ is the best solution for beautifying and protecting your composite project. It is compatible with fiberglass, carbon fiber, Kevlar®, SMC, and prepared metal surfaces. This premium paint is a high-gloss, urethane-based system developed by PPG, so it will hold up for years of use and abuse. It is also painter-friendly - simply mix the paint with the hardener and drying agent and spray in a single coat just as you would most any paint. Paint will not sag and it builds up clean. The high-solids single-stage formula provides a beautiful, high-gloss, rich finish. ChromaGlast™ paint is suitable for automotive, fleet, aerospace, or above-water-line marine use. It provides outstanding corrosion, chemical, and UV resistance. Also ChromaGlast™ features a low 2.8 (max) VOC formula to comply with EPA regulations. 1 mil of dry paint will provide coverage up to 952 ft² per gallon. 1.5-3.0 mil DFT is appropriate for most. This system is sold in ¾ quarts and ¾ gallons, which will mix to an even quart or gallon after mixing required #5025 Drying Accelerator and #5027 Paint Hardener. Due to the varying prices of different components, ChromaGlast™ Paints are priced by the color. Please see our website, our #5040 Color Book Price List for the price of your select color. There are 300 colors in the to choose from in the #5040 Color Book. All colors may be ordered online or by phone. Colors include solids and metallics. WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov
ChromaGlast™ High Solids Primer Surfacer & Sealer

Dual-Purpose Undercoating System

ChromaGlast™ High Solids Primer Surfacer Sealer is a dual-purpose undercoating system that can be used as a Primer Surfacer for rough finishes and mixed materials, but can also be used as a premium pigmented Primer Sealer on ready-to-coat finishes. The first-class epoxy-based formula is designed to protect composite and metal substrates from corrosion and chemicals, while providing excellent paint adhesion and consistency. Application is also flexible, as this primer is easy to mix and can be sprayed, brushed, or rolled onto the substrate.

As a dual purpose product, the high solids formula can be sprayed or rolled as a Primer Surfacer (3-5 coats) for surfaces that need some sanding and finishing before coating, without the need for additional sealer. Or, spray as a Primer Sealer (1-2 coats) for smooth Class A surfaces that are ready to coat, while providing a base tint for your color. ChromaGlast™ #5060 Primer features a low 2.1 VOC (max).

This premium primer is available in White (#5060), Gray (#5062), and Black (#5064) to best compliment your top coat color with less paint coats. A simple 1:1 mix ratio is used with the special-ized hardener (#5061). **WARNING: This product can expose you to chemicals including Titanium Dioxide, Toluene, Bisphenol A (BPA), Carbon Black, and Crystalline Silica, which are known to the State of California to cause cancer and developmental harm, and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.**

**WHITE KITS**

- #5060/5061-B 1/2 gallon kit $204.95
- #5060/5061-C 2 gallon kit $644.95

**GRAY KITS**

- #5062/5061-B 1/2 gallon kit $204.95
- #5062/5061-C 2 gallon kit $639.95

**BLACK KITS**

- #5064/5061-B 1/2 gallon kit $204.95
- #5064/5061-C 2 gallon kit $639.95

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ChromaGlast™ Paint Hardener

Required for ChromaGlast™ Paints

This Paint Hardener is made exclusively for our ChromaGlast™ Premium Paint for Fiberglass and Composites. It is packaged into a convenient 8 oz bottle for easy measuring into your ChromaGlast™ paint mix. For every ¼ quart of paint, simply use one bottle of hardener; otherwise a 3:1 ratio for any quantity.

#5027-A ChromaGlast™ Paint Hardener (8 oz) $44.95

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ChromaGlast™ Gray Epoxy Primer Sealer

Compatible with ChromaGlast™ Products

ChromaGlast™ #5052 Gray Epoxy Primer Sealer is a first-class undercoating designed to protect composite and metal substrates while providing excellent paint adhesion and consistent color. This premium formula is easy to mix, easy to spray, and fast drying. It is compatible with properly cleaned fiberglass, carbon fiber, SMC, and Kevlar using polyester, vinyl ester, and epoxy resins. It can also be used with aluminum and carbon steel, but must be primed immediately after sanding. Our primer can be used with new work or repairs with a formula that is trusted by OEM manufacturers worldwide. ChromaGlast™ #5052 Primer features a low 2.1 VOC (max). One gallon Ready-to-Spray will cover up to 708 ft² at 1 mil Dry Film Thickness (DFT). Use 1-2 coats at 1-3 mils DFT each. Requires #5028-A Exempt Solvent for proper mixing. **WARNING: This product can expose you to chemicals including Ethylbenzene & Toluene, Titanium Dioxide, and Carbon Black, which are known to the State of California to cause cancer and developmental harm. For more information go to www.P65Warnings.ca.gov.**

**GRAY KITS**

- #5052/5053-B 1/2 gallon kit $204.95

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ChromaGlast™ Exempt Solvent

Compatible with ChromaGlast™ Products

The #5028 Solvent is the best option for reducing any of the ChromaGlast™ paints, primers, and sealers. Our high quality solvent is designed to be compliant for use in our low VOC paint with its exempt formula. Using this specialty solvent will reduce paint-finish errors like orange peeling and pin holes. This solvent is packaged in a 32 oz metal container for easy storage between projects.

#5028-A ChromaGlast™ Exempt Solvent (32 oz) $129.95

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ChromaGlast™ Drying Accelerator

Required for ChromaGlast™ Paints

We have packaged our exclusive drying accelerator into a convenient 1.5 oz bottle for easy measuring into your ChromaGlast™ paint mix. For every quart of paint, simply use one bottle of accelerator. This drying accelerator is required for your ChromaGlast™ Paint, and offers an ideal mid-rate dry time for all environments.

#5025-A ChromaGlast™ Drying Accelerator (1.5 oz) $11.95

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ChromaGlast™ Color Book

Over 250 Available Colors!

Looking for the perfect shade of awesome for your new project? Our color book has 300 different solid and metallic single-coat paints to choose from. All colors are mixed from proprietary PPG recipes, trusted by OEM’s from around the world. Each color book includes a price list, so you’ll know exactly how much your color will be by the ¼ quart or ¼ gallon.

#5040-A Purchase $39.95
#5040-Rental 30 Day Rental $39.95 ($5.00 net after return)

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**FIRST QUALITY COMPOSITE MATERIALS GUARANTEED**

1.800.214.8568 FIBREGLAST.COM
Accurate measurements, readings and instrumentation are vital to any professional in the composites industry. Our NIST certified instruments are used every day by professionals in the composite manufacturing industry, aerospace industry, racing teams, industrial maintenance teams, quality control departments, HVAC/R contractors and more. These precision instruments can be used to measure: Temperature (Contact & Infrared), Relative Humidity & Air Temperature Readings, Dew Point / Wet Bulb, Material Moisture Content & Thickness, Distance / Calculate Volume, and Leak Detection.

**Temperature And Humidity Datalogger**

Record up to 32,000 Temperature and Humidity Readings

Tracking the environment throughout the duration of a project is often beneficial in precision fabrication. Many government, wind energy and aerospace contracts require environmental conditions be recorded, especially when lamination is performed in uncontrolled environments. While most environmental requirements are dictated by Contract Specifications, lamination above 70%RH is not recommended. The Temperature and Humidity Datalogger has the ability to record up to 32,000 ambient temperature and relative humidity readings. Simply connect the datalogger to a computer to setup desired parameters (sampling rate, min/max alarms) and disconnect to begin recording. This datalogger features a real-time clock with day/time stamp and LCD display to see live measurements. The Temperature and Humidity Datalogger also comes with USB Cable, software, security lock, and 3.6V battery.

- [#3809-A DATALOGGER](#) $154.95
- [#3810-A DATALOGGER W/ NIST CERTIFICATION](#) $499.95

**Pinless Moisture Meter**

Test Moisture Content without Penetrating the Surface

The Pinless Moisture Meter measures moisture content in composite materials, as well as substrates such as foam and wood, by simply running the probe over the surface. This non-destructive moisture detector is capable of measuring up to 1.6” (40mm) into the surface of the material. The Pinless Moisture Meter is used prior to laminating over a substrate like wood to check its moisture content. It can also be used to measure the moisture content of reinforcement fabrics that have been packed in plastic or stored in high humidity environments. Excessive moisture can impede proper cure and affect the physical properties of your laminate. This moisture meter is a must-have when performing repairs to any surface that has direct exposure to water or high humidity levels. It is not recommended to laminate over substrates when the moisture content exceeds: Wood- 50%, Concrete- 30%, Fiberglass- 20%.

- [#3809-A PINLESS MOISTURE METER](#) $229.95

**Stainless Steel Digital Stem Thermometer**

Ideal for Testing Resin Temperature

Ensuring proper resin temperature is critical, and our Digital Stem Thermometer will help you monitor your resin throughout the layup process. This thermometer is made from stainless steel and features an easy-to-read LCD display. The display is updated every 2 seconds, giving you a continuous feed of the temperature of your product. The Digital Stem Thermometer is capable of measuring temperatures ranging from -40 to 450°F (-40 to 230°C) and includes an easily accessible calibration screw for quick adjustments. The Digital Stem Thermometer is available with NIST certification. This is an assurance program that certifies that a laboratory, manufacturer or individual product is fully equipped to calibrate equipment to National Institute of Standards and Technology (NIST) standards. The Digital Stem Thermometer also includes a 1.5V battery and a protective probe cover.

- [#3800-A STEM THERMOMETER](#) $24.95
- [#3801-A STEM THERMOMETER W/ NIST CERTIFICATION](#) $179.95
Instrumentation

- **Ultrasound Leak Detector**
  Pinpoint Leaks During Vacuum Bagging
  The Ultrasonic Leak Detector converts ultrasound signals produced during the vacuum bagging process into easily recognizable audible sounds. This ensures that your finished part remains under vacuum for the entirety of its cure cycle. The loss of vacuum pressure during cure can cause the surface of your laminate to become porous, which decreases your finished part’s physical and cosmetic properties. This unit includes a transmitter that generates a 40 kHz signal, headphones for use in loud environments, and a soft carrying case.

- **Video Inspection Camera - Recordable**
  Ideal for Inspecting Aircraft, Automobiles, and Piping Systems
  Our Video Inspection Camera allows you to inspect hard to reach places such as composite vessels, tubes, and piping in a non-destructive manner. It features a 39” gooseneck cable with 9mm camera. The gooseneck design allows the video cable to retain its configured shape when in use. The 9mm camera is waterproof and features 4 high visibility LED lights to provide illumination in dimly lit environments. The high-resolution camera feed is displayed on the 2.5” LCD color monitor. The Video Inspection Camera also features a comfortable pistol grip handle design for easy use. A camera mountable magnet and a hook-and-mirror set to assist with specific applications are included.

- **Gel Coat Thickness Gauge**
  Simple, Precise Measure for Gel Coat Thickness
  This simple tool can save hundreds of dollars in damaged material and labor. This is the only accurate method to determine gel coat thickness, and to achieve repeatable high quality results. Place the edge into the wet film, the last tooth marked is the thickness.

- **Digital Caliper - 6”**
  Accurately Measure Composites within 0.001”
  Our Digital Caliper is a rugged electronic caliper made from hardened steel. It’s perfect for measuring mold and flange thicknesses, pipe and tube diameters and finished composite laminates. This digital caliper features a zero-adjustment button and locking screw for accurate measurements. The large 6-digit LCD display makes it easy to record the measurements of your composite part or individual fabric plies. Our Digital Caliper is well suited for use in fabricating and quality assurance departments, as well as general industrial use. Included is a 1.5V battery, a screwdriver and a hard-carrying case. Our Digital Caliper - 6” is available with NIST certification. This is an assurance program that certifies that a laboratory, manufacturer or individual product is fully equipped to calibrate equipment to National Institute of Standards and Technology (NIST) standards.

#3819-A ULTRASONIC LEAK DETECTOR $129.95
#3813-A VIDEO INSPECTION CAMERA - RECORDABLE $199.95
#3817-A DIGITAL CALIPER $89.95
#3818-A DIGITAL CALIPER W/ NIST CERTIFICATION $199.95

1.800.214.8568 FIBREGLAST.COM
Nylon Bagging Film

Polyethylene Bagging Film

Stretchlon® 200 Bagging Film
High Stretch Conforms to Nearly Any Shape

Stretchlon® 800 Bagging Film
Suited for High-Temp Applications up to 400°F

Breather And Bleeder Cloth
Binder-Free, Conforms Closely to Contours of Part

Nylon Bagging Film Below 300°F
Particularly Soft and Pliable, Won't Dry Out

FIBREGLAST.COM          1.800.214.8568
**PTFE Coated Fiberglass**

High Temperature Release Fabric

PTFE Coated fiberglass is a versatile release fabric very similar to Teflon® by Chemours. This release fabric is designed to be in direct contact with your laminate during vacuum bagging and infusion processes. PTFE is resistant to all solvents, adhesives, and resins normally encountered in composite fabrication.

**High Temperature Release Film**

Extremely Conformable for High-Temperature Applications

High Temperature Release Films are extremely durable and highly conformable. These films are designed to be in direct contact with your laminate. Due to its superior non-stick performance, it is especially easy to pull from your part once vacuum bagging is complete. These high elongation release films are more pliable than other release films and are suited for use in temperatures up to 500°F. Our High Temperature Release Films are available in two different styles:

- **60" Wide**
  - Non-perforated: #1580-A, #1580-B, #1580-C
  - Perforated: #1581-A, #1581-B, #1581-C
- **50" Wide**
  - Non-perforated: #1586-A, #1586-B, #1586-C
  - Perforated: #1587-A, #1587-B, #1587-C

**Low Temperature Release Film**

High Gloss Film, With or Without Perforations

Available perforated and non-perforated, our Low Temperature Release Film makes for an easy release of vacuum bagging materials from your part once the process is complete. When used directly next to your laminate, it generally produces a smoother, glossy surface finish for your part. This Release Film is suited for use in temperatures up to 315°F.

- **60" Wide**
  - Perforated: #3586-C, #3586-B, #3586-A
  - Non-perforated: #3587-C, #3587-B, #3587-A
- **50" Wide**
  - Perforated: #3782-C, #3782-B, #3782-A
  - Non-perforated: #3787-C, #3787-B, #3787-A

**Nylon Release Peel Ply**

A Must-Have for Release from Laminate

Nylon Peel Ply creates a smooth, consistent surface finish for your laminate once the bagging process is complete. Although tightly woven, when laid directly next to your laminate in lay-up, it allows excess resin and air to flow through, eliminating voids in your part.

- **60" Wide**
  - #1583-A: 1 YD PKG $5.95, 3 YD PKG $16.95, 10 YARDS $29.95
  - #1583-B: 1 YD PKG $8.95, 3 YD PKG $25.95, 10 YARDS $44.95
  - #1583-C: 1 YD PKG $22.95, 3 YD PKG $61.95, 10 YARDS $135.95

**Econostitch® Peel Ply**

Visible Before and After Cure

Econostitch® is an economical, heat set and scoured peel ply used with both polyester and epoxy resins. It has red tracers with high visibility to reduce the risk of peel ply being left on the part. Econostitch® is designed to work in resin infusion or hand lay-up processes. It features a fine weave but when laid directly next to your laminate, it allows excess resin and air to flow through, eliminating voids in your parts. It reduces the need for sanding or abrading on your composite laminate. Econostitch® is a registered trademark of Airtech International.

- **60" Wide**
  - #1582-A: 1 YD PKG $4.95, 3 YD PKG $14.95, 10 YARDS $29.95
  - #1582-B: 1 YD PKG $8.95, 3 YD PKG $25.95, 10 YARDS $49.95
  - #1582-C: 1 YD PKG $22.95, 3 YD PKG $62.95, 10 YARDS $125.95

**Polyester Peel Ply**

Ideal for Secondary Bonding

When laid directly next to your laminate in the vacuum bag, Polyester Peel Ply leaves behind a rougher surface on your part, when compared to nylon films, once the process is complete. This surface improves mechanical bonding between your finished part and other resins, fabrics, or adhesives. Although tightly woven, it also allows excess resin and air to flow through, eliminating voids in your part.

