2020 Annual Catalog
First Quality Composite Materials Guaranteed

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We Help People Make Amazing Things.

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.
1K, Plain Weave Carbon Fiber Fabric
3.5 oz/oz 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.

3K, Plain Weave Carbon Fiber Fabric
5.7 oz/oz 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.

3K, 2x2 Twill Weave Carbon Fiber Fabric
5.7 oz/oz yd, 0.012” Thick, 3K, 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
19.8 oz/oz yd, 50” Wide, 0.03” Thick, 12K, 2x2 Twill Weave

This twill weave will add bulk to your laminate quickly. Due to its heavier weight and thickness, this fabric is slightly more difficult to form than lighter-weight carbon. While it’s not generally used for small, complex shapes, it is excellent for flat parts and high strength requirements. This fabric is frequently used for structural applications, offering improved economics to fabricators when compared to multiple layers of lighter fabrics.

6K, 5HS Satin Weave Carbon Fiber Fabric
10.9 oz/oz yd, 50” Wide, 0.024” Thick, 6K, 5HS Satin Weave

With twice the fiber density of the 3K types, this fabric is ideal for structural applications. 5HS stands for five harness satin weave which is produced by one warp fiber traveling over four and under one fill fiber. Because of its unique satin weave, one side of the fabric will look different than the other. Fabricators will usually invert half the plies when looking to produce a symmetrical laminate. Also, the 5HS weave allows it to work even with the most complex shapes. This fabric builds lightweight parts with virtually no flex.
### 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 values of any reinforcements 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 aerospace and racing applications where maximum single fiber strength is critical. The Intermediate Modulus 4.3 oz Unidirectional is used in architecture 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 strength for architectural applications and renovations.

#### 4.0 oz

- #2586-A 1 YD ROLL $13.95
- #2586-B 3 YD ROLL $34.95
- #2586-C 5 YD ROLL $48.95
- #2586 10+ YARDS $6.95/YD
- 25+ YARDS $26.25/YD
- 50+ YARDS $5.95/YD

#### 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 $19.95/YD
- 25+ YARDS $79.95/YD
- 50+ YARDS $15.95/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 $12.25/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 $199.95
- #2595 10+ YARDS $23.25/YD
- 25+ YARDS $26.25/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
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 prepreg 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.

- #2114-A 1 YD ROLL $44.95
- #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 $26.25/YD
- 75+ YARDS $19.95/YD
- 100+ YARDS $28.85/YD

### Carbon Fiber Veil

0.2 oz/sq yd, 35.5" Wide, 0.021" Thick

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

- #1064-A 1 YD ROLL $14.95
- #1064-B 3 YD ROLL $39.95
- #1064-C 5 YD ROLL $59.95
- #1064 10+ YARDS $9.95/YD
- 25+ YARDS $9.15/YD
- 50+ YARDS $8.95/YD
- 125+ YARDS $8.65/YD
- 500+ YARDS $7.85/YD

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Unidirectional carbon fiber fabric is a type of carbon reinforcement that is non-woven and features all fibers running in one single, parallel direction. With this style of fabric, there are no gaps between fibers, and those fibers lay flat. There is no cross-section weave that divides the fiber strength in half with another direction. This allows for the concentrated density of fibers to provide maximum longitudinal tensile potential, which is ideal when making prosthetics.
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.

24K 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.
- WARNING: Cancer Harm - www.P65Warnings.ca.gov

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.

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!

Carbon Fiber / Fabrics

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Kevlar® / Fabrics

Kevlar® 2x2 Twill Weave Fabric
5.3 oz/sq yd, 50” Wide, 0.011” Thick, 1140D, Plain Weave
This Kevlar® 49 fabric is ideal for impact-resistant applications that call for excellent specific tensile strength and minimum weight. The signature colored twill pattern makes for improved balance of properties.

5.0 oz/sq yd, 0.011” Thick, 1x17 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.

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 surfacing 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.

Kevlar® 2x2 Twill Weave Fabric
5.3 oz/sq yd, 50” Wide, 0.011” Thick, 1140D, 2x2 Twill Weave
This Kevlar® 49 fabric is ideal for impact-resistant applications ranging from 0.6” to 2.6” in diameter. The braided sleeves can be increased from their base diameter up to 30% and decreased up to 70%. This means that our 2” sleeve can be 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” 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 naturally 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.

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 a 60 days!

INDIVIDUAL SWATCHES
#4004-A $1.95 each
#531-A $1.95 each
#532-A $1.95 each
#533-A $1.95 each
#2482-A $1.95 each
#2495-A $1.95 each

4 IN
#4004-A 50 Yd Roll $225.95
#531-A 50 Yd Roll $230.45
#532-A 50 Yd Roll $236.45
#533-A 50 Yd Roll $236.45
#2482-A 50 Yd Roll $236.45
#2495-A 50 Yd Roll $236.45

3 IN
#4004-A 10 Yd Roll $225.95
#531-A 10 Yd Roll $230.45
#532-A 10 Yd Roll $236.45
#533-A 10 Yd Roll $236.45
#2482-A 10 Yd Roll $236.45
#2495-A 10 Yd Roll $236.45

2 IN
#4004-A 5 Yd Roll $225.95
#531-A 5 Yd Roll $230.45
#532-A 5 Yd Roll $236.45
#533-A 5 Yd Roll $236.45
#2482-A 5 Yd Roll $236.45
#2495-A 5 Yd Roll $236.45

1 IN
#4004-A 3 Yd Roll $225.95
#531-A 3 Yd Roll $230.45
#532-A 3 Yd Roll $236.45
#533-A 3 Yd Roll $236.45
#2482-A 3 Yd Roll $236.45
#2495-A 3 Yd Roll $236.45

1 YR ROLLS
#531-A $27.45
#532-A $29.95
#533-A $32.45
#2482-A $35.95
#2495-A $35.95

2 YR ROLLS
#531-B $49.95
#532-B $52.45
#533-B $55.45
#2482-B $62.95
#2495-B $62.95

3 YR ROLLS
#531-C $74.95
#532-C $77.45
#533-C $80.45
#2482-C $87.95
#2495-C $87.95

4 YR ROLLS
#531-D $109.95
#532-D $112.45
#533-D $115.45
#2482-D $125.95
#2495-D $125.95

5 YR ROLLS
#531-E $153.95
#532-E $156.95
#533-E $159.95
#2482-E $164.95
#2495-E $164.95

6 YR ROLLS
#531-F $197.95
#532-F $200.45
#533-F $203.45
#2482-F $209.95
#2495-F $209.95

$25 OFF COUPON INCLUDED WITH PURCHASE
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.

38” WIDE
#241-F  1 YD PKG $8.05
#241-A  3 YD PKG $18.15
#241-B   5 YD PKG $29.45
#241:  10+ YARDS $4.25/YD
25+ YARDS $3.75/YD
50+ YARDS $3.15/YD
200+ YARDS $2.55/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.

38” WIDE
#242-F  1 YD PKG $12.05
#242-A  3 YD PKG $27.45
#242-B  5 YD PKG $38.45
#242:  10+ YARDS $7.65/YD
25+ YARDS $7.25/YD
50+ YARDS $6.65/YD
125+ YARDS $5.75/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.

38” WIDE
#243-F  1 YD PKG $10.95
#243-A  3 YD PKG $24.15
#243-B   5 YD PKG $35.25
#243:  10+ YARDS $6.55/YD
25+ YARDS $6.15/YD
50+ YARDS $5.95/YD
200+ YARDS $5.75/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
#244-F  1 YD PKG $15.35
#244-A  3 YD PKG $36.25
#244-B  5 YD PKG $49.45
#244:  10+ YARDS $9.05/YD
25+ YARDS $8.55/YD
50+ YARDS $8.15/YD
200+ YARDS $7.75/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 $9.05/YD
25+ YARDS $8.55/YD
50+ YARDS $8.15/YD
125+ YARDS $7.75/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 $20.25
#254-B  3 YD PKG $54.95
#254-C  5 YD PKG $71.45
#254:  10+ YARDS $12.55/YD
25+ YARDS $12.15/YD
50+ YARDS $11.75/YD
125+ YARDS $11.35/YD
Fiberglass / Fabrics

8.7 oz/sq yd, 50” Wide, 0.0089” Thick, 8H Satin Weave
This fiberglass fabric features our 7781 E-Glass, part #543, pre-impregnated with a high strength epoxy resin system formulated for maximum flow and minimum surface porosity. This near-perfect resin content maximizes the properties of the fiberglass fabric, often chosen for aerospace and structural applications, and makes the way for repeatable, uniform parts.