- **60" Wide**
  - #1583-A: 1 YD PKG $11.25
  - #1583-B: 3 YD PKG $29.95
  - #1583-C: 5 YD PKG $44.95
  - #1583: 10 YARDS $77.95
  - 25 YARDS $179.95
  - 50 YARDS $299.95
  - 100+ YARDS $659.95

- **50" Wide**
  - #1586-A: 1 YD PKG $12.95
  - #1586-B: 3 YD PKG $39.95
  - #1586-C: 5 YD PKG $64.95
  - #1586: 10 YARDS $107.95
  - 25 YARDS $269.95
  - 50 YARDS $449.95
  - 100+ YARDS $889.95

- **30" Wide**
  - #1588-A: 1 YD PKG $16.95
  - #1588-B: 3 YD PKG $46.95
  - #1588-C: 5 YD PKG $72.95
  - #1588: 10 YARDS $109.95
  - 25 YARDS $279.95
  - 50 YARDS $459.95
  - 100+ YARDS $879.95
**Flow Media / Vacuum Bagging**

**Enka® Fusion Nylon Flow Media**
8 oz/sq yd, 50" Wide, 0.0089" Thick, 8H Satin Weave
Enka® Fusion Nylon Flow Media is designed to facilitate resin infusion and provides the fastest flow rates of all flow media available at Fibreglast.com. Randomly oriented nylon filaments create a flat, open structure that expedites resin flow, permits a complete wet-out, and keeps resin retention to a minimum. Use it at the surface, or as a separation layer between layers of reinforcement within your composite. Enka® Fusion Nylon Flow Media is a registered trademark of Low & Bonar PLC.

**Red LDPE Infusion Flow Media**
Control Resin Flow for Smaller Infusion Projects
Our #1405 Red LDPE Infusion Flow Media is used for small to medium resin infusion projects, up to 50 sq/ft, that require predictable, controlled resin flow. This flow media is designed to assist resin flow through your composite part during the resin infusion process. In addition to having a higher degree of conformability, this LDPE does not fray or roll up when cut, making it easy to position within your vacuum bag. This flow media has a service temperature of 160°F and is compatible with all of our resins.

**Green HDPE Infusion Flow Media**
Control Resin Flow for Larger Infusion Projects
Green HDPE Infusion Flow Media is designed to facilitate resin flow that is quick, controlled, and predictable for resin infusion projects up to 90 square feet. It can be used for larger projects if multiple ports and flow channels are installed. Use it at the surface, or as a separation layer between layers of reinforcement within your composite. #1406 Green HDPE Infusion Flow Media is compatible with polyester, vinyl ester, and epoxy resins, and has a maximum service temperature of 200°F.

**Lantor Soric® XF**
Conformable to Parts, Facilitates Resin Flow
Lantor Soric® is the most conformable of our flow media for resin infusion. This product features unique hexagonal flow channels across a carrier sheet that create a steady, even resin front. Lantor Soric® quickly builds thickness with up to 35% less resin retention than all-glass laminates. Lantor Soric® is compatible with polyester, vinyl ester, and epoxy resin systems, and can also be used as core material and/or a print blocker. Lantor Soric® is constructed of a nonwoven polyester material available in a 50" width.

**Divinycell® Divinymat**
Resin Flows Easily for Vacuum Bagging
Our #1024 Divinymat was engineered specifically for vacuum infusion. Featuring grooves, perforations, and cross scoring, this core material creates flow channels for resin while adding strength. Divinymat is a 3.8 lb DIAB Divinycell® H with cross scoring and offers the highest structural properties of any available flow media. Bonded to a light scrim cloth, this core will conform to most simple curves and shapes. Sold by the sheet. Each sheet measures 1/8” thick X 32” X 48”.

**Vacuum Infusion Sample Pack**
Feel and Compare our selection of Infusion Media
This convenient Sample Pack contains 4” x 6” swatches of all of our resin infusion flow media. It is ideal for determining which material you would like to try for your application. Plus, this Sample Pack includes a coupon for $25 off your next order of $100 or more when purchased within 60 days.
Spiral Tubing

Our #1403 Spiral Tubing is used in both vacuum bagging and vacuum infusion processes. A vacuum infusion standard, this tubing is ideally suited for in-bag vacuum line extenders or resin feed lines. To ensure flow is not impeded, we recommend wrapping spiral tubing in nylon or polyester peel ply. Our tubing is 1/2” ID and is compatible with all of our hose fittings.

Double-Backed Tape

Our Double-Backed Tape is a double-sided fabric reinforced tape. Perfect for holding Spiral Tubing. This filter jacket features three-dimensional “V” shaped nylon media that permits a wider path for resin dispersion over the entire feeder surface, resulting in more even resin dispersion. This filter jacket is made of a thermally bonded, nonwoven polyester sock. Enka® Fusion Filter Jacket is a registered trademark of Low & Bonar PLC.

Omega Flow Channel

Reusable Resin Infusion Lines

Omega Flow Lines are designed for use under the bag in resin infusion applications, replacing spiral tubing. Omega Flow Lines incorporate an “Omega section” internally to transport resin along the surface and into the part. Simply attach your resin feed lines to the Omega Channel. Once the channel is full, resin will be dispersed into your part. Omega Flow Lines are made from translucent silicone rubber and are reusable. Apply mold release to the inside of the channel prior to each use and thoroughly clean the channel once removed from your part. These flow lines leave minimal or no mark off on the part when used in conjunction with our flow media and peel ply.

Resin Traps With 1/2" Fittings

Capture Excess Resin and Protect your Pump

Protect your equipment! These vacuum-sealed tanks are installed in the vacuum bagging process between the mold and the vacuum pump to capture excess resin that enters the vacuum line before it can damage your equipment. Resin traps are an integral part of all vacuum infusion and vacuum bagging processes. Our durable 300 Series Stainless Steel resin traps come equipped with clear, polycarbonate lids that allow you to easily monitor resin accumulation. Each Resin trap come complete with glycerin-filled vacuum gauge, fittings for use with 1/2” vacuum tubing, brass ball valve and instruction manual. Apply mold release to all interior surfaces of the resin trap prior to lay-up for easy clean-up once the vacuum process is complete. PLEASE NOTE: For larger projects install multiple in-line resin traps.

Want To Learn More About Vacuum Infusion?

Read Our Vacuum Infusion Guide In The Learning Center On Our Website!

The Vacuum Infusion Process (VIP) is a technique that uses vacuum pressure to drive resin into a laminate. Dry materials are laid into the mold and the vacuum is applied before resin is introduced. Once a complete vacuum is achieved, resin is literally sucked into the laminate via carefully placed tubing. In a typical hand lay-up, reinforcements are laid into a mold and manually wet out using brushes, rollers, or through other means. An improvement on that method is to use a vacuum bag...
0.03 Horsepower Combo Pressure/Vacuum Pump
Light, Portable, Economical
This oil free vacuum pump is perfect for basic vacuum bagging applications. It is quiet, compact, and portable! While it is not designed for continuous use, this pump is perfect for completing a small, quick project where vacuum is needed for less than 2 hours. It features a .033 HP motor capable of .39 cfm, 21.3" Hg, and max pressure of 33 psi. At only 6 lbs., it's lightweight and easy to use. This is an excellent entry-level pump for small vacuum bagging projects. Power Rating: .0033 hp Open Flow: .39 cfm Max Vacuum: 21.3" Hg Weight: 6 lbs Pressure/Vacuum Pump 115V, 60Hz Motor 100% Oil-less 0.03 HP COMBINATION PRESSURE/VACUUM PUMP #2008-A $395.95

0.28 Horsepower Rotary Vane Vacuum Pump
Medium Duty, Low Maintenance
This oil free rotary vane vacuum pump is ideal for applications in small shops and universities where part sizes and shapes are constantly changing. It comes equipped with carbon vanes, built-in suction filter, vacuum regulating valve, and is integrally flanged to a 0.3 HP, 110-220 volt, 50/60 Hz, 1 phase, TEFC motor. It's ideal for applications where air is the gas and the discharge must be totally free of oil. Very low maintenance requirements, long vane life, and low noise levels are key features of this pump. Operates on a continuous basis throughout a range of pressure, from atmospheric pressure to 25.5" Hg (mercury). 100% Oil-less 0.3 HP ROTARY VANE VACUUM PUMP #2038-A $749.95

0.56 Horsepower Industrial Vacuum Pump
Industrial-Grade for Big Jobs, Tough Environments
Simplicity of design is the key to this heavy-duty 0.56-HP pump that's suited for nearly any size vacuum bagging or resin infusion application. It features 100% oilless, rotary vane operation, and is designed to run continuously with very little maintenance—perfect for handling the work load in a busy shop. Operates on a continuous basis throughout a range of pressure, from atmospheric pressure to 25.5" Hg (mercury). Wired for 110v. 100% Oil-less 0.56 HP INDUSTRIAL VACUUM PUMP #2229-A $1,449.95

1.2 Horsepower Commercial Rotary Vane Vacuum Pump
Heavy Duty, Long Life
At twice the horsepower and triple the CFM of our Industrial Vacuum Pump, this 100% oil free rotary vane vacuum pump is designed for heavy-duty applications and can handle multiple vacuum bagging and infusion projects simultaneously. This pump is perfect for use where operation will be continuous throughout the day. Each pump comes equipped with self-lubricating graphite composite vanes, 10 micron inlet suction filter, vacuum regulating valve, and vibration isolators as standard equipment. It is integrally flanged to a 1.2 HP, 110-220 volt, 50/60 Hz, 1 phase, TEFC motor and is ideal for applications where oil or water is objectionable. Very low maintenance requirements, long vane life, and low noise levels are key features of this pump. This pump is designed to be professionally installed and comes equipped with a three-foot power cord for hard-wiring. 1.2 HP COMMERCIAL ROTARY VANE VACUUM PUMP #2512-A $2,999.95

Vacuum Generator
Easily Converts Your Air Compressor into a Vacuum
Our Vacuum Generator is a low cost and reliable way to generate the vacuum needed for vacuum bagging or resin infusion if you already have a good air compressor. This venturi style vacuum generator pulls 2.2CFM 27" of Hg vacuum when coupled in-line to an air compressor capable of producing 30-70psi at 3.5CFM. This Vacuum Generator features no moving parts for zero maintenance and ships fully assembled and features a quick-connect fitting for attachment to air supply. WARNING: This product can expose you to chemicals including Nickel, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

HIGH EFFICIENCY VACUUM GENERATOR #1149-A $139.95

High Efficiency Vacuum Generator
Create Vacuum from a Minimized Air Source
Our High Efficiency Vacuum Generator is a low cost and reliable way to generate vacuum pressure for the vacuum bagging or resin infusion process even if you have only a small air compressor. This venturi style vacuum generator pulls 0.95CFM at 26" or Hg vacuum when coupled in-line to an air compressor that produces as little as 1.6CFM at 30-75psi. This Vacuum Generator features no moving parts for zero maintenance and ships fully assembled and features a quick-connect fitting for attachment to air supply. WARNING: This product can expose you to chemicals including Nickel, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

HIGH EFFICIENCY VACUUM GENERATOR #2229-A $139.95
1. Restrict or Seal Vacuum Lines

Our 1/2" OD Barb Fittings create a tight, reliable seal when used with our #893 Vacuum Tubing in vacuum bagging or resin infusion applications. Barb fittings can be threaded into the #910-A Thru-Bag Vacuum Connector or other vacuum bagging components to reduce the use of hose clamps and/or permit the installation of Quick Disconnects.

2. Control Air Pressure and Keep Moisture Out

This compact Regulator/Filter is designed to filter your air and keep debris and liquids from getting inside your equipment. Additionally, it permits you to dial in and maintain the correct air pressure. Install the Regulator/Filter in-line, close to your air source between the air source and any of the following: #2229-A or #1148-A Vacuum Generators, #1171-A Chopper Gun, or any of the Gel Coat Spray Guns (#120-A, #123-A, #126-A). Our Regulator/Filter includes a polycarbonate cup to catch liquid and debris that could cause potential damage.

3. All You Need is an Air Source!

Our Vacuum Bagging Starter Kit contains everything you need to set up a complete vacuum bagging station. Since all of our fittings, tubing, and components are compatible with each other, you can add any additional parts for more complex setups at a later date. You need some type of air compressor to supply air for the vacuum generator. WARNING: This product can expose you to chemicals including Nickel, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

**VACUUM BAGGING STARTER KIT**
- #2227-A $429.95
- SMALL REGULATOR/FILTER #2215-A $129.95
- #2224-A BRASS BALL VALVE $21.95
- #909-A TWO-WAY SHUTOFF VALVE $16.95
- #2226-A MALE TO MALE FITTING $4.95 EA
- 2219-A SCREW-ON DISCONNECT 10+ DISCONNECTS $19.95 $18.95 EA
- Male QUICKCHANGE STEEL NIPPLE 10+ NIPPLES $4.05 $3.85 EA
- Female QUICKCHANGE STEEL NIPPLE 10+ NIPPLES $4.95 $4.75 EA
- #896-A VACUUM GAUGE $24.95 EA
- Thru-Bag Vacuum Connector

4. Versatility for the Professional Fabricator

The Thru-Bag Vacuum Connector gives the experienced fabricator a number of opportunities for vacuum bagging techniques and accurate readings. Draw air directly from the vacuum bag with a conventional air hose; steel nipple makes installation quick and easy. Insert base within vacuum bag, make a small hole for opening, and screw the remaining part of the mechanism onto the bag. Use with temperatures up to 500°F. Install our #896 Vacuum Gauge directly to nipple and monitor pressure within the bag.

**THRU-BAG VACUUM CONNECTOR W/ QUICK CHANGE CONNECTOR**
- #910-A $39.95 EA
- THRU-BAG VACUUM CONNECTOR W/ HOSE BARB CONNECTOR #915-A $39.95 EA
- Vacuum Gauge

5. Accurate and Easy to Read

Measure and control the vacuum pressure of your vacuum bagging applications. Our #896 features a 2”- wide acrylic lens with easy-to-read markings, and 1/4” NPT threaded socket at the bottom for attachment.

- Connect using our #896-A T-Attachment.
- Use with our #902-A Bleed-off Valve.
- Get direct reading out of the vacuum bag with our #910-A Thru-Bag Vacuum Connector.

**VACUUM GAUGE**
- #896-A $24.95 EA

6. Male to Male Fitting

Durable Connector for Vacuum Bagging

This fitting is used to connect the #2224-A Brass Two-Way Shutoff Valve to the #2218-A Vacuum Gauge with T-Fitting, #898-A T-Attachment Assembly, #902-A Bleed-off Valve Assembly or a combination of male to male connections.

**MALE TO MALE FITTING**
- #2226-A $4.95 EA
**T-Fitting**

Accomplish Twice the Vacuum with One Pump

When used with 1/2" Vacuum Tubing (#893), this T-Fitting can be used to draw down two bags with a single pump, or to install multiple vacuum ports in a single bag. Barbed connectors are reliable and resistant to leaks. It can also be used with 1/2" Spiral Tubing (#1403) to extend vacuum lines inside the bag, or be used to extend resin feed lines in a vacuum infusion application. T-Fitting is autoclavable polypropylene, with a maximum service temperature of 200°F.

#906-A  T-FITTING $3.25  
4+ FITTINGS  $2.95 EA  
10+ FITTINGS  $2.75 EA

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**Vacuum Connector**

Reusable, Leak-Free Vacuum Connection

This Vacuum Connector is the most economical choice for a reusable, leak-free vacuum port in a basic vacuum bagging or resin infusion installation. Installation is simple: insert base within vacuum bag, then pull threaded opening through a small hole made in the film; slide on O-ring, followed by the nut. Air can be drawn directly from the vacuum bag by attaching 1/2" Vacuum Tubing (#893), secured with our continuous band Hose Clamps (#789).

#901-A  VACUUM CONNECTOR $5.25  
4+ CONNECTORS  $4.95 EA  
10+ CONNECTORS  $4.45 EA

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**Equal Angle “Y” Connector**

Create Multiple Ports in a Tight Space

Our #907 Equal Angle Y Connector is compatible with our 1/2" Vacuum Tubing. With equally spaced serrated arms, this fitting permits multiple vacuum ports to be installed in a tight area. Push 1/2" Vacuum Tubing onto the arms and secure with one of our #789 Hose Clamps.

#907-A  EQUAL ANGLE Y CONNECTOR $8.95  
4+ CONNECTORS  $8.45 EA  
10+ CONNECTORS  $7.95 EA

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**Bleedoff Valve Assembly**

Introduce Vacuum Relief

Our #902 Bleedoff Valve Assembly permits the installation of a vacuum gauge at the pump, while also permitting you to introduce vacuum relief if reduced pressure is desired. Vacuum Gauge sold separately.

#902-A  BLEEDOFF VALVE ASSEMBLY $59.95

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**Vacuum Tubing**

Dependable Choice for Vacuum Bag and Infusion

Strong enough to resist collapse under pressure in the vacuum cycle, this vinyl tubing is the smart choice for your next vacuum bagging or infusion project.

- Inner diameter of 1/2" (3/4" OD)
- Clear vinyl permits observation of air/resin within
- Sturdy, but lightweight for easy handling
- Temperature range: -20°F to 180°F
- Compatible with a wide range of fittings offered at Fibreglast.com
- Sold by the linear foot

#893  VACUUM TUBING $1.55 PER FOOT  
50+ FEET  $1.35 PER FOOT

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**T-Attachment Assembly**

Fast and Easy Install for Vacuum Gauge

A T-Attachment Assembly is the fastest and easiest way to install a vacuum gauge regardless of your vacuum bagging setup. By screwing the male threaded fitting into your pump, you can monitor vacuum pressure at the source. Available with gauge (#2218-A) or without (#908-A). The barbed fittings allow easy and leak-free connection of our 1/2" Vacuum Tubing.

#908-A  T-FITTING ONLY $24.95  
#2218-A  T-FITTING WITH GAUGE $39.95

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**Plumbers Tape**

Leak-Proof your Vacuum Joints

Keep connections air-tight. Plumbers Tape should be wrapped around the threaded end of all brass fittings within your vacuum bagging and infusion set-up to ensure leak-proof joints.

#2225-A  1 ROLL  $3.95  
10+ ROLLS  $3.35 EA  
25+ ROLLS  $3.25 EA  
100+ ROLLS  $3.00 EA

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**Air Hose Assemblies**

Spend Time on your Part – Not on your Set-Up

Our industrial quality air hoses have been pre-fitted with 1/4" quick disconnect fittings to make your setups and tear down a breeze. Simply snap in the hose and you will be ready to go. This high quality hose is suitable for daily use in a general industrial environment and will not degrade under moderate contact with oils or resins. Our air hose assemblies are rated for a maximum continual use temperature of 190°F. When properly equipped, you can easily connect these hoses to your air source, our #2229-A or #1148-A Vacuum Generators, our #2215-A or #2216-A Regulator/Filters, any of our Gel Coat Spray Guns and our #1171-A Chopper Gun.

#2217-A  5 FEET  $39.95  
#2217-B  10 FEET  $44.95  
#2217-C  25 FEET  $79.95  
#2217-D  50 FEET  $114.95

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**Hose Clamps**

Secure Tubing and Prevent Leaks

These clamps are designed to secure vacuum or resin tubing for leak-proof connections. With continuous band construction, you can tighten these clamps without cutting or digging into tubing.

#789-A  1 HOSE CLAMP  $1.95  
11+ CLAMPS  $1.85 EA  
100+ CLAMPS  $1.75 EA
Flash Tape
Secure Materials within Vacuum Bag Lay-Ups
This multipurpose polyester tape is used within the bad to hold other materials in place before the vacuum is pulled. It can also be used as a release film by applying it to mandrels and molds before lay-up. Highly recommended for temperatures over 400°F. 72 yards per roll, 1" and 2" wide rolls.

Gray Sealant Tape
Easy Seal for Lamination; Easy Strip after Cure
This tape will seal the bag to aluminum, steel, fiberglass, nickel, and graphite tool surfaces yet strips easily after cure. Use to plug leaks and tears in the bag that can develop during cure. Maximum service temperature is 400°F. 1/2" Wide, 1/8" thick, and 25' per roll.

Yellow Sealant Tape
Aggressive Tack to Eliminate Vacuum Bag Leaks
This tape will seal the bag to aluminum, steel, fiberglass, nickel, and graphite tool surfaces while supplying more aggressive tackiness than #581. Maximum service temperature is 400°F. 1/2" Wide, 1/8" thick, and 25' per roll.

20% Shrink Tape
Create mechanical pressure without vacuum
Shrink Tape is a polyester compaction film used to wrap laminates and create mechanical pressure during cure. Unlike vacuum bagging, this tape creates pressure by way of heat, rather than vacuum. When heated, it shrinks up to 20%, compacting (or squeezing) the composite within, eliminating excess resin and air. As a result, parts feature a better fiber-to-resin ratio and improved physical properties.

Flow Regulator
Easy Crimp to Control Resin Flow
Clamping off tubing to begin and end resin flow is a critical step in any infusion project, and these devices make it easy. Crease the tubing & block off flow and then lock into place using this regulator.

Hose Cutters
Easy-View Window Permits Clean, Accurate Cuts
The easiest way to cut tubing, these handy hose cutters do the job quickly and keep you moving. Use with any of our tubing for clean cuts every time, even at awkward angles.

Vacuum Bagging Materials Sample Pack
This convenient Sample Pack contains 4" x 6" swatches of all of our Vacuum Bagging Materials. It is ideal for determining which material you would like to try for your application. Plus, this Sample Pack includes a coupon for $25 off your next order of $100 or more when purchased within 60 days!

3M™ Super 77™ Spray Adhesive
Creates Strong, Temporary Bonds
3M Super 77™ Adhesive Spray works great to bond sheets of foam together, or to secure materials within a vacuum bagging layup. WARNING: This product can expose you to chemicals including n-Hexane, which is known to the State of California to cause harm to the male reproductive system. For more information go to www.P65Warnings.ca.gov.

Stethoscope
Target Air Leaks in Vacuum Bag Lay-Ups
Our Stethoscope is a reliable means to create set-ups that are air tight without making a larger investment. Manufactured to surgical standards, it’s designed to pinpoint smaller noises that can cause big problems, like vacuum leaks that can compromise your composite.

Tools & Tapes / Vacuum Bagging
1.800.214.8568          FIBREGLAST.COM
Sandwich Core & Foam / Vacuum Bagging

2 lb. Density Polyisocyanurate Foam Sheets
Easy Cut and Shape for Pattern-Making

Our 2 lb./cubic foot Polyisocyanurate Foam Sheets are best suited for moldless pattern-making and for sandwich core applications where insulation is a factor. The properties of this foam are similar to those of our 6 lb. Mix and Pour Foam (#24/25), so it can be easily cut and shaped with a sharp knife or sandpaper. Pattern-making has never been quicker! You can also glue together several sheets to form blocks as thick as necessary for shaping functional moldless-type parts.

- #440-C 3/4" x 4' x 2' (set of 3) $89.95
- #441-C 1" x 4' x 2' (set of 3) $74.95
- #442-C 1 1/2" x 4' x 2' (set of 3) $99.95
- #443-C 2" x 4' x 2' (set of 3) $129.95

6 lb. Density Polyisocyanurate Foam Sheets
Easy Carve for More Detailed Patterns and Molds

Our 6 lb./cubic foot Polyisocyanurate Foam is a rigid, closed-cell foam used in insulation, sandwich core, and carving applications where strength is key. The properties of this foam are similar to those of our 6 lb. Mix and Pour Foam (#24/25), so it can be easily cut and shaped with a sharp knife or sandpaper, and its density is suited to hold greater details. Pattern-making has never been quicker! You can also glue together several sheets to form blocks as thick as necessary for shaping functional moldless-type parts.

- #446-D 1" x 4' x 2' (set of 4) $199.95

Nomex® Honeycomb
Lightest Possible Construction

Fabricators use this sandwich core when high strength-to-weight ratios are required. This honeycomb is an aerospace-grade aramid fiber constructed from DuPont Nomex® paper that is phenolic coated. Over-expanded cell structures allow it to be more flexible, which also makes it perfect for use in tight radius curves. Honeycomb is available in two densities: 1.8 lb./cubic foot (#1562) and 3.0 lb./cubic foot (#2562); both are 0.210" thick with over-expanded cells, measuring 3/16". Nomex® is a registered trademark of E. I. du Pont de Nemours and Company and is used with permission.

- #1562-A 1.8 lb. - HALF SHEET (40" x 48") $154.95
- #1562-B 1.8 lb. - FULL SHEET (40" x 100") $249.95
- #1562-C 1.8 lb. - CASE (10 FULL SHEETS) $2,295.00
- #2562-A 3 lb. - HALF SHEET (40" x 48") $169.95
- #2562-B 3 lb. - FULL SHEET (40" x 100") $279.95
- #2562-C 3 lb. - CASE (10 FULL SHEETS) $2,419.95

End Grain Balsa
Conforms to Most Curves – Marine Grade

End Grain Balsa is the most widely used core material, and is best suited for dynamic structures where performance and efficiency are key. Sheets are constructed from small individual blocks of end grain balsa wood, each bonded to a light scrim fabric that holds blocks together during lamination. As a result, this core will conform to practically any simple curve and most gradual compound curves. Sheets are sold in 24" x 48" sheets.

- #229-A 1 SHEET 1/4" 3/8" 1/2" $24.05 $29.05 $34.05
- #230-A 5 SHEETS 5 SHEETS 5 SHEETS $122.05 $127.05 $132.05
- #231-A 10 SHEETS 10 SHEETS 10 SHEETS $240.05 $245.05 $250.05
- #232-A 50 SHEETS 50 SHEETS 50 SHEETS $1,119.95 $1,119.95 $1,119.95

Sandwich Core Sample Pack
This convenient Sample Pack contains 4" x 6" swatches of all of our Sandwich Core Materials. It is ideal for determining which material you would like to try for your application. Plus, this Sample Pack includes a coupon for $25 off your next order of $100 or more when purchased within 60 days!

- SAMPLE PACK $19.95
- INDIVIDUAL SWATCHES $1.95 EACH

Same Day Shipping
For orders placed before 2:30pm EST

FIBREGLAST.COM 1.800.214.8568

John Gregg, Gregg Drilling & Testing Inc. - Signal Hill, CA
2 lb. Polyurethane Mix & Pour Foam
Fill Cavities for flotation and reinforcement.
Our #24/25 is a two-part, equal mix, self-rising, 2lb/cu. ft. density closed-cell foam system. Foaming begins within 45 seconds after the two liquids are mixed and continues for several more minutes. The foam expands approximately 30 times its liquid volume before curing, and will fill any shape cavity. It does not react with oil or gasoline and it will not absorb water. #24/25 is ideal for flotation applications and provides 60 pounds of flotation per cubic foot of foam. Unlike polyester foams, polyurethane foam is compatible with both polyester and epoxy resins. Before filling cavities for insulation, flotation or reinforcement, determine how much foam you’ll need. First, calculate the volume of your container in cubic feet. For example 1 ft. high x 1 ft. long x 2 ft. deep = 2 total cubic feet. Second, for 2 lb. foam, multiply that total by 2.5. In this case, 2 cubic ft. x 2.5 = 5 lb. of required foam. This foam is designed to meet USCG Title 33, Chapter 1, Part 183 when mixed properly.

3 lb. Divinycell®: Vinyl Foam Sheets
Superior Mechanical and Insulative Properties
DIAB closed cell vinyl foams are valued for their superior structural and mechanical properties. These foams are often used as a structural sandwich core for weight-sensitive aircraft and automotive applications. They combine ultra-low weight, improved stiffness, and impact resistance. At 3 lb./cubic foot, the density of these foams is similar to that of industry honeycombs, though strength properties do not match up to costlier honeycomb alternatives. The low density allows our 3 lb Vinyl Foams to be used extensively in weight-sensitive aircraft and automotive applications.

4 lb. Divinycell®: Vinyl Foam Sheets
Strikes Balance Between Strength and Weight
Due to their outstanding structural properties, DIAB closed cell vinyl foams are an excellent choice for sandwich core material in composite parts. When used as a structural sandwich core, 4 lb vinyl foams strike a balance between strength and weight, while offering insulative properties. Vinyl Foam sandwich cores significantly reduce weight and increase stiffness while maintaining or increasing strength compared to a thick reinforced laminate. 4 lb foam is used extensively in marine (leisure, military, and commercial) and automotive applications.

6 lb. Polyurethane Mix & Pour Foam
Higher Density for Strength and Improved Detail
Our #624/625 is a two-part, equal mix, self-rising, 6lb/cu. ft. density, closed-cell foam system. When compared to lower density foams, 6 lb. Mix and Pour Foam can be used to make significantly more detailed plugs and sculptures due to its higher density and smaller cell structure. It can also be used to make millwork, WWTP floats, or coast guard buoys. Foaming begins within 60 seconds after the two liquids are mixed and continues for several more minutes. The foam expands approximately 10 times its liquid volume before curing and will fill any shape cavity. It does not react with oil or gasoline and it will not absorb water. With a compressive strength of 120psi, #624/625 is ideal for structural void filling applications. Unlike polyester foams, polyurethane foam is compatible with both polyester and epoxy resins. Polyurethane foam can be pigmented using urethane pigments, and is paintable using standard latex based paints. This foam is designed to meet USCG Title 33, Chapter 1, Part 183 when mixed properly.
Chavant Clay / Mold Supplies

FIBREGLAST.COM          1.800.214.8568

Smooth Medium-weight for Prototypes
Professionals want the workability of a sulfur-based clay... without the risk of compromising their metal equipment. Chavant AutoStyle Industrial Design Clay is the answer. This light brown, medium clay contains no sulfur, so there's no risk of corrosion to metal workstations, tooling, or ovens. It heats up quickly to a comfortable, creamy consistency, with recommended working temps between 125°F–135°F.

#1123-A  #1123-B
2 LB BILLET  40 BLS (Case of 20 - 2 LB BILLETS) $24.95  $439.95

Create Accurate Prototypes and Patterns
This dark brown, hard styling clay can be used to create accurate prototypes and patterns. Y2-Klay is workable at 135°F and is hard at or below room temperature. This sulfur-free, low odor formula of Y2-Klay makes for a better working environment, and is 30%-40% lighter than other industrial styling clay; making the models easier to move and handle. Resistant to shrinking and cracking, Y2-Klay holds excellent surface detail and can be milled or shaped with tools.

#1122-A  #1122-B
1.75 LB BILLET  35 BLS (CASE OF 20 - 1.75 LB BILLETS) $18.95  $349.95

Meltable Clay that can be Brushed onto Foam
This dark, forest green colored, sulfur-free modeling clay offers a new option when creating plugs for new tooling. With a low melting temperature and hard modeling characteristics, this clay is meant to be brushed onto a foam plug and can be further modeled and detailed like any other of our popular modeling clays. Like our other Chavant clays, this oil-based clay never dries out or cracks, and allows PVA separator to be applied to it when building tooling.

#1124-A  #1124-B
2 LB BLOCK  40 BLS (CASE OF 20 - 2 LB BLOCKS) $18.45  $319.95

Since 1892, The Finest Name In Modeling Clay
Chavant has been producing non-drying modeling clays for over 100 years. Chaude Chavant, a French chemist, developed the original formulas in 1892. These fundamental recipes have been modified throughout the years to meet the changing demands of sculptors while maintaining compatibility with many associated emerging technologies.

Today, Chavant manufacturers the widest variety of premier quality, reasonably priced modeling clays available. Chavant clays are used by sculptors in the Fine Arts, Special Effects/Stage Props, Consumer Products, and Transportation Design Industries to name a few.
Chavant Le Beau Touche Clay (Cream)

Extremely Smooth with Excellent Adhesion

This cream colored, sulfur-free modeling clay is extremely smooth and has excellent adhesive qualities. This non-drying, oil-based clay can be carved and shaped easily and will not crack. It is workable at room temperature but can be warmed to a maximum of 90°F to achieve softer, stickier clay. Very sensitive to heat variations, this original Le Beau Touché formula can easily be warmed and softened with the friction from rubbing it in your hands.