4.3 oz/sq yd, 12” Wide, 0.006” Thick, 12K, 1M, Unidirectional Prepreg
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.

2.8-3.3 oz/sq yd, 38” 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.

4.0 oz/sq yd, 38” Wide, 0.01” Thick, 2x2 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.

Fiberglass 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 a 60 days!

FIBREGLAST.COM  1.800.214.8568
Stitched Biaxial (+/-45), 50" Wide

This Saertex® biaxial cloth 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.

- **50" Wide**
  - #2806-A 1 YD ROLL $12.95
  - #2806-B 3 YD ROLL $29.95
  - #2806-C 5 YD ROLL $39.95
  - 10+ YARDS $6.95/YD
  - 25+ YARDS $6.45/YD
  - 50+ YARDS $5.95/YD
  - 100+ YARDS $5.05/YD

Stitched Triaxial, 50" Wide

This Saertex® triaxial cloth is 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.

- **50" Wide**
  - #2850-A 1 YD ROLL $15.95
  - #2850-B 3 YD ROLL $43.95
  - #2850-C 5 YD ROLL $63.95
  - 10+ YARDS $11.95/YD
  - 25+ YARDS $10.95/YD
  - 50+ YARDS $9.95/YD
  - 100+ YARDS $9.25/YD
  - 500+ YARDS $8.15/YD

Stitched Unidirectional, 50" Wide

This Saertex® unidirectional cloth 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.

- **50" Wide**
  - #2902-A 1 YD ROLL $17.55
  - #2902-B 3 YD ROLL $47.25
  - #2902-C 5 YD ROLL $71.45
  - 10+ YARDS $12.85/YD
  - 25+ YARDS $11.75/YD
  - 50+ YARDS $10.65/YD
  - 100+ YARDS $9.85/YD
  - 500+ YARDS $9.25/YD

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

**FIRST QUALITY COMPOSITE MATERIALS GUARANTEED**

**Fiberglass / Fabrics**

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 a 60 days!

**SAMPLE PACK**
- #4007-A $14.95
- INDIVIDUAL SWATCHES $1.95 EACH

$25 OFF COUPON INCLUDED WITH PURCHASE
**1.5oz Chopped Strand Mat**  
1.5 oz/sq yd, 0.045” Thick  
Mat can be used alone 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>1 YD PKG</td>
<td>1 YD PKG</td>
</tr>
<tr>
<td>$14.75</td>
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</tr>
<tr>
<td>3 YD ROLL</td>
<td>3 YD ROLL</td>
</tr>
<tr>
<td>$49.95</td>
<td>$59.95</td>
</tr>
<tr>
<td>5 YD ROLL</td>
<td>5 YD ROLL</td>
</tr>
<tr>
<td>$79.95</td>
<td>$99.95</td>
</tr>
<tr>
<td>10+ YARDS</td>
<td>10+ YARDS</td>
</tr>
<tr>
<td>$8.75/ YD</td>
<td>$10.25/ YD</td>
</tr>
<tr>
<td>25+ YARDS</td>
<td>25+ YARDS</td>
</tr>
<tr>
<td>$8.75/ YD</td>
<td>$10.25/ YD</td>
</tr>
<tr>
<td>50+ YARDS</td>
<td>50+ YARDS</td>
</tr>
<tr>
<td>$8.75/ YD</td>
<td>$10.25/ YD</td>
</tr>
<tr>
<td>125+ YARDS</td>
<td>125+ YARDS</td>
</tr>
<tr>
<td>$8.75/ YD</td>
<td>$10.25/ YD</td>
</tr>
<tr>
<td>500+ YARDS</td>
<td>500+ YARDS</td>
</tr>
<tr>
<td>$8.75/ YD</td>
<td>$10.25/ YD</td>
</tr>
</tbody>
</table>

---

**18oz Woven Roving**  
18 oz/sq yd, 50” Wide, 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.

<table>
<thead>
<tr>
<th>36” WIDE</th>
<th>50” WIDE</th>
</tr>
</thead>
<tbody>
<tr>
<td>#222-A</td>
<td>#1222-A</td>
</tr>
<tr>
<td>#222-B</td>
<td>#1222-B</td>
</tr>
<tr>
<td>#222-C</td>
<td>#1222-C</td>
</tr>
<tr>
<td>#222:</td>
<td>#1222:</td>
</tr>
<tr>
<td>1 YD PKG</td>
<td>1 YD PKG</td>
</tr>
<tr>
<td>$19.95</td>
<td>$39.95</td>
</tr>
<tr>
<td>3 YD ROLL</td>
<td>3 YD ROLL</td>
</tr>
<tr>
<td>$49.95</td>
<td>$99.95</td>
</tr>
<tr>
<td>5 YD ROLL</td>
<td>5 YD ROLL</td>
</tr>
<tr>
<td>$99.95</td>
<td>$199.95</td>
</tr>
<tr>
<td>10+ YARDS</td>
<td>10+ YARDS</td>
</tr>
<tr>
<td>$9.25/ YD</td>
<td>$18.50/ YD</td>
</tr>
<tr>
<td>25+ YARDS</td>
<td>25+ YARDS</td>
</tr>
<tr>
<td>$9.25/ YD</td>
<td>$18.50/ YD</td>
</tr>
<tr>
<td>50+ YARDS</td>
<td>50+ YARDS</td>
</tr>
<tr>
<td>$9.25/ YD</td>
<td>$18.50/ YD</td>
</tr>
<tr>
<td>100+ YARDS</td>
<td>100+ YARDS</td>
</tr>
<tr>
<td>$9.25/ YD</td>
<td>$18.50/ YD</td>
</tr>
<tr>
<td>500+ YARDS</td>
<td>500+ YARDS</td>
</tr>
<tr>
<td>$9.25/ YD</td>
<td>$18.50/ YD</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>36” WIDE</th>
<th>47” WIDE</th>
</tr>
</thead>
<tbody>
<tr>
<td>#260-A</td>
<td>#1581-A</td>
</tr>
<tr>
<td>#260-B</td>
<td>#1581-B</td>
</tr>
<tr>
<td>#260-C</td>
<td>#1581-C</td>
</tr>
<tr>
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<td>#1581:</td>
</tr>
<tr>
<td>1 YD PKG</td>
<td>1 YD PKG</td>
</tr>
<tr>
<td>$4.95</td>
<td>$4.95</td>
</tr>
<tr>
<td>3 YD ROLL</td>
<td>3 YD ROLL</td>
</tr>
<tr>
<td>$13.95</td>
<td>$13.95</td>
</tr>
<tr>
<td>5 YD ROLL</td>
<td>5 YD ROLL</td>
</tr>
<tr>
<td>$19.95</td>
<td>$19.95</td>
</tr>
<tr>
<td>10+ YARDS</td>
<td>10+ YARDS</td>
</tr>
<tr>
<td>$3.90/ YD</td>
<td>$3.90/ YD</td>
</tr>
<tr>
<td>25+ YARDS</td>
<td>25+ YARDS</td>
</tr>
<tr>
<td>$3.55/ YD</td>
<td>$3.55/ YD</td>
</tr>
<tr>
<td>50+ YARDS</td>
<td>50+ YARDS</td>
</tr>
<tr>
<td>$3.25/ YD</td>
<td>$3.25/ YD</td>
</tr>
<tr>
<td>80+ YARDS</td>
<td>80+ YARDS</td>
</tr>
<tr>
<td>$2.95/ YD</td>
<td>$2.95/ YD</td>
</tr>
<tr>
<td>320+ YARDS</td>
<td>320+ YARDS</td>
</tr>
<tr>
<td>$1.15/ YD</td>
<td>$1.15/ YD</td>
</tr>
</tbody>
</table>

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**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>47” WIDE</th>
</tr>
</thead>
<tbody>
<tr>
<td>#1581-A</td>
</tr>
<tr>
<td>#1581-B</td>
</tr>
<tr>
<td>#1581-C</td>
</tr>
<tr>
<td>#1581:</td>
</tr>
<tr>
<td>1 YD PKG</td>
</tr>
<tr>
<td>$4.95</td>
</tr>
<tr>
<td>3 YD PKG</td>
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<tr>
<td>$13.95</td>
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<tr>
<td>5 YD PKG</td>
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<tr>
<td>$19.95</td>
</tr>
<tr>
<td>10+ YARDS</td>
</tr>
<tr>
<td>$3.90/ YD</td>
</tr>
<tr>
<td>25+ YARDS</td>
</tr>
<tr>
<td>$3.55/ YD</td>
</tr>
<tr>
<td>50+ YARDS</td>
</tr>
<tr>
<td>$3.25/ YD</td>
</tr>
<tr>
<td>125+ YARDS</td>
</tr>
<tr>
<td>$2.95/ YD</td>
</tr>
<tr>
<td>500+ YARDS</td>
</tr>
<tr>
<td>$1.15/ YD</td>
</tr>
</tbody>
</table>

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**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>50” WIDE</th>
</tr>
</thead>
<tbody>
<tr>
<td>#246-A</td>
</tr>
<tr>
<td>#246-B</td>
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<tr>
<td>#246-C</td>
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<tr>
<td>#246:</td>
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<tr>
<td>500+ YARDS</td>
</tr>
<tr>
<td>$2.55/ YD</td>
</tr>
</tbody>
</table>

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**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.