#1120-A 2 LB BLOCK $12.95
#1120-B 40 BLS (CASE OF 20 - 2 LB BLOCKS) $234.95

Chavant Le Beau Touche Clay HM (Brown)

Smooth and Adhesive for High Working Temps

This brown colored, sulfur-free modeling clay is extremely smooth. This non-drying, oil-based clay can be carved and shaped easily and will not crack. Unlike the original #1120 Chavant Le Beau Touché, this HM (High Melt) formula is less sensitive to heat variations and is suggested for use where the working environment is expected to exceed 90°F. HM is also slightly firmer and less tacky than the original. This clay is workable at room temperature but it can be warmed to soften and will work quite nicely at about 105°F (115°F Maximum). When it returns to room temperature, it will return to its original firmness.

#1121-A 2 LB BLOCK $12.95
#1121-B 40 BLS (CASE OF 20 - 2 LB BLOCKS) $234.95

SCULPT LIKE A PRO WITH PROFESSIONAL TOOLS

Glyptic Set Standard Clay Tools

Professional Quality Clay Modeling Tools

The Glyptic modeling tools are made for professional modeling and are made from high quality materials to last a lifetime. The wire tips are ideal for shaping and detailing clay model parts. The Standard Set includes a variety of shapes of loops allowing you to form everything from broad curves to fine corner details on full size plugs or scale models. Small and medium loops are tempered steel, where the large loops are half-round stainless steel wire. Three 6” handles, four small loops, seven medium loops, and ten large loops are included. This set of Glyptic Standard Clay Tools in combination with Chavant clay will help achieve a flawless Class-A finish.

#1127-A GLYPTIC SET STANDARD CLAY TOOLS $204.95

Industrial Design Clay Tools Starter Set

Achieve Professional Results on Your Clay Model

The Industrial Design Tool Kit features several of the most popular and required tools for shaping industrial clays. Hardened wire is shaped and hand-ground to the half-moon cutting and shaping edge. Cutting wires are brazed together and inserted 2" into pre-drilled wooden handles, and epoxied into place with brass ferrule for a long-lasting secure bond.

Kit Includes: • 3” Straight Rake • 3” Curved Rake - 1-1/4” (P38)
Cutting & Shaping Wire - 1/2” (P40)
Cutting & Shaping Wire - 1-1/2” (PS1)
Cutting & Shaping Wire - 1” (BS2)
Cutting & Shaping Wire - 1-3/4” (F18)
Finisher Blade • 0.010” x 7” (SE)
Tempered Steel.

#1125-A INDUSTRIAL DESIGN CLAY TOOL STARTER SET $349.95

Same Day Shipping
For orders placed before 2:30pm EST

1.800.214.8568 FIBREGLAST.COM
## Urethane Casting Systems / Mold Supplies

### Urethane Casting Resin - 60 Shore D
Create Flexible, Tear-Resistant Parts and Molds
Pour tough, flexible parts and molds with Urethane Casting Resin Shore A. Available in two hardness variations, 40 Shore A and 60 Shore A. These urethane casting resins make it easy to create softer more resilient parts and tooling. These urethane casting resins have been designed specifically for the pouring of prototype and production parts. They can also be used to create fast, flexible molds with good life. They offer some undercut or negative draft. While silicone can be used to create more flexible and lower cost molds, urethane offers superior tear strength and 3-4 times the mold life. **WARNING:** Reproductive Harm. See [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

<table>
<thead>
<tr>
<th>Shore A</th>
<th>Quart Kit</th>
<th>Gallon Kit</th>
<th>4+ Gal</th>
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### Urethane Casting Resin - 75 Shore D
Get Superior Stiffness for Detailed Castings
For final parts and short-run castings, this white Urethane Casting Resin with 75 Shore D hardness can create detailed parts with superior cosmetic qualities. #3475 Urethane Casting Resin has a simple 1:1 mix ratio, and its low mixed viscosity makes it an ideal material to fill complicated molds. Cured castings are bright white and have great physical properties including: good tensile strength and superior stiffness in thin sections. #3475 Urethane Casting Resin is a great material for high performance parts and castings. It can be used for the casting of prototypes to simulate molded parts or for the preproduction checking of injection molds. Common applications include automobile, aircraft and marine parts and tooling. **WARNING:** Reproductive Harm. See [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

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<td>75 Shore</td>
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### Urethane Casting Resin - 40 Shore A
Easy Pour for Durable Foundry Parts and Tooling
This 60 Shore D hardness Urethane Casting Resin is well suited for demanding industrial applications. Extremely tough, this urethane casting resin system exhibits very high tensile and tear strength, excellent elongation, and good abrasion resistance. Easily pour this amber, lower viscosity material in open casts and closed molds to produce incredibly durable foundry tools, patterns, or parts. #3460 Urethane Casting Resin – 60 Shore D can completely cure at room temperature, but can also be heat cured up to 165°F. Typically, full properties of this urethane casting resin develop in 7 days at room temperature (75°F). **WARNING:** Reproductive Harm. See [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

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<td>60 Shore</td>
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### Fast Set Tooling/Prototyping Urethane Kit
Put Parts into Service within a Day!
#4113 Fast Set Tooling / Prototyping Urethane Kit is a two-part urethane casting system for molds or parts. This metallic grey urethane cures rapidly, so it can be mixed, poured, and demolded very quickly. Most castings made with this fast setting tooling can be demolded in 30 to 40 minutes and can be put into service within a day. **WARNING:** Reproductive Harm - See [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

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<thead>
<tr>
<th>Kit</th>
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<td>#4113-A GALLON KIT</td>
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### Plastic Stirrer For Urethanes
Moisture-Free and Reusable Stir Sticks
Our reusable Plastic Stirrers are ideal for mixing any product, but are necessary whenever you’re working with moisture-sensitive urethane casting resins. This Plastic Stirrer for Urethanes measures in at 11.5” long and 1” wide with alternating 1/4” and 3/16” mixing holes to assist in the mixing process. Wooden paint stirrers can trap moisture and contaminate urethanes if used for mixing prior to cure.

<table>
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<tr>
<th>Stirrer for Urethanes</th>
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<tr>
<td>#2333-A</td>
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### Urethane Pigments
Create Opaque Urethane Parts
These Urethane Pigments are a paste for tinting Urethane Casting Resins. Add pigments 2%-4% by weight to the urethane resin prior to the addition of catalyst. We have made every effort to accurately represent the cured color of our resins with these pigments.

<table>
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<th>Pigment</th>
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<td>#3460-B</td>
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### Easy Clean Mold Release For Urethanes
Easy to Apply, Easy to Clean Off
Easy Clean Mold Release for Urethanes promotes simple separation of urethane resins from epoxy or metal tooling in production applications. This release agent provides a glossy surface finish with minimal buildup on the mold and can be washed off final urethane parts with soap and water. **WARNING:** This product can expose you to chemicals including Benzene, and Toluene which is known to the State of California to cause Cancer, and Toluene which is known to the State of California to cause Birth Defects or other Reproductive Harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

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<th>Mold Release</th>
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<tr>
<td>#4120-B</td>
<td>$224.95</td>
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### Meguiar’s Mold Polish & Release Wax

**All-in-One Complete Mold System**

Meguiar’s Mirror Glaze® products comprise a complete production mold system based upon proper mold preparation and a paste wax. The advantages of this system are many; it yields parts with a very high gloss, involves no time consuming sprays, and with proper care, provides trouble-free releases. This system is compatible with PVA for added release insurance.

- **#118-A** 11 OZ TIN $21.95
- **#118-B** CASE (12 - 11 OZ TINS) $239.95

### Mold Release Clip System

**Quick, Sturdy Fastening System for Molds**

Make the finishing stages of mold-making go much smoother. This unique clipping system is designed to quickly join multiple-piece molds during final assembly and hold them tightly to prevent slipping or misalignment. Clips work with 1/8” drilled holes and be easily attached and removed using the Fastening Clip Plier, our part #792.

- **#792-A** FASTENING CLIPS $21.55
- **#795-A** FASTENING CLIPS $2.45
- **11+ CLIPS** $2.05 EA

### Release Wedges

**Safe, Reliable Tools for Mold Release**

Fabricators use plastic release wedges to help remove medium-to-large parts from a mold. Wedges are inserted around the perimeter of the mold, between the mold and the part, and then gently driven in until the piece pops out. It is necessary to use a sufficient number of wedges at the perimeter, particularly for larger parts—one wedge will not do the job. Each wedge should be tapped, in turn, as you progress around the mold. Wedges are made of soft polyethylene, so as to not damage the mold or the part. White wedges are more rigid in nature, the pink are slightly more flexible.

- **#96-A** 3-1/8” X 10” RIGID $8.25
- **10+ 3-1/8” X 10” RIGID** $8.45 EA
- **#365-A** 1-1/4” X 10” THIN RIGID $4.95
- **10+ 1-1/4” X 10” THIN RIGID** $4.75 EA
- **#364-A** 1-3/4” X 10” THIN FLEXIBLE $4.95
- **10+ 1-3/4” X 10” THIN FLEXIBLE** $4.75 EA
- **#64-A** 2-1/4” X 6” RIGID $4.25
- **10+ 2-1/4” X 6” RIGID** $4.05 EA
- **#766-A** 1-1/4” X 4” RIGID $2.65
- **10+ 1-1/4” X 4” RIGID** $2.55 EA
- **#778-A** 1-1/4” X 4” FLEXIBLE $2.65
- **10+ 1-1/4” X 4” FLEXIBLE** $2.55 EA
- **#965-A** AIR INJECTED WEDGE $34.95
- **5+ WEDGES** $33.95 EA
- **10+ WEDGES** $32.95 EA
- **25+ WEDGES** $31.45 EA

### FibreRelease®

**For Effortless, One-Step Release of Parts**

Save time, effort, materials, and money with FibreRelease®. With just one quick misting onto the mold surface, you’ll get multiple releases with proven results. No wax is involved. FibreRelease® is water based and contains no harmful solvents, VOC chemicals, or silicones—so it’s worker safe, environmentally safe, and paint-shop ready. Application is extremely easy, but before applying FibreRelease® keep this in mind: Always start with a Class “A” polished mold surface. This can expose you to chemicals including 1,4-Dioxane, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov

- **#1153** QUART (32 FLUID OZ) $29.95
- **25+ QUARTS** $26.75 EA
- **5+ QUARTS** $29.85 EA

### Non-Silicone High-Temperature Paste Wax

**Mold Release for High Working Temps**

This High Temp Paste Wax is specifically designed to release epoxy and polyester for application temperatures ranging from 75° to 375°. This Non-Silicone High Temperature Paste Wax can be applied to polyester, epoxy, steel, and aluminum molds with assurance of no silicone contamination.

- **#4121-A** 1 LB CAN $29.95
- **#4121-B** CASE (6 - 1 LB CAN) $159.95

### Partall® Parting Wax

**Simple and Reliable Mold Release Wax**

Partall® Parting Wax is a non-silicone green wax specifically formulated to produce a tough, durable, high gloss surface. Excellent release characteristics are achieved when used with #13 PVA. We recommend that new molds are coated with four layers before use.

- **#1016-A** 11 OZ TIN $12.95
- **#1016-B** 7 LB TUB $49.95

### PVA Release Film

**Easy Spray-On – Easy Release for Molds**

Inexpensive and effective barrier PVA (Polyvinyl Alcohol) should be used with #1016 Wax to aid in the release of parts from a mold. It should be applied in three thin mist coats over nonporous, waxed mold surfaces. After the final wax coat has dried, begin by spraying a light tack coat of PVA. Typically, within 5 minutes the final heavier coats can be added. The PVA dries to form a smooth, glassy film. After part release, the residual film can be removed with water. We recommend using our #126-A Touch Up Spray Gun for larger molds, but for smaller molds, use our #2251 Prenatal Sprayer. PVA can also be sprayed over any polyester repair to provide an airless tack-free cure.

- **#13-A** QUART $10.75
- **#13-B** GALLON $24.75
- **#13-C** CASE (4 GALLONS) $84.95

### Air Injected Wedge

**Use Air to Carefully Separate Stubborn Parts**

Air Injected Wedges can only reach a few inches into the mold, but with the use of air pressure will travel all the way to the sticking point to provide extra lift. This heavy duty poly-pro wedge is designed for extra long life.

- **25+ WEDGES** $2.55 EA
- **10+ WEDGES** $2.65
- **5+ WEDGES** $2.85

### Partall® Parting Wax

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- **#1016-A** 11 OZ TIN $12.95
- **#1016-B** 7 LB TUB $49.95
Mold Polish & Finishing / Mold Supplies

Step 1 & 2 Mold Polish

Produce Lasting, High-Gloss Polished Surfaces

Step 1 - Fast cut after sandpaper
Step 1 is a water-based polishing compound which begins work where sandpaper stops. 600-1000 grit scratches will rapidly be removed with this fast cutting compound. Step 1 Mold Polish also removes styrene and wax buildup from existing molds. Use this economical compound and achieve great results with only half the normal amount of compound material. Water-base material is safe for use in the paint shop environment. Step 2 Mold Polish will remove finer scratches and polish FRP parts, molds, and even painted surfaces to an exceptionally glossy surface. This economical polish uses half the material to achieve the results from typical compounds.

Suggested buffing speed: 2500 rpm minimum, and a #1104-A buffing pad is recommended for best results.

Quick Cutting with Polishing Compounds

When time is the issue, wool buffing pads cut quick. This half lamb’s wool-half synthetic pad is designed to work with our #1102 Step 1 and #1103 Step 2 Mold Polishes, and will withstand the 2500 rpm minimum buffing speed suggested for both. PLEASE NOTE: You must change pads when changing compounds or the small dust particles trapped in the pad from the previous grade will continue to cut the surface.

Smooth Out Tooling Marks

These popular abrasive pads are coated on two sides with silicon carbide and are extremely flexible. Use them to easily smooth out marks on flat, shaped, and curved surfaces. Sponges measure 4” x 5” and are available in 100, 150, and 220 grit.

#1102-A #1102-B #1103-A #1103-B

STEP 1 (1 lb Can) STEP 1 (5 LB CAN) STEP 2 (1 lb Can) STEP 2 (5 LB CAN)

$16.95 $54.95 $16.95 $54.95

For Dramatic Surface Shine and Conditioning

Step 3 in the mold polishing sequence use this compound to condition the mold surface prior to waxing. #113 eliminates any final swirl marks which may be present at this stage. Additionally, this formula actually “feeds” the surface with a wax-like petroleum product which deepens the effect of later coats of release wax. This product contains no silicones, making it safe for the paint shop environment. Suggested buffing speed: 2500 rpm minimum, and a #1104-A buffing pad is recommended for best results.

#113-F MEGUIAR’S MACHINE GLAZE $23.95

Achieve Near-Perfect Surface Quality

Your carbon fiber parts will have much greater depth if the surface is perfectly level, smooth, and finished. Using consecutively finer grades of sandpaper from 240-600, orange peel, texture from PVA, or other imperfections in the mold surface or finished part can easily be removed. Each combination pack includes 240, 320, 400, 500, and 600 grit sandpaper.

#968-A #969-A #970-A

1 Sheet of Each (5 total sheets) 5 Sheet of Each (25 total sheets) 10 Sheet of Each (50 total sheets)

$11.95 $51.95 $94.95

Ideal for Heavy Hand-Sanding

Our #961 Hard Rubber Sanding Block allows you to hand sand your mold, plug, or composite part without leaving finger pressure marks. By using a rubber block, you can quickly and effectively sand flat surfaces. This product is also great for removing materials from only high areas until they blend well with the overall surface. This versatile block can be used wet or dry with any grade of sandpaper during rough shaping of the plug or finish sanding of the clear gel coat on a cosmetic repair.

#961-A HARD RUBBER SANDING BLOCK $7.95

Achieve Near-Perfect Surface Quality

Your carbon fiber parts will have much greater depth if the surface is perfectly level, smooth, and finished. Using consecutively finer grades of sandpaper from 240-600, orange peel, texture from PVA, or other imperfections in the mold surface or finished part can easily be removed. Each combination pack includes 240, 320, 400, 500, and 600 grit sandpaper.

#968-A #969-A #970-A

1 Sheet of Each (5 total sheets) 5 Sheet of Each (25 total sheets) 10 Sheet of Each (50 total sheets)

$11.95 $51.95 $94.95

For Light-Pressure Finish Sanding

3M™ WETORDRY™ Sponge Pads are ideal for eliminating fine scratches and finger waves on a surface once it’s fair and level. Simply wrap with fine grit sandpaper and apply light pressure to achieve a finished surface. These sponge pads work best with light pressure applied.

#962-A 3M™ Wetordry™ Sponge Pad

11+ SPONGE PADS 100+ SPONGE PADS 25+ SPONGE PADS

$9.95 $8.95 EA $8.25 EA

#961-A HARD RUBBER SANDING BLOCK $7.95

Sanding Sponges

Smooth Out Tooling Marks

These popular abrasive pads are coated on two sides with silicon carbide and are extremely flexible. Use them to easily smooth out marks on flat, shaped, and curved surfaces. Sponges measure 4” x 5” and are available in 100, 150, and 220 grit.

#2139-A 100 Grit Double Sided Abrasive Sponge $1.95

#2138-B 12 - 100 Grit Double Sided Abrasive Sponges $19.95

#2139-A 150 Grit Double Sided Abrasive Sponge $1.95

#2138-B 12 - 150 Grit Double Sided Abrasive Sponges $19.95

#2137-A 220 Grit Double Sided Abrasive Sponge $1.95

#2137-B 12 - 220 Grit Double Sided Abrasive Sponges $19.95

For Light-Pressure Finish Sanding

3M™ WETORDRY™ Sponge Pads are ideal for eliminating fine scratches and finger waves on a surface once it’s fair and level. Simply wrap with fine grit sandpaper and apply light pressure to achieve a finished surface. These sponge pads work best with light pressure applied.

#962-A 3M™ Wetordry™ Sponge Pad

11+ SPONGE PADS 100+ SPONGE PADS 25+ SPONGE PADS

$9.95 $8.95 EA $8.25 EA

#961-A HARD RUBBER SANDING BLOCK $7.95

Mold Polish & Finishing / Mold Supplies

Meguiar’s Machine Glaze

For Dramatic Surface Shine and Conditioning

Meguiar’s Machine Glaze

$23.95

$21.55

$20.45 EA

$19.35 EA

$18.35 EA
Safety Supplies / Safety

Disposable Lab Coat
Comfortable, Safe Coverage, Easy Clean-Up
Laminating can be a dirty job. Make sure you keep the chemicals and dust off your clothes—and away from your skin. Disposable Lab Coats made from Maxshield offer a double layer of full upper-body protection that holds out dirt, dust, aerosols, spills, and splashes. The material this lab coat is made out of is designed for enhanced strength and flexibility to resist rips and punctures.

#540-A LARGE - DISPOSABLE LAB COAT $10.95
#560-A X-LARGE - DISPOSABLE LAB COAT $10.95
#551-A XX-LARGE - DISPOSABLE LAB COAT $10.95

Disposable Boot Covers
Protect Footwear and Keep Floors Clean
The physics are simple: when spills are made or dust flies, particles usually make their way to the floor and often onto your shoes. This is where Disposable Boot Covers get two jobs done at once. Maxshield Disposable Boot Covers feature non-skid soles that provide excellent grip, tear, and skid resistance. They are not recommended for use with a washing machine.

#566-A DISPOSABLE BOOT COVER $5.95

Disposable Body Suit
Full-Body Protection in One Piece
Laminating can be a dirty job. Make sure you keep the chemicals and dust off your clothes—and away from your skin. Disposable Body Suits made from Maxshield offer a double layer of full-body protection that holds out dirt, dust, aerosols, spills, and splashes. Zip-up fronts make this body suit easy to step in and out of. They’re also extremely lightweight and breathable so you’ll be comfortable while you work.

#564-A X-LARGE - DISPOSABLE BODY SUIT $10.95
#565-A XX-LARGE - DISPOSABLE BODY SUIT $10.95

Two Strap Dust & Mist Mask
(Box Of 20)
A Simple Measure for Safety
The smallest particles can cause the greatest discomfort and even health issues. Keep them out of your airways! Our two-strap mask is electrostatically charged to enhance filtration of fine dust and mists, and provides low breathing resistance for more comfortable use. Ideal for dusty environments, it protects against coal, cadmium, lead, cotton dust, and even silica. Double-shell construction resists collapse and will withstand humid conditions for extended life and potential re-use. Head straps are made from durable, latex-free polymer. NIOSH/MSHA approved for dusts and mists with a PEL not less than 0.05 mg/m3. Meets OSHA standards for use up to 10x PEL.

#851-B TWO STRAP DUST MASKS (BOX OF 20) $32.35

Organic Vapor Respirator
Stay Safe, Stay Comfortable
Our #350-A is a NIOSH approved 3M™ Half Facepiece Respirator which is molded in comfortable silicone, and features a four point cradle suspension that won’t slide down the back of the head. The low profile design keeps cartridges out of field of view and permits glasses or goggles to be worn. We supply the mask complete with headgear, one pair of organic vapor cartridges, and one pair of prefilters so it is ready to be used right out of the box. Replacement Cartridges, Prefilters, and Prefilter Retainers can be purchased separately as well.

#350-A ORGANIC VAPOR RESPIRATOR $105.35
#351-A PREFILTER RETAINERS (PACK OF 2) $7.95
#352-A PREFILTERS (PACK OF 2) $8.85
#354-A CARTRIDGES (PACK OF 2) $19.95
#355-A COMBINATION CARTRIDGE $64.95

Disposable Lab Coat
Disposable Boot Covers
Disposable Body Suit
Two Strap Dust & Mist Mask
Organic Vapor Respirator
Want To Learn More About How To Safely Work With Composites?

Read Our Safety In Composites Guide In The Learning Center Of Our Website!

The two components of composite work (reinforcement and resins) always require attention to safety. Reinforcements will tend to provide a problem when cutting. The small fibers will travel through the air so care must be taken to avoid breathing these fibers. Often a dust mask is satisfactory, but a respirator offers more complete protection. Additionally you will need to vacuum frequently to avoid having the fibers continue to circulate in the air. Reinforcements can also be irritating to the skin. Some people seem to be more susceptible than others to this problem, but sensitivity can also be developed over time. The best way to protect your skin is to...

Read the full article in our Learning Center!

**Commercial Electric Cutter**

Strong, Fast, Durable - Cuts Reinforcements for You

These electric scissors are ideal for cutting any of the traditional composite reinforcements; fiberglass and carbon fiber. Don’t get hand fatigue or waste time. Our Commercial Electric Cutter will pay for itself many times over. With a rugged construction, long-life battery, and durable tungsten steel blades, it will not only make your composite project easier, it will be ready for many projects in the future. These electric cutters can cut most composite materials, including dry fiberglass, dry carbon fiber and prepreg; vacuum bagging materials like bagging film and peel ply; and even thicker materials like heavier stitched fiberglass.

#2740-A COMMERCIAL ELECTRIC CUTTER $149.95
#2741-A REPLACEMENT BLADE $39.95
#2742-A REPLACEMENT BLADE W/ SHEATH $39.95
#2743-A BATTERY $49.95
#2744-A CHARGING BASE $49.95
#2745-A CORD ADAPTER $29.95
#2746-A AC ADAPTER $44.95

**Fiberglass Detail Trimmer**

6-1/2” Detail Trimmer

Our extremely sharp #2732-A Straight Blade Detail Trimmers are designed for everyday industrial use on smaller, detailed jobs. They are ideal for trimming excess carbon fiber, fiberglass, and other composite reinforcement fabrics from tooling edges, or stray fibers from any layup. The straight blade design with a fine point provides accurate control for making small, delicate cuts on intricate parts. These trimmers have a very comfortable, ambidextrous handle with large finger holes that can even be used with gloves. They are the best trimmers for composites that you will ever use! Made in the U.S.A.

#2732-A FIBERGLASS DETAIL TRIMMER $19.95
5+ TRIMMERS $18.95 EA
10+ TRIMMERS $17.95 EA
25+ TRIMMERS $16.95 EA

**Featherweight Scissors**

Lightweight, Durable, and Extremely Sharp

Gingher® Featherweights are a great all around scissors because they are lightweight, extremely sharp, and comfortable to use. These 2-1/2” oz scissors are perfect for a variety of purposes during a wet lay-up and can be soaked in acetone for easy clean-up. They are compatible with fiberglass, carbon fiber, and all vacuum bagging consumables. Wet or dry, prepreg or film, these scissors are versatile enough to tackle most jobs.

#536-A FEATHERWEIGHT SCISSORS $29.95
5+ SCISSORS $27.95 EA
10+ SCISSORS $26.95 EA
25+ SCISSORS $23.95 EA

**12” Resharpenable Fiberglass Scissors**

Resharpenable Shear with Extra Leverage

The #2735-A is a bent shear that provides extra leverage and comfort for cutting large amounts of material. The extremely sharp cutting edge can easily cut through carbon fiber, fiberglass, and other thin reinforcement fabrics and fibers. These trimmers have rubber coated handles that provide additional control. They are the best scissors for reinforcement fabrics that you will ever use! These Resharpenable Fiberglass Scissors feature chrome, high-carbon steel blades that maintain a sharp cutting edge, but can be sharpened over and over, and are professionally honed and ready to cut right out of the box. Made in the U.S.A.

#2735-A 12” RESHARPENABLE FIBERGLASS SCISSORS $74.95
5+ SCISSORS $69.95 EA
10+ SCISSORS $64.45 EA
25+ SCISSORS $62.95 EA

**Carbon Fiber Bent Scissors**

Extra Leverage and Comfort for Long Cuts

The #2734-A is a bent shear that provides extra leverage and are comfortable for cutting large amounts of material. The extremely sharp cutting edge can easily cut through carbon fiber, fiberglass, and other thin reinforcement fabrics and fibers. These trimmers have a right-handed Sarlink® handle that provides lasting comfort. The high-leverage design provides a consistent, comfortable cutting angle. They are the best scissors for reinforcement fabrics that you will ever use! Made in the U.S.A.

#2734-A CARBON FIBER BENT SCISSORS $29.95
5+ SCISSORS $28.45 EA
10+ SCISSORS $26.95 EA
25+ SCISSORS $24.95 EA

**Modified Kevlar Scissors**

Easily cut through KEVLAR® without pulling fibers!

The #2733-A is specially designed and made specifically for cutting Kevlar®, aramid, carbon, fiberglass, and other hard-to-cut reinforcement fabrics. Small teeth machined into the blade allow the scissors to “bite” into the fibers without letting them slip. These scissors have right-handed Sarlink® handle that provides lasting comfort. The high-leverage design provides a consistent, comfortable cutting angle. They are the best scissors for hard-to-cut composites that you will ever use! Made in the U.S.A.

#2733-A MODIFIED KEVLAR® SCISSORS $34.95
5+ SCISSORS $32.95 EA
10+ SCISSORS $29.95 EA
25+ SCISSORS $27.95 EA
OLFA® Cutting Mats
Protect Fabric from Snags — Protect your Tablettop
Lightweight OLFA® Cutting Mats make the ideal surface for
working with fabric reinforcement. Lay them out on a solid
tabletop for measuring fabric and making clean, consistent cuts
every time. They are designed to withstand punctures and slices
associated with rotary cutters, razor blades, and scissors.
WARNING: Cancer and Reproductive Harm
www.P65Warnings.ca.gov

#1709-A CUTTING MAT 12" X 18" $19.05
10+ $16.95 EA

#1708-A CUTTING MAT 24" X 36" $54.95
10+ $49.95 EA

#1710-A CUTTING MAT 36" X 70" 12 PIECES $224.95
5+ $204.95 EA

#1713-A DRITZ

FRAY CHECK (3/4 OZ BOTTLE) $6.95
10+ $6.75 EA
25+ $6.55 EA
100+ $6.35 EA


OLFA® Rotary Cutter
Slice Thru Fabrics with Smooth, Clean Cuts
Forget the jagged cuts and snagged fibers caused by scissors
or shears. The OLFA® Rotary Cutter slices through fiberglass,
carbon fiber, and Kevlar® for clean cuts every time. The sharp
blade can cut through up to six layers of dry fabric, and is great
to use when cutting braided sleeves. WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

#1707-A OLFA® ROTARY CUTTER $31.95

OLFA® Rotary Circle Cutter
Cut Perfect Circular Patterns Every Time
With our OLFA® Rotary Circle Cutter you can cut perfect circular
patterns every time. This convenient rotary circle cutter features
an easily adjustable center spike that measures out the exact
radius you desire. You can use our circle cutter to create circles
ranging from 1-7/8" to 8-1/2" in diameter. The ratchet handle is
designed for right and left-handed use and reduces wrist fatigue.

#1707-C OLFA® ROTARY CIRCLE CUTTER $31.95

The Perfect Line Tape
Make Clean, Straight Cuts and Prevent Fraying
Our #1735 Perfect Line Tape is such a reliable way to preserve
the integrity of fabric, we use it ourselves. Every roll that leaves
our shop is cut using Perfect Line Tape! To use, apply the tape
to the reinforcement fabric and cut along the dashed line. You’ll
receive an even cut, and prevent fraying on both edges. This low
cost item is an effective solution to the fraying associated with
cutting expensive fabrics. This tape features a medium-tack
adhesive for easy removal.

#1735-A PERFECT LINE TAPE $14.95
10+ $13.95 EA
25+ $13.45 EA
100+ $12.95 EA

Composite Markers
Handy for the Workshop
Create and cut your own patterns for composite parts of any size.
These pens make it easy to mark cut lines on your reinforcement
or laminate without the need for tracers that may or may not fit
your design. The Pilot® Marker is better suited for marking hard
laminate parts with a non-porous surface. It features a paint-like
ink that is applied with only minimal pressure and dries quickly.
Use the Sharpie® Marker for marking dry reinforcement. The
tip of the pen glides easily along the surface of fabric without
dragging fibers along with it. Permanent silver ink provides a
 clear contrast that is easy to see, whether you’re working with
carbon fiber, fiberglass, Kevlar®, or prepreg fabric.

#925-A PILOT® SILVER LAMINATE MARKER $6.95
10+ $6.75 EA
25+ $6.55 EA
100+ $6.35 EA

#1925-A SHARPIE® SILVER FABRIC MARKER $2.95
10+ $2.75 EA
25+ $2.55 EA
100+ $2.35 EA

Dritz® Fray Check
Keep Fabrics from Fraying
Prevent the fraying associated with looser weaves of fabric or
cut fabric edges. Dritz® Fray Check™ is uniquely designed
to hold loose ends together. Simply squirt a line of this unique
liquid along your cutting line, allow it to dry, then make the cut.
Fray Check should only be used on portions of fabric that will be
cut away from your finished laminate. Areas of fabric saturated
with Fray Check will NOT saturate with resin. This can impact
performance and cause delamination. Fray Check is a nylon
plastic dissolved in an alcohol base. Once dry, it may appear
white against darker fabrics and can yellow over time, potentially
impacting cosmetics.

#1713-A DRTIZ® FRAY CHECK (3/4 OZ BOTTLE) $6.95
6+ $6.75 EA
10+ $6.55 EA
25+ $6.35 EA
Perfect for Vertical Spaces

This Four Roll Fabric Rack comes pre-drilled for floor mounting hardware. The extremely stable design does not require any top mounting and will accommodate 60” wide fabric rolls and heavy mats. It is designed for single-sided access, but does not need to be installed near a wall. PLEASE NOTE: This rack is designed for floor mounting only and is not suitable for casters. Wedge Anchors are recommended for floor mounting.

Dimensions: Width: 74” - Height (without rolls): 75-1/2" - Depth: 28-3/4"

Weight rating of 150 lbs per bar.

#1721-A FOUR ROLL FABRIC RACK $699.95
5+ FABRIC RACKS $645.95 EA
10+ FABRIC RACKS $615.95 EA
25+ FABRIC RACKS $589.95 EA

Stable and Convenient Storage for Multiple Fabrics

Designed specifically for composites, this rack will hold up to six rolls of fabric and is suitable for even the heaviest materials. This rack is extremely stable and does not require rolls to be counter-balanced. Rack accommodates 60” wide materials and is predrilled to accommodate Wedge Anchors (#1738) or Casters(#1721), both sold separately. Install this rack with wedge anchors and create a stationary two-sided rack. Attach Casters and you have a portable, easy-to-move rack that brings your materials to your workspace.