<table>
<thead>
<tr>
<th><strong>Size</strong></th>
<th><strong>Part Number</strong></th>
<th><strong>1 YD Roll</strong></th>
<th><strong>5 YD Roll</strong></th>
<th><strong>25 YD Roll</strong></th>
<th><strong>50 YD Roll</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>2&quot; DIA</td>
<td>#2610-A</td>
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<td>$43.95</td>
<td>$217.95</td>
<td>$435.95</td>
</tr>
<tr>
<td></td>
<td>#2610-B</td>
<td></td>
<td>$27.95</td>
<td>$137.95</td>
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<tr>
<td></td>
<td>#2610-C</td>
<td></td>
<td>$43.95</td>
<td>$229.95</td>
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<td></td>
<td>#2610</td>
<td></td>
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</tr>
</tbody>
</table>

## 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.

<table>
<thead>
<tr>
<th><strong>Part Number</strong></th>
<th><strong>Description</strong></th>
<th><strong>Price</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>#1171-A</td>
<td>CHOPPER GUN</td>
<td>$429.95</td>
</tr>
<tr>
<td>#1855-A</td>
<td>CHOPPER BLADE</td>
<td>$1.05</td>
</tr>
<tr>
<td>#1951-A</td>
<td>WHITE ANVIL ROLLER SLEEVE</td>
<td>$3.95</td>
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<tr>
<td>#1952-A</td>
<td>BLADE &quot;O&quot; RING</td>
<td>$2.45</td>
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<tr>
<td>#1953-A</td>
<td>ANVIL ROLLER ASSEMBLY</td>
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<td>#1954-A</td>
<td>FEED ROLLER</td>
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<tr>
<td>#1955-A</td>
<td>FEED ROLLER ASSEMBLY</td>
<td>$29.95</td>
</tr>
<tr>
<td>#1956-A</td>
<td>CUTTER ASSEMBLY</td>
<td>$59.95</td>
</tr>
</tbody>
</table>

## Gun Roving

Available in 50-Pound Rolls

This versatile roving chops cleanly and wets rapidly and completely. 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.

<table>
<thead>
<tr>
<th><strong>Size</strong></th>
<th><strong>Part Number</strong></th>
<th><strong>10 YD Roll</strong></th>
<th><strong>50 YD Roll</strong></th>
<th><strong>100 YD Roll</strong></th>
</tr>
</thead>
<tbody>
<tr>
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<td>#217-A</td>
<td>$9.95</td>
<td>$24.95</td>
<td>$59.95</td>
</tr>
<tr>
<td></td>
<td>#217-B</td>
<td></td>
<td>$21.95</td>
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<tr>
<td></td>
<td>#217-C</td>
<td></td>
<td>$19.95</td>
<td>$49.95</td>
</tr>
</tbody>
</table>

## 4" Fiberglass Mat Tape

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 or other fiberglass fabrics. Their plain weave construction builds in conformance, rolls out easily, and can be used in many different composite parts.

<table>
<thead>
<tr>
<th><strong>Size</strong></th>
<th><strong>Part Number</strong></th>
<th><strong>10 YD Roll</strong></th>
<th><strong>50 YD Roll</strong></th>
<th><strong>100 YD Roll</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>4&quot;</td>
<td>#492-A</td>
<td></td>
<td></td>
<td>$20.95</td>
</tr>
<tr>
<td></td>
<td>#492-B</td>
<td></td>
<td></td>
<td>$28.95</td>
</tr>
<tr>
<td></td>
<td>#492-C</td>
<td></td>
<td></td>
<td>$35.95</td>
</tr>
</tbody>
</table>

## 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.

<table>
<thead>
<tr>
<th><strong>Size</strong></th>
<th><strong>Part Number</strong></th>
<th><strong>10 YD Roll</strong></th>
<th><strong>50 YD Roll</strong></th>
<th><strong>100 YD Roll</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>1&quot;</td>
<td>#1171-A</td>
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<td>$8.95</td>
</tr>
<tr>
<td></td>
<td>#1171-B</td>
<td></td>
<td></td>
<td>$24.95</td>
</tr>
</tbody>
</table>

## 25+ Yards

- **$5.45/YD**
- **$26.95**
- **$27.95**
- **$10.95**
- **$59.95**
- **$26.95**
- **$12.95**
- **$49.95**
- **$2.45**
- **$5.95**
- **$1.05**

## 10+ Yards

- **$43.95**
- **$27.95**
- **$10.95**
- **$49.95**
- **$2.45**
- **$5.95**

## 5 Yd Roll

- **$27.95**
- **$10.95**
- **$49.95**
- **$2.45**

## 3 Yd Roll

- **$18.95**
- **$18.95**

## 1 Yd Roll

- **$18.45**
- **$18.45**

## 100+ Rolls

- **$54.95**
- **$565.95**
- **$156.95**

## 50+ Rolls

- **$43.95**
- **$265.95**
- **$66.95**

## 25+ Rolls

- **$27.95**
- **$126.95**
- **$33.95**

## 10+ Rolls

- **$10.95**
- **$49.95**
- **$2.45**

## 4+ Rolls

- **$51.65**
- **$178.65**
- **$5.95**

## 50 Yd Roll

- **$43.95**
- **$1,534.45**
- **$565.95**
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 brush-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 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.

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.

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.

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.

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.

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 oven 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.

System 1000 Laminating Epoxy Resin

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.

System 2000 Laminating Epoxy Resin

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 methylene dianiline (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.

System 3000 High Temperature Epoxy Resin

Best for High Temp Parts

#3000/3120 combine to make our System 3000 High Temp Industrial Epoxy Kit. This kit is engineered to create composite components that will operate in intermediate/high temperature service environments, up to 309°F. It easily wets-out reinforcing fabric for stable fabrications. With the capability to post cure off of the tooling, you can use room temperature tooling for lower fabrication costs. Post-cured, this unfilled, amber epoxy laminating resin offers maximum stability in service applications involving frequent heating and cooling cycles. This epoxy system does not contain methylene dianiline (MDA), or any other potentially harmful aniline derivatives.

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

System 3300 High Temperature Tooling Epoxy Resin

Use for High Temp Tooling

For high performance, high temperature composite tooling that will provide excellent long term service in high temp curing cycle environments, use this High Temp Tooling Epoxy. When post-cured, this unfilled, amber epoxy laminating resin system offers maximum stability in service applications involving frequent heating and cooling cycles. #3350/3330 High Temp Tooling Epoxy wets-out tooling fabrics readily.

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

System 4500 Infusion Epoxy Resin

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.

System 4600 High Temperature Infusion Epoxy Resin

Hi-Temp and Low Viscosity Infusion Epoxy

Our System 4600 Hi-Temp Infusion Epoxy is an excellent option for composite tooling that requires higher service temperatures. This low viscosity epoxy system has found good acceptance for use in vacuum infusion fabrication and tooling processes. The low mixed viscosity of this system allows it to penetrate the reinforcing materials easily and completely, producing a void-free, dense composite component and making it an ideal selection for molds and tooling. System 4600 has excellent “hot strength”, so cured parts or tooling fabricated with it can provide good service in elevated temperature operating conditions up to 300°F.