Dimensions: Width: 80” - Height (without rolls): 73-1/2” - Depth: 48”

Put your Fabric Rack on Wheels

These high-quality swivel casters are fitted with 5” polyurethane wheels and can be easily installed on our Six Roll or Three Roll Fabric Racks (#1720 and #1719). Larger wheels are designed to roll over debris commonly found in a composite production environment, so that even larger racks—holding multiple fabrics remain stable. Each caster features a brake to stop and secure the rack in place while unrolling and cutting fabrics and films.

#1721-A FABRIC RACK CASTERS $199.95

For orders placed before 2:30pm EST

1.800.214.8568 FIBREGLAST.COM
Complete Composite Workcenter

Keep Materials Organized, Clean and Accessible

This workcenter has everything you need to keep your fabric and supplies organized and accessible. The single fabric rolling bar is 66" wide, holds up to 200 pounds, and is capable of handling a roll up to 32" in diameter. This is ideal for even heavy mats, fiberglass, carbon fiber or Kevlar® fabrics, and woven roving. The extra large work table is 96" wide and 36" deep. With a tension guide and tension bar, your fabrics can be held in place and the large work area allows plenty of room to maneuver. Two 72" wide shelves are plenty for your tools and supplies. The top shelf is 13" deep and comes with 7 dividers that can be positioned to suit along the multiple installation points. The lower shelf is 8" deep and allows you to store objects up to 10" tall. This workcenter is also equipped with an extra sturdy storage drawer for easy access to your cutting tools and supplies. Ergonomically designed at 35" from the floor, there is no need for stooping. Have a more efficient composite manufacturing work space. Dimensions: Width: 96" Height: 76" Depth: 36"

#1723-A COMPLETE COMPOSITE WORKCENTER $1,995.95
5+ WORKCENTERS $1,785.95 EA
10+ WORKCENTERS $1,735.95 EA
25+ WORKCENTERS $1,705.95 EA

Cutting Station

A Must-Have for the Busy Composites Workshop

This composite cutting station is ideal for storing and cutting composite reinforcement fabrics. It has two bars for holding fabrics, each up to 52" wide, with the lower bar holding up to 150 pounds and the top bar holding up to 70 pounds. With a tension bar and tension guide, fabrics can be pulled onto the table and kept smooth and even. The table area is 30" deep by 64" wide allowing plenty of room to cut your fiberglass fabric and still offering enough room to work on your part. Nearly a yard off the floor, the ergonomic height is ideal for most adults. Dimensions: Width: 64" Height: 59" Depth: 30"

#1722-A CUTTING STATION $899.95
5+ CUTTING STATIONS $819.95 EA
10+ CUTTING STATIONS $799.95 EA
25+ CUTTING STATIONS $779.95 EA

What Do I Need to Set Up a Composite Workshop?

Over the past fifty years, Fibre Glass Developments has supplied thousands of new customers with materials they had never seen, and taught them to use them successfully. However, we rarely discuss the lessons we have learned about organizing the composite shop itself. One of the most challenging hurdles a fabricator will face is just “how” to begin. This includes setting up their first composites shop. In the “Perfect” environment, there are always plenty of spaces to work, warm temperatures to quickly cure resin, and no fumes. In reality, most shops are cramped, dark and dirty. The ideal composite shop should be safe, clean, and well ventilated. To keep the work fun and comfortable, cutting racks and benches can also be built to store materials and hold molds at appropriate working heights. Safety is one of the most important features for any fabricator...

Read the full article in our Learning Center!
https://www.fibreglast.com/product/setting-up-a-composite-shop

Want To Learn How To Set Up Your Own Composite Workshop?
Read Our Setting Up A Composite Shop Article In The Learning Center On Our Website.

Sign Up For Our Email Updates!

Be Notified First About Exclusive Sales, Our Newest Products, and Expert Articles.
Sign Up at the Bottom of our Website!
**Perma-Grit® Coarse Grit Hand Tools**

Shape, Cut, and Clean-up Edges for Laminates

Perma-Grit® Coarse Hand Tools feature tough tungsten carbide grit welded to steel planks. As a result, they're extremely robust and outlast traditional sandpaper by thousands of times. Use them to cut aggressively in any direction, make slots, finish edges, and shape composites, including carbon fiber and fiberglass. Coarse grit tools are especially useful for cleaning up the edges after other tools have been used to make larger cuts. They will not fray or shatter the edges of your part. #1921 is a comprehensive 8-piece kit containing the most popular hand tools as noted below, and includes a Velcro-fastened tool roll for organized storage.

#1921-A 8 PIECE COARSE GRIT HAND TOOLS $89.95

**Perma-Grit® Jigsaw Blades**

Best Solution to Cut Finished Composites

Perma-Grit® Jigsaw Blades are perfect for making large cuts or for cutting along flat sheets of laminate composites, like fiberglass and carbon fiber. Tungsten carbide abrasive grit is welded to steel shafts to create Perma-Grit Jigsaw Blades. After repeated use, they have proven to maintain their edge without breakage, and cut even more aggressively than more expensive welded to steel blades. As a result, they're extremely robust and outlast traditional sandpaper by thousands of times. Use them to sand in any direction, make slots and shape carbon fiber and fiberglass parts. They will not fray or shatter the edges of your part. Remember, it is always recommended that you work from a coarse grit to a fine grit before moving on to a rubbing compound or wax when creating a surface finish. #1922 is a comprehensive 8-piece kit containing the most popular hand tools as noted below, and includes a Velcro®-fastened tool roll for organized storage.

#1922-A 8 PIECE FINE GRIT HAND TOOLS $89.95

**Solid Carbide Fiberglass Burr Bit For Routers**

Strong Enough to Drill Tough Laminate Parts

Customize your finished laminate part. This solid carbide router bit is strong enough to easily make windows, shapes, or interlaminate holes in your finished carbon fiber or fiberglass composite. Shank measures 1/4" and is compatible with nearly all hand-held and table-mounted routers. Count on this router bit for a long life of easy cutting and finishing.

#2302-A SOLID CARBIDE FIBERGLASS BURR BIT $34.95
5+ BURR BITS $32.95 EA
10+ BURR BITS $30.95 EA
25+ BURR BITS $28.95 EA

**Perma-Grit® Fine Grit Hand Tools**

Give a Hand-Finished Touch to Laminate Parts

Perma-Grit® Fine Hand Tools are ideal for precise shaping and finishing of the highest quality composite parts. Tools feature tough tungsten carbide grit welded onto steel planks. As a result, they're extremely robust and outlast traditional sandpaper by thousands of times. Use them to make large cuts and outlast traditional sandpaper by thousands of times. Use them to sand in any direction, make slots and shape carbon fiber and fiberglass parts. They will not fray or shatter the edges of your part. #1923 is a comprehensive 8-piece kit containing the most popular hand tools as noted below, and includes a Velcro®-fastened tool roll for organized storage.

#1923-A 8 PIECE FINE GRIT HAND TOOLS $89.95

**Perma-Grit® Square Block 5.5" x 2"**

<table>
<thead>
<tr>
<th>Description</th>
<th>Price</th>
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<tbody>
<tr>
<td>5+ SQUARE BLOCKS</td>
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<td>10+ SQUARE BLOCKS</td>
<td>$27.95</td>
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<td>15+ SQUARE BLOCKS</td>
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**Perma-Grit® Rotary Attachments**

Cut and Shape Laminates with Handheld Rotary

Made from tough tungsten carbide, Perma-Grit® Rotary Attachments are designed to cut and shape your composite materials aggressively and with great precision. Use them to cut through fiberglass and carbon fiber laminates with ease. Perma-Grit® Attachments feature a special grit cutting edge for use with traditional or reverse-drive drills. After repeated use, attachments have proven to maintain their edge without breakage, and cut even more aggressively than more expensive diamond materials. They don’t clog easily, but can be cleaned, if necessary, with a wire brush and/or Acetone (part #9).

#1919-A 7 PIECE KIT $115.95
#1901-A 3/4" CUTTING WHEEL $14.95
5+ CUTTING WHEELS $22.95 EA
10+ CUTTING WHEELS $20.95 EA
#1902-A 1-1/4" CUTTING WHEEL $15.95
5+ CUTTING WHEELS $23.95 EA
10+ CUTTING WHEELS $21.95 EA

**Perma-Grit® Sanding Blocks**

Smooth Edges for Finished Composites

Perma-Grit® Sanding Blocks feature a unique tungsten carbide grit that outlasts traditional sandpaper by thousands of uses. For composite laminates, they are particularly effective for creating straight edges, squaring off, producing perfect dihedral angles, block sanding large areas, profiling leading edges, feathering trailing edges, and more. Sheets of tungsten carbide grit are bonded to an anodized aluminum extrusion for each block. They are designed to be lightweight, clean, and easy to handle for sanding fiberglass, carbon fiber, and other composite materials.

#1905-A PERMA-GRIT® SQUARE BLOCK 5.5" X 2" $29.95
5+ SQUARE BLOCKS $22.95 EA
#1906-A PERMA-GRIT® SQUARE BLOCK 7" X 2" $29.95
5+ SQUARE BLOCKS $22.95 EA
#1907-A PERMA-GRIT® COARSE CONTOUR BLOCK $29.95
5+ CONTOUR BLOCKS $22.95 EA
#1908-A PERMA-GRIT® FINE CONTOUR BLOCK $29.95
5+ FINE CONTOUR BLOCKS $22.95 EA
#1909-A PERMA-GRIT® WEDGE BLOCK $29.95
5+ WEDGE BLOCKS $22.95 EA

**Burr Bit For Routers**

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<thead>
<tr>
<th>Description</th>
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<tr>
<td>5+ 1-1/4&quot; CUTTING WHEELS</td>
<td>$21.95</td>
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<tr>
<td>10+ 1-1/4&quot; CUTTING WHEELS</td>
<td>$19.95</td>
</tr>
<tr>
<td>15+ 1-1/4&quot; CUTTING WHEELS</td>
<td>$18.95</td>
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**Want To Learn More About How To Cut Laminates? Read Our Learning Center Article.**

Cutting composites is uniquely difficult when compared to cutting wood, metal, or other more traditional building materials. There are a several reasons for this, but there are three primary factors which impact tool selection when cutting laminates. First, reinforcement fibers are abrasive. Since carbon fiber, fiberglass, and Kevlar® fibers can be abrasive, tools with traditional cutting edges dull quickly, effectively shortening tool life. In addition to...

Read the full article in our Learning Center! [https://www.fibreglast.com/product/composite-laminate-cutting](https://www.fibreglast.com/product/composite-laminate-cutting)
Rollers & Sleeves / Resin Applicators

Aluminum Rollers With Wood Handles
Remove Air from Sturdier Fabrics and Laminations
Aluminum Rollers are perfect for laminations where increased pressure is necessary to release air bubbles. They are straight across the width of the head and provide excellent air relief for nearly all applications.

#65-A 2" DIAMETER X 6" WIDE ROLLER $24.95
10+ ROLLERS $24.25 EA
25+ ROLLERS $23.75 EA
100+ ROLLERS $22.75 EA

#66-A 2" DIAMETER X 6" WIDE ROLLER $24.95
10+ ROLLERS $24.25 EA
25+ ROLLERS $23.75 EA
100+ ROLLERS $22.75 EA

Aluminum Rollers With Plastic Handles
Designed to Eliminate Air from Lightweight Fabrics
These Aluminum Rollers are durable and just right for releasing air from lightweight fabrics. Both sizes feature thin, parallel fins with more shallow grooves. Both rollers have sturdy plastic handles, and are approximately one foot in total length.

#764-A 1/4" DIAMETER X 1-1/2" WIDE ROLLER $11.85
10+ ROLLERS $11.25 EA
25+ ROLLERS $10.75 EA

#763-A 1/4" DIAMETER X 1-1/2" WIDE ROLLER $11.85
10+ ROLLERS $11.25 EA
25+ ROLLERS $10.75 EA

Aluminum Slotted Paddle Roller
Get More Air Release in Hard-to-Reach Spaces
This specialty roller is ideal for laminations that require added pressure to eliminate deeper air bubbles. Slotted paddle fins are rigid to rupture air bubbles in tight areas, particularly for unidirectional fabrics.

#949-A ALUMINUM SLOTTED PADDLE ROLLER $16.15
10+ ROLLERS $15.65 EA
25+ ROLLERS $15.05 EA
100+ ROLLERS $14.55 EA

Barrel Rollers
Contoured Head for Small, Tight Areas
These rollers feature a barrel-shaped head that is wider in diameter at the center and slightly tapered to both ends. Also referred to as “radius” rollers, as they are well suited for curved, or concave surfaces.

#1151-A 1" DIAMETER X 1-1/2" WIDE PLASTIC BARREL ROLLER $17.75
10+ ROLLERS $17.25 EA
25+ ROLLERS $16.65 EA

#414-A 1" DIAMETER X 3" WIDE PLASTIC BARREL ROLLER $15.05
10+ ROLLERS $14.55 EA
25+ ROLLERS $13.95 EA

#416-A 1" DIAMETER X 2" WIDE ALUMINUM BARREL ROLLER $18.35
10+ ROLLERS $17.75 EA
25+ ROLLERS $17.25 EA

Thin Fin Mini Roller
Eliminate Air in the Tight Spots
These all-metal rollers are made to last and small enough to reach tight, complex spots. Thin vertical fins saturate fabric with resin and push out trapped air. Rollers are approximately 8” in total length.

#366-A 1/4" DIAMETER X 1" WIDE ROLLER $9.95
10+ ROLLERS $9.45 EA
25+ ROLLERS $9.05 EA

#367-A 1/4" DIAMETER X 2" WIDE ROLLER $9.95
10+ ROLLERS $9.45 EA
25+ ROLLERS $9.05 EA

Plastic Rollers
Eliminate Air on Flat Surfaces and Gradual Curves
These Plastic Rollers are straight across the width of the head and provide excellent air relief for nearly all applications. All three sizes feature thin, parallel fins with deep grooves.

#411-A 1/2" DIAMETER X 3" WIDE ROLLER $11.85
10+ ROLLERS $11.25 EA
25+ ROLLERS $10.75 EA

#412-A 1" DIAMETER X 3" WIDE ROLLER $12.95
10+ ROLLERS $12.35 EA
25+ ROLLERS $11.85 EA

#413-A 1" DIAMETER X 6" WIDE ROLLER $16.15
10+ ROLLERS $15.65 EA
25+ ROLLERS $15.05 EA

Plastic Radius Roller
Bust Air Pockets in Narrow Spaces
Radius Rollers, also known as fillet or corner rollers, are unique in size and match a specific inside corner radius. They are generally sized like a wheel, with a larger diameter and smaller width.

#415-A 2" DIAMETER X 1/4" WIDE ROLLER $12.95
10+ ROLLERS $12.35 EA
25+ ROLLERS $11.85 EA
100+ ROLLERS $11.25 EA

#416-A 2" DIAMETER X 1/4" WIDE ROLLER $12.95
10+ ROLLERS $12.35 EA
25+ ROLLERS $11.85 EA
100+ ROLLERS $11.25 EA

Thin Fin Mini Roller
Eliminate Air in the Tight Spots
These all-metal rollers are made to last and small enough to reach tight, complex spots. Thin vertical fins saturate fabric with resin and push out trapped air. Rollers are approximately 8” in total length.

#366-A 1/4" DIAMETER X 1" WIDE ROLLER $9.95
10+ ROLLERS $9.45 EA
25+ ROLLERS $9.05 EA

#367-A 1/4" DIAMETER X 2" WIDE ROLLER $9.95
10+ ROLLERS $9.45 EA
25+ ROLLERS $9.05 EA

Barrel Rollers
Contoured Head for Small, Tight Areas
These rollers feature a barrel-shaped head that is wider in diameter at the center and slightly tapered to both ends. Also referred to as “radius” rollers, as they are well suited for curved, or concave surfaces.

#1151-A 1" DIAMETER X 1-1/2" WIDE PLASTIC BARREL ROLLER $12.95
10+ ROLLERS $12.35 EA
25+ ROLLERS $11.85 EA

#414-A 1" DIAMETER X 3" WIDE PLASTIC BARREL ROLLER $15.05
10+ ROLLERS $14.25 EA
25+ ROLLERS $13.95 EA

#416-A 1" DIAMETER X 2" WIDE ALUMINUM BARREL ROLLER $18.35
10+ ROLLERS $17.75 EA
25+ ROLLERS $17.25 EA

Economy Wire Handle Rollers
Remove Air from Smaller, Flatter Applications
Plastic roller heads are straight across their width and provide excellent air relief for most smaller applications. Both sizes feature thin, parallel fins.

#541-A 1/2" DIAMETER X 3" WIDE ROLLER $7.55
10+ ROLLERS $6.95 EA
25+ ROLLERS $6.45 EA

#542-A 1" DIAMETER X 3" WIDE ROLLER $7.55
10+ ROLLERS $6.95 EA
25+ ROLLERS $6.45 EA
**Aluminum Long Groove Roller Sleeves**

Saturate Large Surface Areas and Eliminate Air

These sleeves slide conveniently onto our Quick Change Roller Cages. Wider roller heads feature long, thin, parallel fins with deep grooves that run along their entire width. They are used to evenly saturate fabric and eliminate air within larger composite parts. Often preferred for use with unidirectional fabrics.

- **#2239-A 7” ROLLER SLEEVE**
  - 10+ ROLLERS $11.35 EA
  - 25+ ROLLERS $11.65 EA
  - 100+ ROLLERS $11.95

- **#2241-A 9” ROLLER SLEEVE**
  - 10+ ROLLERS $17.95
  - 25+ ROLLERS $17.35 EA

**Quick Change Roller Cages**

Tough Enough to Withstand Pressure and Solvents

These Quick Change Roller Cages are the perfect tool for the composites workshop. They are compatible with any of the Saturation Sleeves and Roller Covers available on our site. Cages tightly secure covers and sleeves when on, and feature just enough flex to quickly and easily change them out.

- **#2232-A 4” WIDE QUICK CHANGE ROLLER CAGE**
  - 10+ ROLLER CAGES $2.15
  - 25+ ROLLER CAGES $2.75 EA

- **#2234-A 7” WIDE QUICK CHANGE ROLLER CAGE**
  - 10+ ROLLER CAGES $2.15
  - 25+ ROLLER CAGES $2.75 EA

- **#2236-A 4” WIDE QUICK CHANGE ROLLER CAGE**
  - 10+ ROLLER CAGES $2.15
  - 25+ ROLLER CAGES $2.75 EA

- **#2238-A 9” WIDE QUICK CHANGE ROLLER CAGE**
  - 10+ ROLLER CAGES $2.15
  - 25+ ROLLER CAGES $2.75 EA

**Aluminum Bubble Buster Roller Sleeves**

Deflate Air Pockets in Hard-to-Reach Areas

These sleeves slide conveniently onto our Quick Change Roller Cages. Wider roller heads feature rigid nubs that run along their circumference and width. These nubs penetrate deep air pockets that might not be reached otherwise in order to fully saturate reinforcement. Bubble busters not recommended for use with chopped strand mat.

- **#2242-A 4” ROLLER SLEEVE**
  - 10+ SLEEVES $11.95 EA
  - 25+ SLEEVES $11.35 EA

- **#2244-A 9” ROLLER SLEEVE**
  - 10+ SLEEVES $17.95
  - 25+ SLEEVES $17.35 EA

**Aluminum Slotted Paddle Roller Sleeves**

Get More Air Release from Heavily Filled Resins

These sleeves slide conveniently onto our Quick Change Roller Cages. Wider roller heads feature “paddles” with deep grooves that run along their circumference and width. They are used to evenly saturate fabric and eliminate air from parts with heavily filled resin. Often preferred for use with unidirectional fabrics.

- **#2245-A 4” ROLLER SLEEVE**
  - 10+ SLEEVES $11.95 EA
  - 25+ SLEEVES $11.35 EA

- **#2247-A 9” ROLLER SLEEVE**
  - 10+ SLEEVES $17.95
  - 25+ SLEEVES $17.35 EA

**Aluminum Finned Roller Sleeves**

Evenly Distributes Pressure to Larger Composites

These sleeves slide conveniently onto our Quick Change Roller Cages. Wider roller heads feature thin, parallel fins with deep grooves that run along their circumference. They are used where greater pressure must be applied in order to saturate fabric and eliminate air for larger laminations. Aluminum construction makes them and easy to clean.

- **#2236-A 4” ROLLER SLEEVE**
  - 10+ SLEEVES $11.65 EA
  - 25+ SLEEVES $11.35 EA

- **#2238-A 9” ROLLER SLEEVE**
  - 10+ SLEEVES $17.65 EA
  - 25+ SLEEVES $17.35 EA

**Polyester & Mohair Roller Covers**

Tough Enough to Handle Resins and Cleaners

Will your paint roller stand up to resin? Because a dissolving roller is not the way to start a fiberglass project. All of our rollers are backed with two layers of polypropylene to get you through each lamination, start to finish. Clean them with acetone for use on multiple projects, or dispose of them after creating each lamination. Often preferred for use with unidirectional fabrics.

- **#2973-A 9” WIDE ROLLER**
  - 1/4” NAP SMOOTH POLYESTER

- **#2960-A 7” WIDE ROLLER**
  - 1/4” NAP SMOOTH POLYESTER

**Bristle Roller**

Stiff, Flexible Bristles Work Out Trapped Air

The bristles on this unique roller are stiff, but flexible, to release air trapped in irregular surfaces. They are frequently used for skin coats and mold construction. PLEASE NOTE: Bristles can be air trapped in irregular surfaces. They are frequently used for

- **#1105-A 1” DIAMETER X 3” WIDE ROLLER**
  - $3.95/EA

- **#2999-A 9” WIDE ROLLER**
  - 1/4” NAP SMOOTH POLYESTER

- **#2986-A 7” WIDE ROLLER**
  - 3/16” NAP MOHAIR

**Quick Change Roller Cages**

These Quick Change Roller Cages are the perfect tool for the composites workshop. They are compatible with any of the Saturation Sleeves and Roller Covers available on our site. Cages tightly secure covers and sleeves when on, and feature just enough flex to quickly and easily change them out.

- **#2232-A 4” WIDE QUICK CHANGE ROLLER CAGE**
  - 10+ ROLLER CAGES $2.15
  - 25+ ROLLER CAGES $2.75 EA

- **#2234-A 7” WIDE QUICK CHANGE ROLLER CAGE**
  - 10+ ROLLER CAGES $2.15
  - 25+ ROLLER CAGES $2.75 EA

- **#2236-A 4” WIDE QUICK CHANGE ROLLER CAGE**
  - 10+ ROLLER CAGES $2.15
  - 25+ ROLLER CAGES $2.75 EA

- **#2238-A 9” WIDE QUICK CHANGE ROLLER CAGE**
  - 10+ ROLLER CAGES $2.15
  - 25+ ROLLER CAGES $2.75 EA

**Aluminum Long Groove Roller Sleeves**

Saturate Large Surface Areas and Eliminate Air

These sleeves slide conveniently onto our Quick Change Roller Cages. Wider roller heads feature long, thin, parallel fins with deep grooves that run along their entire width. They are used to evenly saturate fabric and eliminate air within larger composite parts. Often preferred for use with unidirectional fabrics.

- **#2239-A 7” ROLLER SLEEVE**
  - 10+ ROLLERS $11.35 EA
  - 25+ ROLLERS $11.65 EA

- **#2241-A 9” ROLLER SLEEVE**
  - 10+ ROLLERS $17.95
  - 25+ ROLLERS $17.35 EA

**Aluminum Bubble Buster Roller Sleeves**

Deflate Air Pockets in Hard-to-Reach Areas

These sleeves slide conveniently onto our Quick Change Roller Cages. Wider roller heads feature rigid nubs that run along their circumference and width. These nubs penetrate deep air pockets that might not be reached otherwise in order to fully saturate reinforcement. Bubble busters not recommended for use with chopped strand mat.

- **#2242-A 4” ROLLER SLEEVE**
  - 10+ SLEEVES $11.95 EA
  - 25+ SLEEVES $11.35 EA

- **#2244-A 9” ROLLER SLEEVE**
  - 10+ SLEEVES $17.95
  - 25+ SLEEVES $17.35 EA

**Aluminum Finned Roller Sleeves**

Evenly Distributes Pressure to Larger Composites

These sleeves slide conveniently onto our Quick Change Roller Cages. Wider roller heads feature thin, parallel fins with deep grooves that run along their circumference. They are used where greater pressure must be applied in order to saturate fabric and eliminate air for larger laminations. Aluminum construction makes them and easy to clean.

- **#2236-A 4” ROLLER SLEEVE**
  - 10+ SLEEVES $11.65 EA
  - 25+ SLEEVES $11.35 EA

- **#2238-A 9” ROLLER SLEEVE**
  - 10+ SLEEVES $17.65 EA
  - 25+ SLEEVES $17.35 EA
Quality Stippling Tool Saves Time, Money, Headache

Fabricators know that a good quality brush is essential for hand lay-ups and repair. These China Bristle Brushes deliver the strength and stiffness required to stipple resins into mat and composite fabrics. Bristles are potted in epoxy, so they resist falling out, even when used with cleaning solvents. Along with easy-grip wooden handle, these brushes deliver durability you can count on. PLEASE NOTE: They are not recommended for use with finish coats of any lamination. Bristle Length: 1-1/2”

#34-A 1” BRISTLE BRUSH $0.95
25+ BRUSHES $0.75 EA
100+ BRUSHES $0.55 EA

#31-A 1-1/2” BRISTLE BRUSH $1.05
25+ BRUSHES $0.95 EA
100+ BRUSHES $0.65 EA

Spread Resin into the Smallest, Detailed Surface

Durable Acid Brushes are inexpensive and ideal for applying surface coat or casting resins into the most detailed, complex molds. The tough, horsehair bristles minimize air bubbles, while the entire tool is heat and solvent resistant. Best of all, you can simply dispose of them when you are done!

#2330-A ACID BRUSH
10+ BRUSHES $0.45
50+ BRUSHES $0.40 EA

Perfect for Stippling Resin into Mat and Fabric

Although we recommend spraying gel coat whenever possible, sometimes it’s necessary to apply by brush. A standard stippling brush will leave bristles and an imperfect surface. These top-quality polyester brushes will hold up to gel coat, resin, and styrene to deliver a professional finish—in-mold or for surface repairs. Clean with acetone, and feature wooden handles.

#2661-A 1” POLYESTER BRUSH $5.35
25+ BRUSHES $4.45 EA
100+ BRUSHES $3.95 EA

#2674-A 2” POLYESTER BRUSH $6.45
25+ BRUSHES $5.40 EA
100+ BRUSHES $4.90 EA

#2700-A 4” POLYESTER BRUSH $8.95
25+ BRUSHES $7.45 EA
100+ BRUSHES $6.95 EA

Simple and Handy

Easy open for cans of gel coat, wax, pigment, glitterflake, and more.

#20-A CUT BRISTLE BRUSH - 2” WIDE $2.95

The Simplest, Must-Have Tool for Laminating

Squeegees are essential for the workshop, particularly when it comes to laminating high-performance fabrics. Plastic squeegees are the fastest way to evenly distribute resin in most full-scale applications. They are useful for spreading fillers and for general-purpose fiberglass work. Rubber squeegees are excellent for forcing resin through high performance fabrics without the fear of snagging or distorting costly fibers. Rubber naturally conforms to contours within the mold and, likewise, provides better control than the plastic varieties.

#363-A 3” x 5” PLASTIC SQUEEGEE - RIGID $1.25
24+ SQUEEGEES $1.20 EA
151+ SQUEEGEES $1.15 EA

#362-A 3” x 6” PLASTIC SQUEEGEE - PLIABLE $1.25
24+ SQUEEGEES $1.20 EA
151+ SQUEEGEES $1.15 EA

#62-A 3” x 6” RUBBER SQUEEGEE $0.85
24+ SQUEEGEES $0.75 EA
100+ SQUEEGEES $0.70 EA

#1108-A 3” x 6” RUBBER SQUEEGEE $7.25
24+ SQUEEGEES $7.05 EA
96+ SQUEEGEES $6.95 EA
Mixing Sets & Starter Kits / Mixing & Measuring Supplies

Quart Starter Kit
Get Started with a Quart-Sized Lamination
This starter kit has everything you need to do a typical lamination involving a quart of resin. This kit includes: (1) 1/2" x 3" Wire Handle Plastic Roller, (2) 1" Brushes, (2) 1-1/2" Brushes, (2) Squeegees, and (4) Pairs of Gloves.
#591-A QUART STARTER KIT $18.95

Gallon Starter Kit
Get Started with a Gallon-Sized Lamination
This starter kit has everything you need to do a typical lamination involving a gallon of resin. This kit includes: (1) 7" Birdcage Roller, (6) 7" Roller Covers (1/4" Nap), (1) 1" x 3" Plastic Roller, (6) 3" Brushes, (6) 2" Brushes, (6) Squeegees, and (12) Pairs of Gloves.
#592-A GALLON STARTER KIT $49.95

5 Gallon Starter Kit
Tools to Tackle a Larger Lamination Project
This starter kit has everything you need to do a typical lamination involving 5 gallons of resin. This kit includes: (1) 7" Birdcage Roller, (12) 7" Mohair Roller Covers (1/4" Nap), (1) 1" x 3" Plastic Roller, (6) 3" Brushes, (6) 2" Brushes, (6) Squeegees, and (50) Pairs of Gloves.
#593-A 5 GALLON STARTER KIT $99.95

Quart Mixing Set
All You Need to Mix a Quart of Resin
This mixing set contains everything required to mix a quart of resin and corresponding hardener. Includes: (5) 1-Pint Paper Tubs, (1) 9 Oz Cup, (1) 4 Oz Cups, (1) 1 Oz Cup, (1) Teaspoon/Tablespoon, (5) Mixing Sticks, and (5) Pairs of Gloves
#589-A QUART MIXING SET $9.95

Gallon Mixing Set
All You Need to Mix a Gallon of Resin
This mixing set contains everything required to mix a gallon of resin and corresponding hardener. Includes: (5) 1-Quart Paper Tubs, (3) 1-Pint Paper Tube, (2) 9 Oz Cups, (2) 4 Oz Cups, (2) 1 Oz Cups, (1) Teaspoon/Tablespoon, (5) Mixing Sticks, and (8) Pairs of Gloves
#590-A GALLON MIXING SET $18.95

5 Gallon Mixing Set
Supplies for Mixing Gallons of Resin
This mixing set contains everything required to mix 5 gallons of resin and corresponding hardener. Includes: (6) 10-Pint Paper Tubs, (6) 1-Pint Paper Tubs, (6) 9 Oz Cups, (6) 4 Oz Cups, (6) 1 Oz Cups, (1) Teaspoon/Tablespoon, (12) Mixing Sticks, and (12) Mixing Paddles.
#591-A 5 GALLON MIXING SET $49.95

1 Pint - Paper & Plastic Mixing Tubs
Convenient Mixing Cups for the Shop
Our Plastic Measuring Tub will stand up to resins, thinners, and solvents, however, our Paper Mixing Tubs are ideal for mixes of all sorts but will not stand up to Acetone.
#885-A 1 PINT PAPER (SLEEVE OF 25) $13.95
#885-B 1 PINT PAPER (CASE OF 1000) $211.65
#885-C 1 PINT PLASTIC (SLEEVE OF 25) $8.05
#885-D 1 PINT PLASTIC (CASE OF 500) $107.95

Paper Tubs
Workshop Must-Have for All-Purpose Mixing
Our paper mixing containers are ideal for mixes of all sorts. They will not break down under resin, but will now stand up to Acetone.
#14-A 10-PINT PAPER MIXING TUB (EACH) $4.25
#14-B 10-PINT PAPER MIXING TUBS - CARTON OF 100 $410.35
#12-A 5-PINT PAPER MIXING TUB (EACH) $3.15
#12-B 5-PINT PAPER MIXING TUBS - CARTON OF 100 $302.35

Plastic Mixing Buckets
Stands Up to Resins, Thinners and Solvents
Our plastic mixing buckets will stand up to resins, thinners, and solvents.
#505-A GALLON PLASTIC MIXING TUB $4.25
#505-B GALLON PLASTIC MIXING TUBS - CARTON OF 100 $356.35
Mixing Supplies / Mixing & Measuring Supplies

**ClicSeal Pour Spouts**

Take the Guess and Mess Out of Pouring

ClicSeal Pour Spouts are uniquely designed with a precision spout and plastic closure blade for fast, accurate pouring without messy leaks and spills. Improved venting allows you to dispense spout and plastic closure blade for fast, accurate pouring without messy leaks and spills. Improved venting allows you to dispense:

- #2266-A ClicSeal Pour Spouts

- #845-A Volume-Match Mixed Solutions: One Tool, One Pour.