Due to market volatility in epoxies, pricing is available on our website.
**Polyester Molding Resin**

General Purpose Resin for Part/Mold Fabrication

#77 Molding Resin is ideal as a orthophthalic fiberglass resin for general purpose part fabrication and for building low cost molds. It features an internal thickening agent which results in a high thixotropic index. This prevents drainage when applied to vertical surfaces, yet this polyester resin retains the low viscosity required for rapid wet out. #77 Polyester Resin is easy to work with, and since it is wax free, you don’t have to sand between coats. Formulated for 1.25% MEKP. **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov

- #77-F QUART (2 LBS) $32.95
- #77-A GALLON (4 LBS) $65.95
- #77-B 5 GALLON (40 LBS) $239.95
- 4-5 GALLON PAILS $234.95/5 GAL
- 10-5 GALLON PAILS $224.95/5 GAL
- DRUM (550 LBS) $1,754.95

- #77/69-F QUART W/ HARDENER $34.95
- #77/69-A GALLON W/ HARDENER $69.95
- #77/69-AK 4 GALLON W/ HARDENER $259.95

**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.

- #4100-A QUART (2.75 LBS) $54.95
- #4100-B GALLON (11 LBS) $169.95
- #4100/264-A QUART W/ WHITE BPO HARDENER $62.95
- #4100/264-B GALLON W/ WHITE BPO HARDENER $174.95

**Lightweight Polyester Cosmetic Filler**

High Quality No-Shrink Surface Filler

Lightweight Polyester Cosmetic Filler is a versatile, creamy paste designed to fill, seal, repair, and finish surface damage on composite materials. When applied, it quickly forms an exceptionally rigid and strong surface which can easily be sanded to a feather edge. It will not shrink, sag, or pin-hole after curing, and it can accept virtually any paint or finish without any special surface preparation. After 15-20 minutes, it can be sanded to final finish. **WARNING:** This product can expose you to chemicals including Styrene & 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.

- #4116-A QUART (3 LBS) $44.95
- #4116-B GALLON (12 LBS) $199.95
- #4116/264-A QUART W/ WHITE BPO HARDENER $42.95
- #4116/264-B GALLON W/ WHITE BPO HARDENER $144.95

**BPO Hardener**

Easy-Blend Cream Hardener

White BPO and Black BPO are cream hardeners for use with the #4110 Polyester Fairing Compound and #4116 Lightweight Polyester Fairing Compound. Our kits ship with white hardener, but you can select Black for use as a mix indicator. All hardeners are easy to use and offer effective rapid reactions.

- #264-A WHITE BPO, 1 oz TUBE $4.25
- #264-B BLACK BPO, 1 oz TUBE $10.45
- #265-A BLACK BPO, 4 oz TUBE $4.25
- #265-B BLACK BPO, 8 oz TUBE $10.45

**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:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov

- #1110-F QUART (2 LBS) $37.95
- #1110-A GALLON (10 LBS) $70.95
- #1110-B 5 GALLON (40 LBS) $309.95
- 4-5 GALLON PAILS $284.95/5 GAL
- 10-5 GALLON PAILS $274.95/5 GAL
- DRUM (550 LBS) $2,229.95

- #1110/69-F QUART W/ HARDENER $39.95
- #1110/69-A GALLON W/ HARDENER $74.95
- #1110/69-AK 4 GALLON W/ HARDENER $299.95

**Food Safe**

Title 21 CFR 177.2420 for repeated use in contact with food subject to user’s compliance with the prescribed limitations of that regulation.
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 coats—approximately one to two tablespoons for every pint of resin. ▲WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

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

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% MEKP ▲WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

#180-A QUART (2 LBS) $46.95
#180-B GALLON (8 LBS) $104.95
#180-C 4 GALLON (32 LBS) $384.95

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

#682-0A QUART (2 LBS) $44.95
#682-0B GALLON (8 LBS) $99.95
#682-0C 5 GALLON (40 LBS) $369.95
#682-0DRUM DRUM (650 LBS) $2,999.95

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) $44.95
#684-B GALLON (8 LBS) $99.95
#684-C 5 GALLON (40 LBS) $369.95
#684-0DRUM DRUM (650 LBS) $2,999.95

#684-69-A QUART W/ HARDENER $46.95
#684-69-B GALLON W/ HARDENER $104.95
#684-69-BK 4 GAL W/ HARDENER $384.95

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
#186/69-A QUART W/ HARDENER $56.95
#186/69-B GALLON W/ HARDENER $179.95
#186/69-C 4 GAL W/ HARDENER $604.95

Black
#186/69-A QUART W/ HARDENER $56.95
#186/69-B GALLON W/ HARDENER $179.95
#186/69-C 4 GAL W/ HARDENER $604.95

Styrene Thinner
General Purpose Styrene
#70 Styrene Thinner is primarily used to thin polyester and vinyl ester resin and gel coat before use. We recommends adding styrene at no more than 5% by volume, in order to maintain the physical properties of the resin or gel coat. ▲WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

#70-0A QUART (2 LBS) $24.95
#70-B GALLON (7.5 LBS) $49.95

Tooling Gel Coat
Get a Complete Cure for Polyester Resins
#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 (11 LBS) $57.95
#69-C CASE (4 GAL) $179.95

MEKP Hardener
Industry Standard Catalyst
#684/69-BK

#684/69-B

#684/69-A

#684-0DRUM

#684-C

#684-B

#684-A

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 coats—approximately one to two tablespoons for every pint of resin. ▲WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

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#71-C GALLON (7 LBS) $109.95

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#684-C 5 GALLON (40 LBS) $369.95
#684-0DRUM DRUM (650 LBS) $2,999.95

#684-69-A QUART W/ HARDENER $46.95
#684-69-B GALLON W/ HARDENER $104.95
#684-69-BK 4 GAL W/ HARDENER $384.95

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
#186/69-A QUART W/ HARDENER $56.95
#186/69-B GALLON W/ HARDENER $179.95
#186/69-C 4 GAL W/ HARDENER $604.95

Black
#186/69-A QUART W/ HARDENER $56.95
#186/69-B GALLON W/ HARDENER $179.95
#186/69-C 4 GAL W/ HARDENER $604.95

1.800.214.8568          FIBREGLAST.COM
**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) $284.95
- #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

**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.

- #320-A 1/2 GALLON (1.5 LBS) $16.95
- #320-B CARTON (8 LBS) $39.95
- #320-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

**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 past easy to spread evenly.

- #22-A 1/2 GALLON (4 QZ) $11.95
- #22-B CARTON (13 LBS) $89.95
- #22-C CARTON (60 LBS) $119.95

**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 in the ration 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) $12.95
- #23-B CARTON (7 LBS) $152.95
- #23-C CARTON (16 LBS) $319.95
- #23-A BAG (30 LBS) $575.95

**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 (18 LBS) $14.95
- #1131-C BOX (50 LBS) $44.95

**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 (2 LBS) $19.95
- #30-B CARTON (8 LBS) $49.95
- #30-C BOX (50 LBS) $169.95
- #30-A BAG (100 LBS) $699.95

**1/32" Chopped Glass Fibers**

**connect with us!**
### Polyester/Epoxy Pigments

Opaque Pigments for Parts or Repairs

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 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

### Glitterflake

**Catch the Light with Metallic Edge**

Glitterflake is commonly used to repair damaged bass boats or to make any project stand out from the crowd. Flakes are 0.015” metallized polyester and are recommended for use with our #180 Gel Coat—a clear marine gel coat with excellent weathering properties and a high gloss suited to enhance the metallic glitter. Get best results with Glitterflake by using it as one of three standard layers in lamination. For finished parts, these include:

- 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**

<table>
<thead>
<tr>
<th>COVERAGE</th>
<th>COLOR GEL COAT</th>
<th>CLEAR GEL COAT</th>
<th>GLITTERFLAKE</th>
<th>CLEAR GEL COAT</th>
</tr>
</thead>
<tbody>
<tr>
<td>20 sq/ft</td>
<td>1 Quart (2 lbs)</td>
<td>1 Quart (1 lb)</td>
<td>1.6 ounces</td>
<td>1/2 Pint (0.5 lbs)</td>
</tr>
<tr>
<td>80 sq/ft</td>
<td>1 Gallon (8 lbs)</td>
<td>2 Quarts (4 lbs)</td>
<td>6.4 ounces</td>
<td>1 Quart (2 lbs)</td>
</tr>
<tr>
<td>400 sq/ft</td>
<td>5 Gallons (40 lbs)</td>
<td>2 Gallons (16 lbs)</td>
<td>25.6 ounces</td>
<td>1.5 Gallons (12 lbs)</td>
</tr>
</tbody>
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**BASE COLOR LAYER**

- 15-20 Mils

**GLITTERFLAKE LAYER**

- 10 Mils

**CLEAR SURFACE LAYER**

- 5+ Mils

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- 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.

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.

### Non-Skid Rubber Additive

**Durable non-skid additive for Gel Coats**

The Fibre Glast Non-Skid Rubber Particles are ideal for creating a durable, safe, non-skid surface to any gel coated or painted surface, such as a boat deck or patio. It is also ideal for skate or surf board surfaces, sporting equipment handles, and much more. Rubber particles form a more comfortable and durable non-skid surface than silica sand, and create a lasting texture that can withstand extreme traffic. Available in two particle sizes, our fine grit is ideal for surfaces in contact with bare feet or hands where the medium grit is perfect for surfaces where footwear is worn.

For fast and easy application, particles can be mixed directly into gel coat before application and applied with a roller, spray or brush (2 or 2.5 mm or larger nozzle), or brush in single or multiple layers. For a more controlled, denser texture, particles can be broadcast onto wet gel coat until refusal, and protected with an additional layer of gel coat.

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...

Read the full article in our Learning Center!

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. Replacement Parts Available.

- Pressure Required: 60-100 psi
- Compressor required: 5 HP
- Air Consumption: 5.8 CFM at 80 psi
- Air Cnnection 1/4” TPR
- Dry Weight: 2.0 lbs

#120-A $199.95

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
- Fill Capacity: 33 ounces

#126-A $139.95

1 Liter High-Pressure Gel Coat Spray Gun

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

#134-A 1L HIGH PRESSURE SPRAY GUN $169.95

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

#230-A 1L GRAVITY-FED HVLP SPRAY GUN $219.95
#230-A REBUILD KIT $34.95

Preval Sprayer


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 SOLD SEPARATELY.

#232-A PREVAL POWER UNIT $6.95
10+ POWER UNITS $6.75/EA
50+ POWER UNITS $6.45/EA

#2323-A PREVAL SPRAY KIT $14.95
10+ SPRAY KITS $13.75/EA
50+ SPRAY KITS $12.45/EA

#2324-A PREVAL SPRAYER V-GRIP KIT $18.95
10+ V-GRIP KITS $17.75/EA
50+ V-GRIP KITS $16.50/EA

#2327-A PREVAL SPRAYER VALUE PACK $39.95
10+ VALUE PACKS $37.75/EA
50+ VALUE PACKS $35.95/EA
Duratec® Gray Surfacing Primer
Spray on Styrofoam™ to Create a Plug
Duratec® Gray Surfacing Primer is a polyester primer that is meant to be applied directly to polystyrene foam (also known as Styrofoam™). StyroShield contains microspheres that, when cured, insulate and protect polystyrene foam from the chemicals in polyester-based laminating resins, gel coat, and other Duratec products. With StyroShield, low-cost polystyrene 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 asbestiform fibers, which are known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

- **#1042-A** Gallon $144.95
- **#1042-B** Case (4 Gal) $499.95

Duratec® Gray Vinyl Ester Primer
Ultimate Barrier Coat For Corrosion And Marine Applications
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.

- **#1040-A** Gallon $195.95
- **#1040-B** Gallon (11.10 lbs) $189.95
- **#1046-A** Case (4 Gallons) $839.95

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.

- **#2306-A** Gallon $84.95
- **#2306-B** Case (5 Gal) $299.95

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 polystyrene foam (also known as Styrofoam™). StyroShield contains microspheres that, when cured, insulate and protect polystyrene foam from the chemicals in polyester-based laminating resins, gel coat, and other Duratec products. With StyroShield, low-cost polystyrene 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 asbestiform fibers, which are known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

- **#1046-A** Gallon $144.95
- **#1046-B** Case (4 Gal) $499.95

Duratec® Sunshield Clear Topcoat
High Gloss Clear Topcoat for Epoxy Parts
Duratec® Sunshield Clear Topcoat is polyester topcoat that offers you excellent gloss levels and UV stability. **#1045** is compatible with epoxy, vinyl ester and polyester resins. It offers a durable surface and has great scratch resistance. Sunshield offers excellent anti-yellowing, making it a perfect coating for epoxy or vinyl ester parts. It offers a fast build for a smooth, pit-free surface, reducing cycle time and labor. **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.

- **#1045-A** Gallon $170.95
- **#1045-AK** Case (4 Gal) $648.95
- **#1045-BA** Case (16 Gal) $1,749.95

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.

- **#1049-A** Quart $59.95
- **#1049-B** Case (8 Qt) $319.95
- **#1040-B** Gallon $144.95
- **#1040-C** Case (4 Gal) $499.95

- **4+ CASES** $424.95 EA
- **10+ CASES** $398.95 EA

Duratec® Gray Surfacng 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.

- **#1041-A** Quart $58.95
- **#1041-AK** Case (4 Qt) $299.95
- **#1041-B** Gallon $139.95
- **#1041-C** Case (4 Gal) $454.95

Duratec® Sunshield Clear Topcoat
High Gloss Clear Top Coat for Epoxy Parts
Duratec® Sunshield Clear Topcoat is polyester topcoat that offers you excellent gloss levels and UV stability. **#1045** is compatible with epoxy, vinyl ester and polyester resins. It offers a durable surface and has great scratch resistance. Sunshield offers excellent anti-yellowing, making it a perfect coating for epoxy or vinyl ester parts. It offers a fast build for a smooth, pit-free surface, reducing cycle time and labor. **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.

- **#1045-A** Gallon $170.95
- **#1045-AK** Case (4 Gal) $648.95
- **#1045-BA** Case (16 Gal) $1,749.95

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.

- **#2306-A** Gallon $84.95
- **#2306-B** Case (5 Gal) $299.95
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.

**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.

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**Instint® 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 Instint® 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.

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**Custom Color Gel Coat**

Premium Gel Coat with over 900 Color Options

Our Custom Color Gel Coats feature either our #682 White or #684 Neutral Gel Coats as a base. Color Gel Coat is designed to be used in mold to produce UV resistant, blister resistant, high quality parts when laying up polyester or vinyl ester parts. #682 and #684 are both isophthalic Polyester Gel Coats and are compatible with a wide variety of projects, including underwater, and marine applications. Requires 1.5% MEKP.

WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

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ChromaGlast™ Premium Paint For Fiberglass And Composites

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

*TO SEE ALL AVAILABLE COLORS PLEASE VISIT OUR WEBSITE OR RENT OUR #4008-A RAL COLOR BOOK OR #5040-A CHROMAGLAST™ COLOR BOOK
ChromaGlast™ High Solids Primer Surfacer & Sealer

Dual-Purpose Undercoating System

ChromaGlast™ High Solids Primer Surfacer is a dual-purpose undercoating system that can be used as a Primer Surfacer for rougher 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 specially-designed 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, 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 $189.95
- #5060/5061-C 2 GALLON KIT $599.95

GRAY KITS
- #5062/5061-B 1/2 GALLON KIT $189.95
- #5062/5061-C 2 GALLON KIT $599.95

BLACK KITS
- #5064/5061-B 1/2 GALLON KIT $189.95
- #5064/5061-C 2 GALLON KIT $599.95

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 1/4 quart of paint, simply use one bottle of hardener, or otherwise a 3:1 ratio for any quantity.

#5027 A CHROMAGLAST™ PAINT HARDENER (8 OZ) $37.95

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) $10.95

ChromaGlast™ Gray Epoxy Primer Sealer

Compatible with ChromaGlast™ Products

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.

#5052/5053-B QUART KIT $98.05
#5052/5053-C GALLON KIT $349.95

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)
Track Maximum, Minimum, Average and Differential Temperatures

Our infrared thermometer is perfect for monitoring the temperature of your composite part during the cure and post cure processes. Insufficient temperatures during these processes can lengthen the cure times needed, as well as hinder the overall performance qualities of your part. This infrared thermometer is ideal for measuring the surface temperature of the substrate or mold that you’re working on. In autoclave and oven cured laminates, it is vital to track the temperature of your part, not the temperature of the oven. The infrared thermal allows you to track those temperatures accurately and safely. Infrared thermometers can also measure the temperature of your resins and gel coats.

#3804-A $158.95 INFRARED THERMOMETER

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 effect 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%.

#3808-A PINLESS MOISTURE METER $ 19.95

Measure The Surface Area of Your Composite Project

Our Laser Distance Meter can measure up to 148 feet (45 meters) and has the ability to calculate area and volume simultaneously. It is ideal for projects which require a large area to be measured easily and accurately, such as wind blades, deck surfaces and fiberglass tanks. This measuring tool was designed for one handed operation and features a large backlit multi-line LCD display for easy viewing. It’s built-in Area and Volume formulas will aid in calculating your composite project needs. The Laser Distance Meter will also retain the last 10 maximum and minimum readings in its memory. Our Laser Distance Meter 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.

#3811-A LASER DISTANCE METER $ 54.95
#3812-A LASER DISTANCE METER W/ NIST CERTIFICATION $ 329.95

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 $ 19.95
#3801-A STEM THERMOMETER W/ NIST CERTIFICATION $ 164.95

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.