- #846-A Gallon - ClicSeal Pour Spout

- #824-A Quart/Gallon - Resin Pump

- #823-A 5 Gallon - Resin Pump

**MEKP Dispensers**

Safe, Accurate, Easy Dispense of MEKP

MEKP should be handled with the utmost care—and these unique, graduated bottles are designed for just that. Once the catalyst has been poured into the holding container, simply squeeze the upper vial until the catalyst reaches the desired amount. Release pressure on the bottle and leave a precisely measured amount of catalyst in the vial. Pour out with no drip or mess:

- #166-A 10 oz - MEKP Dispenser

- #2266-A 22 oz - MEKP Dispenser

**MEKP Caps**

Accurate Measurement, Safe Dispense

Perfect for screwing onto our 1 oz MEKP bottles! These caps eliminate messy pouring, allow measurement by drops, and can be capped for storage:

- #877-A MEKP Cap

**Teaspoon/Tablespoon Measuring Set**

Two Small Measurements in One Handy Tool

Measures both teaspoon and tablespoon. Do not use with acetone:

- #55-A TEASPOON/TABLESPOON MEASURING SET

**Polypylene Jars**

Air-Tight Storage for Resins, Pigments, Gel Coat

When used together, polypropylene jars and twist-on lids provide easy, air-tight storage of nearly any liquid in the workshop. They're especially handy for applications that require pre-mixing pigment and resin for color-matching—no advance of adding catalyst for lamination. They're available in 8-, 16-, and 32-ounce varieties. **Quantity Discounts Available**:

| Item | Description | Pack Size | Price
<table>
<thead>
<tr>
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<tbody>
<tr>
<td>#2261-A</td>
<td>8 oz Poly Jar Lid</td>
<td>100+</td>
<td>$0.25 EA</td>
</tr>
<tr>
<td>#227-A</td>
<td>16 oz Poly Jar Lid</td>
<td>11+</td>
<td>$0.55 EA</td>
</tr>
<tr>
<td>#2271-A</td>
<td>32 oz Poly Jar Lid</td>
<td>10+</td>
<td>$2.85 EA</td>
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**Plastic Cups**

Graduated and Solvent-Proof to Suit Needs

Long a staple of composite shops, these graduated cups are ideal for quick, and easy mixing and measuring:

| Item | Description | Pack Size | Price
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<thead>
<tr>
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<tbody>
<tr>
<td>#59-B</td>
<td>1 oz Graduated Cups (Case of 100)</td>
<td>10+</td>
<td>$7.55 EA</td>
</tr>
<tr>
<td>#59-C</td>
<td>2 oz Graduated Cups (Case of 500)</td>
<td>100+</td>
<td>$172.75 EA</td>
</tr>
<tr>
<td>#1378-A</td>
<td>4 oz Cup with Lid (Case of 100)</td>
<td>10+</td>
<td>$8.95 EA</td>
</tr>
<tr>
<td>#1378-B</td>
<td>4 oz Cup with Lid (Case of 500)</td>
<td>100+</td>
<td>$70.15 EA</td>
</tr>
</tbody>
</table>

**Spatula Heads**

Clean & Easily Dispense Resin & Gel Coat

These mini spatula heads are ideal for scraping out the last bit of gel coat from our open top quart and gallon cans:

- #847-A SPATULA HEAD

- #874-A SPATULA HEAD

**Jiffy Mixers**

Thorough Mixing for Fillers and Pigments

Jiffy Mixers are the standard of the industry for mixing pigments and fillers with resins. These units will not splash and yet ensure a thorough mix by pulling dense materials off the bottom and light materials off the top:

| Item | Description | Pack Size | Price
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<thead>
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<tbody>
<tr>
<td>#318-A</td>
<td>Pint Mixer</td>
<td>10+</td>
<td>$39.35 EA</td>
</tr>
<tr>
<td>#320-A</td>
<td>Quart Mixer</td>
<td>10+</td>
<td>$63.50 EA</td>
</tr>
<tr>
<td>#321-A</td>
<td>5 Gallon Mixer</td>
<td>5+</td>
<td>$86.35 EA</td>
</tr>
</tbody>
</table>

**Resin Pumps**

Eliminate Messy Cans, Drips, and Spills

Easy single-stroke pumps fit right into cans with accurate dispensing every time! If you have a 3:1 mix, simply depress the pump 3 times for resin and once for cure. It's that simple:

| Item | Description | Pack Size | Price
<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>#272-A</td>
<td>8 oz Poly Jar Lid</td>
<td>10+</td>
<td>$3.95 EA</td>
</tr>
<tr>
<td>#273-A</td>
<td>16 oz Poly Jar Lid</td>
<td>5+</td>
<td>$5.85 EA</td>
</tr>
<tr>
<td>#274-A</td>
<td>32 oz Poly Jar Lid</td>
<td>5+</td>
<td>$8.55 EA</td>
</tr>
</tbody>
</table>

**Mixing Sticks & Paddles**

Keep a Handful Around the Shop

Mixing Sticks and Paddles are an easy and effective way to mix resins and gel coat:

- #512-A 21” Line Holder/Mixing Paddle

- #511-C 9” Mixing Paddle Each

- #512-B 12” Mixing Paddle Each

- #511-B 6” Mixing Paddle Each

- #58-C 8 oz Cup/Scoop | 25+ | $2.75 EA |

**Graduated Measuring Cups**

Pour, Scoop, and Measure Just About Anything

Get it all done with one simple tool. Keep both convenient, handheld sizes in the workshop. These handy cups are ideal for resins, foam, fillers, or mixes:

| Item | Description | Pack Size | Price
<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>#212-A</td>
<td>8 oz Cup/Scoop</td>
<td>25+</td>
<td>$2.95 EA</td>
</tr>
<tr>
<td>#223-A</td>
<td>16 oz Cup/Scoop</td>
<td>5+</td>
<td>$5.15 EA</td>
</tr>
</tbody>
</table>

**Graduating Cap**

Graduating Cap for MEKP

For lamination. They're available in 8-, 16-, and 32-ounce sizes:

| Item | Description | Pack Size | Price
<table>
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</thead>
<tbody>
<tr>
<td>#227-A</td>
<td>16 oz Poly Jar Lid</td>
<td>5+</td>
<td>$1.55 EA</td>
</tr>
</tbody>
</table>

**Mixing Jars**

Mixing Jars for Resins, Pigments, Gel Coat

For lamination. They're available in 8-, 16-, and 32-ounce sizes:

| Item | Description | Pack Size | Price
<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>#2271-A</td>
<td>32 oz Poly Jar Lid</td>
<td>5+</td>
<td>$2.85 EA</td>
</tr>
</tbody>
</table>

**Plastic Cups**

Graduated and Solvent-Proof to Suit Needs

Mix and measure the mastic in one, easy-view cup. Measures in both milliliters (cc) and fluid ounces:

| Item | Description | Pack Size | Price
<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>#718-B</td>
<td>1 oz Graduated Cups (Case of 100)</td>
<td>100+</td>
<td>$10.95 EA</td>
</tr>
<tr>
<td>#718-C</td>
<td>2 oz Graduated Cups (Case of 500)</td>
<td>100+</td>
<td>$184.95 EA</td>
</tr>
</tbody>
</table>
Digital Scale
The Most Accurate Way to Measure Resin
This versatile scale is the most accurate way to measure resin, regardless of the mix ratio. Also, weigh your dry fabric and only mix enough resin to achieve the desired 40-50% hand lay-up ratio. This scale will measure up to 13 lbs with accuracy to 0.1 oz/1g. Measure the resin, re-zero (tare) the scale, and pour in the proper amount of hardener. Mixing couldn’t be easier. *REQUIRES 1 - 9V BATTERY (INCLUDED).

#1245-A DIGITAL SCALE $49.95

Acetone
Industry Standard for Dissolving Resin.
Acetone is a powerful solvent, used in the composite industry as the standard for cleaning and degreasing. It will dissolve and remove epoxy, polyester, and vinyl ester resin from tools, brushes, and surfaces—and will effectively remove grease and wax for surface preparation prior to bonding or repair.

#9-A QUART 1.7 LBS $11.95
#9-B GALLON 6.7 LBS $24.95
#9-C 5 GALLON PAUL 33.5 LBS $89.95

Plastic Funnels
Control Pouring for Liquids
Funnels are always handy in a composite shop. Large funnels facilitate pouring from 5 gallon pails and small funnels control pours from high viscosity materials like epoxy resin when measuring.

#2276-A 16 OZ EZ MIX CUP $1.05
10+ CUPS $0.95 EA
25+ CUPS $0.85 EA

#2277-A 24 OZ EZ MIX CUP $2.15
10+ CUPS $2.05 EA
25+ CUPS $1.95 EA

#2279-A 2.4 QT PITCHER $10.75
10+ PITCHERS $10.25 EA
25+ PITCHERS $9.65 EA

Syringes
Get Precise Measure for the Smallest Amounts
Syringes are handy when small, precise measurements are necessary. The 30 ml Syringe without needles with accept 1/8th” I.D. tubing or #106 needles. The 60 ml Syringe has a catheter tip to help control dispensing and comes with a cap.

#105-A 3 CC W/SMALL NEEDLE $0.75

#105-B 3 CC W/SMALL NEEDLE BOX OF 100 $46.35

#107-A 30 ML SYRINGE W/NEEDLE $3.15

#107-B 30 ML SYRINGE W/NEEDLE BOX OF 30 $53.95

#108-A 30 ML SYRINGE NEEDLES $0.35

#108-B 30 ML SYRINGE NEEDLES BOX OF 100 $25.85

#2275-C 60 ML SYRINGE, CATHETER TIP $4.25

#2276-C 60 ML SYRINGE, CATHETER TIP BOX OF 40 $102.95

Wypall® Waterless Hand Wipes
No Solvents, No Rinsing, Easy On Hands.
Wypall™ Waterless Hand Wipes pack a two-part punch. They feature a unique, natural formula powerful enough to instantly remove dirt, ink, resins, caulks, tar, adhesives, urethanes, paint, dyes, oil, and grease without having to rinse hands with water. The special dual-textured wipe traps the materials being removed within the towel. This prevents the materials from being re-deposited back on the skin.

#2406-A WYPALL® X80 PAPER WIPES $21.95
10+ BOWLS $19.45 EA
25+ BOWLS $18.95 EA

Drum Faucet
Makes Dispensing from Drums Easy and Clean
Control messy and potentially dangerous spills. Tap this handy spigot into drums of resin, gel coat, foam, and more, with our 3/4” plastic Flo Rite Faucet.

#51-A DRUM FAUCET $5.35
5+ FAUCETS $4.85 EA
10+ FAUCETS $4.25 EA
25+ FAUCETS $3.75 EA

EZ Mix Containers
Take the Guess and Mess Out of Pouring
Graduations display volumetric ratios for all kinds of mixes, but are especially helpful for mixing epoxy resin and polyurethane foam. Pour in epoxy, then add hardener right on top. Keep several pitchers on hand when mixing foam: pour each part into its own pitcher, then mix as needed. In addition to the various mix ratios, the 16- and 24-ounce cups are graduated in milliliters and ounces. The 2-1/2-quart pitcher is graduated in quarts, ounces, liters, and milliliters.

#2276-A 16 OZ EZ MIX CUP $1.05
10+ CUPS $0.95 EA
25+ CUPS $0.85 EA

Drum Faucet
Industrial Strength Paper Wipes
Wypall® X80 Paper Wipes are stronger and more absorbent than ordinary shop paper towels.

#2405-A WYPALL® X80 PAPER WIPES $21.95
10+ BOWLS $19.45 EA
25+ BOWLS $18.95 EA

Acetone Dispenser
The Safest Way to Keep Acetone at the Ready
Reduce spills, evaporation, and contamination. Easy-to-squeeze dispensing—Easy to identify. Our 16 oz. propylene dispenser makes it safer to keep acetone closer at hand for quick clean-up. Use with our #9 Acetone.

#160-A ACETONE DISPENSER $10.95
10+ DISPENSERS $10.45
25+ DISPENSERS $9.95

Wypall® X80 Paper Wipes
Industrial Strength Paper Towels
Wypall® X80 Paper Wipes are stronger and more absorbent than ordinary shop paper towels.

#2405-A WYPALL® X80 PAPER WIPES $21.95
10+ BOWLS $19.45 EA
25+ BOWLS $18.95 EA

Industrial Strength Paper Towels
Wypall® X80 Paper Wipes are stronger and more absorbent than ordinary shop paper towels.

#2405-A WYPALL® X80 PAPER WIPES $21.95
10+ BOWLS $19.45 EA
25+ BOWLS $18.95 EA
The Fibre Glast Difference

Fibre Glast seeks to delight our customers with a consistently excellent experience.

When it comes to composite materials, even the smallest flaw can easily compromise a finished part. Fibre Glast is committed to ensuring that the products we handle are always “First Quality” and manufactured to the highest standards. We never buy closeouts or products from unknown origins. That means you can expect the same exceptional properties and handling characteristics every time you order.

Fibre Glast sends material certifications with every order.

Our unique material tracking system allows us to issue certifications with all appropriate products and are automatically sent with every shipment.

First Quality Reinforcements

Reinforcement are the most critical aspect of any project. Saving money on reinforcements can result in a low quality part that can lead to failure. Whether it is fiberglass, carbon fiber or Kevlar, fabric weavers have very strict guidelines about fabrics which are considered First Quality. When they certify a First Quality fabric, it can be used in any of the most demanding applications—from marine craft to space craft.

We require that all of our fabrics are...

- Finished to our specs to ensure complete compatibility with all of our resins.
- Arrive with certifications confirming that they meet our published specs.
- Have been tested to ASTM standards (when applicable).

What about seconds?

Sometimes a fabric can have a small flaw which constitutes second quality. Whether it’s as small as excessive broken fibers, a missed weave, or has a hole big enough to put your fist through, it is still second quality. Seconds can sometimes be usable, but you will not find them in our stock. Period.

First Quality Resins

First Quality also makes a difference with resins, as does shelf life. Some resins do not provide best quality results. If you purchase resin that has floating “eyes” or has started to gel in the bottom of the can, you will never achieve the full properties of your reinforcement. This is too common for resins sold in brick and mortar stores or at a discount.

We actively monitor manufacturing dates and guarantee you a minimum 6-month shelf life from your date of purchase with all of our polyester and epoxy resins; vinyl ester is guaranteed for 3 months.

Like our fabrics, our resins are manufactured with complete specs and ASTM-standard test results. You can trust your composite part knowing that your resin will yield top performance.

First Quality Supplies

Some brushes will dissolve in resin. Some cups will dissolve in acetone. Some scissors won’t cut some fabrics. We stock supplies that are all tested to be suitable with any of our resins or other materials.

If you are not pleased with the quality of the tools your order from us, you have 30 days from order ship date to return it to us for a refund.

Secure Ordering

As a customer, you are the most valuable asset of our business, so protecting your sensitive and private information is the highest priority. Our website is secured and SSL-certified by McAfee.

Customer Focus

97% of our orders ship within 24 hours of receipt. We take on big lead times that have become common in our industry to make our products available to you today.

We never quit striving to make our customers better with the products we offer, and they return the favor. The composites industry is constantly changing, and we’re making sure we offer the best options available for our customers. You won’t find a part on our shelves that we don’t trust.

Our customers are always up to very cool and incredible projects. We love to see what our customers are up to, and share their work to inspire other makers and creators. Innovators can innovate with confidence.

We are proud to be a certified supplier by many government agencies, contractors, and big brands you trust. We look forward to earning your trust as well!

Post your next project on Instagram and be sure to use

#MadeWithFibreGlast

Leave a product review on our website.

Your feedback helps us improve!
applications. We only supply First Quality materials, never second quality, or close-outs.

consider us for your composite needs. Fibre Glast materials are suitable for aerospace, marine, military, and racing

Fibre Glast has specialized in the distribution of fiberglass and other composite materials. We are proud

Fibre Glast Developments Corporation
385 Carr Drive, Brookville, OH 45309

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