Our infrared thermometer is perfect for monitoring the temperature of your composite part during the cure and post cure processes. Insufficient temperatures during these processes can lengthen the cure times needed, as well as hinder the overall performance qualities of your part. This infrared thermometer is ideal for measuring the surface temperature of the substrate or mold that you’re working on. In autoclave and oven cured laminates, it is vital to track the temperature of your part, not the temperature of the oven. The infrared thermal allows you to track those temperatures accurately and safely. Infrared thermometers can also measure the temperature of your resins and gel coats.
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 $139.95
#3810-A DATALOGGER W/ NIST CERTIFICATION $419.95

Digital Psychrometer/Thermo-Hygrometer
Fast and Accurate Humidity and Air Temperature Readings
This Digital Psychrometer/Thermo-Hygrometer provides simultaneous relative humidity and air temperature readings, as well as automatically calculating wet bulb and dew point temperature. Monitoring and controlling the relative humidity and air temperature is vital during the lamination process of any composite material. Most resin manufacturers do not recommend open-mold lamination if the RH exceeds 70%. If the humidity is too high, it may result in improper cure of your finished composite part. Fiber Glast does not recommend the use of our polyester resins below 55°F and our System 2000 Epoxy requires a minimum of 77°F, so measuring ambient air temperature during the laminating process is also critical. The Digital Psychrometer/Thermo-Hygrometer is also available with NIST certification.

#3809-A DIGITAL PSYCHROMETER / THERMO-HYGROMETER $94.95
#3807-A DIGITAL PSYCHROMETER / THERMO-HYGROMETER $379.95
W/ NIST CERTIFICATION

Ultrasonic 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.

#3819-A ULTRASONIC LEAK DETECTOR $99.95

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.

#3813-A VIDEO INSPECTION CAMERA - RECORDABLE $156.95

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.

#122-A GEL COAT THICKNESS GAUGE $10.75

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.

#3817-A DIGITAL CALIPER $69.95
#3816-A DIGITAL CALIPER W/ NIST CERTIFICATION $159.95
- **Nylon Bagging Film**
  - Polyethylene Bagging Film
    - Tube Format for Easy Use in Room Temperature Applications
      - Our Polyethylene Bagging Film is an economical way to make quick and easy vacuum bags when making composite parts. This bagging film is produced in a tube format so you can easily slide your part in and seal both ends.

- **Breather And Bleeder Cloth**
  - Binder-Free, Conforms Closely to Contours of Part
    - This high fill non-woven polyester will easily drape and conform closely to the contours of your part. It does not contain any binders which could close off air flow within the mold, and it will readily soak up excess resin. Use the 4 oz. format (#579) for applications working under 40 psi. The 7 oz. format (#1779) can be used at higher pressure cycles (between 40 and 85 psi), and provides a lower amount of surface porosity.

- **Nylon Bagging Film**
  - Above 300°F
    - High Temp, High Pressure, High Performance
      - This Nylon Bagging Film is formulated to be less affected by moisture content in the air, so it resists getting dry and brittle. When stored and used properly, it remains soft and conformable to your composite part, and decreases the likelihood of troublesome wrinkles and pinholes in your bagging set-up. This Nylon Bagging Film can be used with epoxy, polyester, or vinyl ester resin.

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### Stretchlon® 200 Bagging Film
- High Stretch Conforms to Nearly Any Shape
- Stretchlon® 200 is a thin bagging film that stretches up to 500% of its original length. It’s designed to stretch over multiple contours and compress deep into every area within a mold, even corners, reducing the need for pleats. While it will conform to autolocative pressures, it’s not suited for temperatures over 250°F. For use with higher temperatures, consider Stretchlon® 800. Stretchlon® 200 is a registered trademark of Airtech International.

- **#3577**
  - 24" WIDE
    - #3577-A 1 YD ROLL $4.95
    - #3577-B 3 YD ROLL $13.95
    - #3577-C 5 YD ROLL $19.95
    - #3577 10+ YARDS $3.95/YD
    - 25+ YARDS $3.55/YD
    - 50+ YARDS $3.25/YD
    - 100+ YARDS $2.95/YD
    - 200+ YARDS $2.65/YD

### Stretchlon® 800 Bagging Film
- Suited for High-Temp Applications up to 400°F
- Stretchlon® 800 bagging film stretches up to 450% of its original length. It’s designed to cover multiple contours and compress all the areas of your mold, even for more complex shapes. For even greater stretch in your bagging film, consider Stretchlon® 200. #1678/#1778. Stretchlon® 800 is slightly thicker than its counterpart, but offers higher temp usage. Stretchlon® 800 is a registered trademark of Airtech International.

- **#3579**
  - 60" WIDE
    - #3579-A 1 YD ROLL $6.95
    - #3579-B 3 YD ROLL $19.95
    - #3579-C 5 YD ROLL $29.95
    - #3579 10+ YARDS $5.75/YD
    - 25+ YARDS $5.25/YD
    - 50+ YARDS $4.75/YD
    - 100+ YARDS $4.25/YD
    - 200+ YARDS $3.85/YD

### Stretchlon® 800 Bagging Film
- Suited for High-Temp Applications up to 400°F
- Stretchlon® 800 bagging film stretches up to 450% of its original length. It’s designed to cover multiple contours and compress all the areas of your mold, even for more complex shapes. For even greater stretch in your bagging film, consider Stretchlon® 200. #1678/#1778. Stretchlon® 800 is slightly thicker than its counterpart, but offers higher temp usage. Stretchlon® 800 is a registered trademark of Airtech International.

- **#3578**
  - 48" WIDE
    - #3578-A 1 YD ROLL $4.95
    - #3578-B 3 YD ROLL $13.95
    - #3578-C 5 YD ROLL $19.95
    - #3578 10+ YARDS $3.95/YD
    - 25+ YARDS $3.55/YD
    - 50+ YARDS $3.25/YD
    - 100+ YARDS $2.95/YD
    - 200+ YARDS $2.65/YD

### Breather And Bleeder Cloth
- Binder-Free, Conforms Closely to Contours of Part
- This high fill non-woven polyester will easily drape and conform closely to the contours of your part. It does not contain any binders which could close off air flow within the mold, and it will readily soak up excess resin. Use the 4 oz. format (#579) for applications working under 40 psi. The 7 oz. format (#1779) can be used at higher pressure cycles (between 40 and 85 psi), and provides a lower amount of surface porosity.

- **#579**
  - 24" WIDE
    - #579-A 1 YD ROLL $7.95
    - #579-B 3 YD ROLL $18.95
    - #579-C 5 YD ROLL $29.95
    - #579 10+ YARDS $5.75/YD
    - 25+ YARDS $5.25/YD
    - 50+ YARDS $4.75/YD
    - 100+ YARDS $4.25/YD
    - 200+ YARDS $3.85/YD

### Nylon Bagging Film Below 300°F
- Particulary Soft and Pliable, Won’t Dry Out
- When stored and used properly, this Nylon Bagging Film is extremely conformable to the contours of your part, which decreases the likelihood of troublesome wrinkles and pinholes in your bagging system. This film is 0.002" thick and is suitable for use with temperatures below 300°F, and can be used in a variety of styles. For the 60" Tube format, please see our part number #1785. This Nylon Bagging Film can be used with epoxy, polyester, or vinyl ester resin.

- **#1783**
  - 50" WIDE
    - #1783-A 1 YD ROLL $12.95
    - #1783-B 3 YD ROLL $24.95
    - #1783-C 5 YD ROLL $48.95
    - #1783 10+ YARDS $4.45/YD
    - 25+ YARDS $4.20/YD
    - 50+ YARDS $3.95/YD
    - 100+ YARDS $3.70/YD

### Nylon Bagging Film Above 300°F
- Particulary Soft and Pliable, Won’t Dry Out
- When stored and used properly, this Nylon Bagging Film is extremely conformable to the contours of your part, which decreases the likelihood of troublesome wrinkles and pinholes in your bagging system. This film is 0.002" thick and is suitable for use with temperatures below 300°F, and can be used in a variety of styles. For the 60" Tube format, please see our part number #1785. This Nylon Bagging Film can be used with epoxy, polyester, or vinyl ester resin.

- **#1786**
  - 60" WIDE
    - #1786-A 1 YD ROLL $12.95
    - #1786-B 3 YD ROLL $24.95
    - #1786-C 5 YD ROLL $48.95
    - #1786 10+ YARDS $4.45/YD
    - 25+ YARDS $4.20/YD
    - 50+ YARDS $3.95/YD
    - 100+ YARDS $3.70/YD
    - 167+ YARDS $3.55/YD
**High Temperature Release Film**

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. They are also 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-Perc**
  - 1 YD Roll
  - 3 YD Roll
  - 5 YD Roll
  - 10+ Yards
  - 25+ Yards
  - 50+ Yards
  - 100+ Yards
  - $10.85/YD
  - $12.35/YD
  - $14.05/YD

- **60" Wide - Perforated**
  - 1 YD Roll
  - 3 YD Roll
  - 5 YD Roll
  - 10+ Yards
  - 25+ Yards
  - 50+ Yards
  - 100+ Yards
  - $17.95/YD
  - $19.95/YD
  - $21.95/YD

**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, 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**
  - 1 YD PKG
  - 5 YD PKG
  - 25+ YARDS
  - 100+ YARDS
  - $13.95/YD
  - $14.35/YD
  - $14.85/YD

**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 in lay-up, 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**
  - 1 YD PKG
  - 5 YD PKG
  - 25+ YARDS
  - 100+ YARDS
  - $14.45
  - $18.95

**Low Temperature Release Film**

High Gloss Film, With or Without Perforations

Available perforated or 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 - Non-Perf**
  - 1 YD Roll
  - 3 YD Roll
  - 5 YD Roll
  - 10+ Yards
  - 25+ Yards
  - 50+ Yards
  - 100+ Yards
  - $14.35/YD
  - $18.50/YD
  - $20.50/YD

- **60" Wide - Perf**
  - 1 YD Roll
  - 3 YD Roll
  - 5 YD Roll
  - 10+ Yards
  - 25+ Yards
  - 50+ Yards
  - 100+ Yards
  - $19.95/YD
  - $22.95/YD
  - $25.95/YD

**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 adhesives normally encountered in composite fabrication.

- **50" Wide - Porous**
  - 1 YD Roll
  - 5 YD Roll
  - 10+ Yards
  - 25+ Yards
  - 50+ Yards
  - 100+ Yards
  - $11.60/YD
  - $13.20/YD

**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 parts.

- **60" Wide**
  - 1 YD PKG
  - 5 YD PKG
  - 25+ YARDS
  - 100+ YARDS
  - $14.45
  - $10.75/YD

**Films & Peel Pies / Vacuum Bagging**

connect with us!

FIBREGLAST.COM 1.800.214.8568
**Enka® Fusion Nylon Flow Media**

8.7 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.

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**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.

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**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.

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**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.

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**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”.

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**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 a 60 days.

<table>
<thead>
<tr>
<th>SAMPLE PACK</th>
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<td>INDIVIDUAL SWATCHES</td>
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**FIBREGLAST.COM** 1.800.214.8568
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.

Spiral Tubing
Extend Lines or Vacuum Bagging and Infusion

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.

Enka® Fusion Filter Jacket
Create Fast-Moving Channels for Resin Infusion

Increase the productivity of your resin infusion process with Enka® Fusion Filter Jacket. This 4" wide mat has a unique flow media that permits a wider path for resin dispersion over the entire feeder surface, resulting in more even resin dispersion. This filter jacket features three-dimensional “V” shaped nylon mat core encased in a thermally bonded, nonwoven polyester sock. Enka® Fusion Filter Jacket is a registered trademark of Low & Bonar PLC.

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. Resin traps come complete with 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 to...

Read the full article in our Learning Center!
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” 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.

VACUUM GENERATOR

#1149-A $139.95

High Efficiency Vacuum Generator

#2229-A $139.95
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 Through Vacuum Connector or other vacuum bagging components to reduce the use of hose clamps and/or permit the installation of Quick Disconnects.

#2224-A BRASS BALL VALVE $21.95  #909-A TWO-WAY $16.95 SHUTOFF VALVE

Small Regulator/Filter

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.

#2215-A SMALL REGULATOR/FILTER $129.95

Brass/Plastic Barb Fittings

Fast, Reliable Connections

Barb Fittings create a tight, reliable seal when used with our #893 Vacuum Tubing in vacuum bagging and resin infusion applications. They can be threaded into the #910-A Thru-Bag Vacuum Connector or other vacuum bagging components to reduce the use of hose clamps. Both fittings feature a 1/2" threaded diameter on one end, with a 1/4" barb on the opposite. 

WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

#2220-A BRASS BARB FITTING $4.95  #901-A PLASTIC BARB FITTING $1.05

Quick Disconnect & Nipples

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, #899-A T-Attachment Assembly, #902-A Bleed-off Valve Assembly or a combination of male to male connections.

2219-A SCREW-ON DISCONNECT $18.95  10+ DISCONNECTS $18.95 EA

#2222-A MALE QUICKCHANGE STEEL NIPPLE $4.05  10+ NIPPLES $3.85 EA

#2223-A FEMALE QUICKCHANGE STEEL NIPPLE $4.95  10+ NIPPLES $4.75 EA

Vacuum Gauge

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.

#896-A VACUUM GAUGE $24.95 EA

Thru-Bag Vacuum Connector

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.

#910-A THRU-BAG VACUUM CONNECTOR W/ QUICK CHANGE CONNECTOR $39.95 EA

#915-A THRU-BAG VACUUM CONNECTOR W/ HOSE BARB CONNECTOR $39.95 EA

Vacuum Bagging Starter Kit

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 BARB FITTING 4+ BARB FITTINGS $4.95 EA

#909-A TWO-WAY $16.95 SHUTOFF VALVE

#901-A PLASTIC BARB FITTING 4+ BARB FITTINGS $1.05 EA

2219-A SCREW-ON DISCONNECT 10+ DISCONNECTS $18.95 EA

2222-A STEEL NIPPLE 10+ NIPPLES $4.05 EA

2223-A STEEL NIPPLE 10+ NIPPLES $4.95 EA

VACUUM GAUGE #896-A $24.95 EA

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.

#2226-A MALE TO MALE FITTING $4.95 EA

1.800.214.8568  FIBREGLAST.COM
**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

4+ FITTINGS $3.25
10+ FITTINGS $2.75 EA

**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).

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

**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

**Bleedoff Valve Assembly**

Introduce Vacuum Relief

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

#902-A BLEEDOFF VALVE ASSEMBLY $59.95

**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 (#898-A). The barbed fittings allow easy and leak-free connection of our 1/2" Vacuum Tubing.

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

**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 #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

**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 $1.65 EA
100+ CLAMPS $1.55 EA

**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
51+ FEET $1.35 PER FOOT

**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 $3.75 EA
25+ ROLLS $3.55 EA
100+ ROLLS $3.30 EA
**Flash Tape**

Secure Materials within Vacuum Bag Lay-Ups

This multipurpose polyester tape is used within the bag 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.

<table>
<thead>
<tr>
<th>Size</th>
<th>1 ROLL</th>
<th>11+ ROLLS</th>
<th>25+ ROLLS</th>
<th>50+ ROLLS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1&quot; WIDE</td>
<td>$18.95</td>
<td>$16.95/Roll</td>
<td>$15.35/Roll</td>
<td>$13.95/Roll</td>
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<tr>
<td>2&quot; WIDE</td>
<td>$39.95</td>
<td>$35.95/Roll</td>
<td>$32.35/Roll</td>
<td>$29.95/Roll</td>
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</table>

**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.

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Width</th>
<th>Price Per Roll</th>
</tr>
</thead>
<tbody>
<tr>
<td>#581-A</td>
<td>1 ROLL</td>
<td>10 YDS</td>
<td>$10.95</td>
</tr>
<tr>
<td>#581-B</td>
<td>CASE (40 ROLLS)</td>
<td>9+ CASES</td>
<td>$29.95/ROLL</td>
</tr>
</tbody>
</table>

**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.

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Price Per Roll</th>
</tr>
</thead>
<tbody>
<tr>
<td>#1605-A</td>
<td>FLOW REGULATOR</td>
<td>$2.95</td>
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<tr>
<td>20+ REGULATORS</td>
<td>$1.75 EA</td>
<td></td>
</tr>
<tr>
<td>100+ REGULATORS</td>
<td>$1.50 EA</td>
<td></td>
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</tbody>
</table>

**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.

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Price Per Roll</th>
</tr>
</thead>
<tbody>
<tr>
<td>#1501-A</td>
<td>HOSE CUTTER</td>
<td>$3.55</td>
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<tr>
<td>10+ CUTTERS</td>
<td>$2.95 EA</td>
<td></td>
</tr>
<tr>
<td>25+ CUTTERS</td>
<td>$2.65 EA</td>
<td></td>
</tr>
<tr>
<td>100+ CUTTERS</td>
<td>$2.15 EA</td>
<td></td>
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</table>

**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.

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>#1504-A</td>
<td>STETHOSCOPE</td>
<td>$16.95</td>
</tr>
</tbody>
</table>

**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 a 60 days!

<table>
<thead>
<tr>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAMPLE PACK</td>
<td>$14.95</td>
</tr>
<tr>
<td>INDIVIDUAL SWATCHES</td>
<td>$1.95 EACH</td>
</tr>
</tbody>
</table>

**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.

<table>
<thead>
<tr>
<th>Width</th>
<th>1 ROLL</th>
<th>11+ ROLLS</th>
<th>25+ ROLLS</th>
<th>50+ ROLLS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.25&quot; WIDE</td>
<td>$30.95</td>
<td>$27.95/Roll</td>
<td>$25.95/Roll</td>
<td>$23.95/Roll</td>
</tr>
<tr>
<td>2.25&quot; WIDE</td>
<td>$74.95</td>
<td>$67.95/Roll</td>
<td>$62.95/Roll</td>
<td>$57.95/Roll</td>
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</table>

**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.

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<tr>
<th>Item</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>#1404-A</td>
<td>CAN (16.75 OZ)</td>
<td>$29.95</td>
</tr>
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</table>
### Sandwich Core & Foam / Vacuum Bagging

#### 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 are used with permission.

<table>
<thead>
<tr>
<th>Item</th>
<th>Size</th>
<th>Density</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>#1562-A</td>
<td>3/4” x 4 ft x 2 ft (set of 3)</td>
<td>1.8 lb.</td>
<td>$64.95</td>
</tr>
<tr>
<td>#1562-B</td>
<td>1” x 4 ft x 2 ft (set of 3)</td>
<td>1.8 lb.</td>
<td>$69.95</td>
</tr>
<tr>
<td>#1562-C</td>
<td>1 1/2” x 4 ft x 2 ft (set of 3)</td>
<td>3.0 lb.</td>
<td>$99.95</td>
</tr>
<tr>
<td>#2562-C</td>
<td>2” x 4 ft x 2 ft (set of 3)</td>
<td>3.0 lb.</td>
<td>$109.95</td>
</tr>
</tbody>
</table>

#### 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.

<table>
<thead>
<tr>
<th>Item</th>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>#229-A</td>
<td>3/8” x 4 ft x 2 ft (set of 3)</td>
<td>$23.95</td>
</tr>
<tr>
<td>#230-A</td>
<td>1” x 4 ft x 2 ft (set of 3)</td>
<td>$25.95</td>
</tr>
<tr>
<td>#231-A</td>
<td>3/4” x 4 ft x 2 ft (set of 3)</td>
<td>$27.95</td>
</tr>
</tbody>
</table>

#### 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 a 60 days!

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<tr>
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<tbody>
<tr>
<td>SAMPLE PACK</td>
<td>$19.95</td>
</tr>
<tr>
<td>INDIVIDUAL SWATCHES</td>
<td>$1.95 EACH</td>
</tr>
</tbody>
</table>

#### 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 (#624/625), 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.

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<thead>
<tr>
<th>Item</th>
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<th>Price</th>
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<tbody>
<tr>
<td>#444-C</td>
<td>3/4” x 4 ft x 2 ft (set of 3)</td>
<td>$164.95</td>
</tr>
<tr>
<td>#441-C</td>
<td>1” x 4 ft x 2 ft (set of 3)</td>
<td>$169.95</td>
</tr>
<tr>
<td>#442-C</td>
<td>1 1/2” x 4 ft x 2 ft (set of 3)</td>
<td>$189.95</td>
</tr>
<tr>
<td>#443-C</td>
<td>2” x 4 ft x 2 ft (set of 3)</td>
<td>$209.95</td>
</tr>
</tbody>
</table>

#### 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 (#624/625), 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.

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<tr>
<td>#446-C</td>
<td>3/4” x 4 ft x 2 ft (set of 4)</td>
<td>$199.95</td>
</tr>
<tr>
<td>#444-D</td>
<td>1” x 4 ft x 2 ft (set of 4)</td>
<td>$217.95</td>
</tr>
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#### End Grain Balsa

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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.

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<td>#231-A</td>
<td>$25.95</td>
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<td>INDIVIDUAL SWATCHES</td>
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</table>

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

FIBREGLAST.COM 1.800.214.8568
2 lb. Polyurethane Mix & Pour Foam
Fill Cavities for Flooding 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.

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 193 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, 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 foam strikes 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.

5 lb. Divinycell®: Vinyl Foam Sheets
Highest-Strength Sandwich Core, Form with Heat

Looking to make a strong composite part? DIAB closed cell vinyl foam is an ideal sandwich core where ultimate laminate strength is critical. With compressive strength over 200 psi, the 5 lb./cubic foot foam offers more strength to a laminate than other lightweight core materials, like honeycomb, while adding only slightly more weight. Because it is still significantly lighter than other traditional options, 5 lb. foam is used extensively in high-strength structural building, aerospace, and design applications.
Chavant AutoStyle Industrial Design Clay

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)
$20.95
$369.95

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 Y2-Klay Industrial Design Clay

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)
$15.95
$295.95

Chavant Monu-Melt Hard Design Clay

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)
$14.95
$265.95
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 $10.95
#1120-B 40 BLS (CASE OF 20 - 2 LB BLOCKS) $199.95

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 $10.95
#1121-B 40 BLS (CASE OF 20 - 2 LB BLOCKS) $199.95

Glyptic Clay Modeling Tools - Monumental
Variety of Shapes for Professional Clay Modeling
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. Made for crafting larger scale models or plugs, the Monumental set is proportioned to work larger areas than finer detail tools. Handles are approximately 8” in length, with removable loops that fit in each handle. This modeling tool set features wider, sharp blades for large curves and shapes that might appear in full scale models. The loops are serrated on one side for faster shaping, and smooth on the other. The handle is 8” long and the steel loops are approximately 4” wide.

Includes: • Handle • Isosceles triangle loop (MLT1) • Teardrop loop (MLT2) • Sharkfin loop (MLT3) • Right triangle loop (MLT4) • Oblong loop (MLT5).

#1126-A GLYPHTIC CLAY MODELING TOOL SET $129.95

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 GLYPHTIC SET STANDARD CLAY TOOLS $199.95

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” (P51) Cutting & Shaping Wire - 1” (B52) Cutting & Shaping Wire - 1-3/4” (F18) Finisher Blade • 0.010” x 7” (SE) Tempered Steel.

#1125-A INDUSTRIAL DESIGN CLAY TOOL STARTER SET $329.95
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
www.P65Warnings.ca.gov

Pour tough, flexible parts and molds with Urethane Casting Resin - 75 Shore D.

Fast Set Tooling/Prototyping Urethane Kit
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 cure in 30 to 40 minutes and can be put into service within a day.

#4113-A Gallon Kit $189.95
#4113-B 4+ GAL $229.95 EA

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 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.

#2333-B PLASTIC STIRRER FOR URETHANES $0.95 EA

Urethane Casting Resin - 60 Shore D
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).

60 SHORE
#3460-A QUART KIT $114.95
#3460-B GALLON KIT $229.95

#3340-B
#3340-A
40 SHORE
3-4 times the mold life.

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 casting resin system 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.

#3460-A
#3460-B
60 SHORE

#3475-B
#3475-A
75 SHORE

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 be hazardous to the state of California to cause Birth Defects or other Reproductive Harm. For more information go to www.P65Warnings.ca.gov.

#4120-A QUART $29.95
#4120-B CASE (6 QUARTS) $169.95
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.

Wedges

Molding Wedges are rigid in nature, the pink are slightly more flexible. So as to not damage the mold or the part. White wedges are more rigid around the perimeter of the mold, particularly for larger parts—one wedge at the perimeter, especially. Wedges are made of soft polyethylene, will not do the job. Each wedge should be tapped, in turn, as you progress around the mold. Wedges are inserted into the mold. Wedges are inserted at the perimeter, especially for large pieces from medium-to-large parts from Fiberglass molds. Wedges to help remove or separate stubborn parts.

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.

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.

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, glossy 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 Preval Sprayer. PVA can also be sprayed over any polyester repair to provide an airless tack-free cure.

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.

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.

Air Injected Wedge

Use Air to Carefully Separate Stubborn Parts Standard wedges can only reach a few inches into the mold, but with the Air Injected Wedge you can reach a distance of up to 12” with air pressure where it is needed most. This heavy duty poly-pro wedge is designed for extra long life.

Fibrelease®

For Effortless, One-Step Release of Parts Save time, effort, materials, and money with Fibrelease®. With just one quick misting onto the mold surface, you’ll get multiple releases with proven results. No wax is involved. Fibrelease® 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 Fibrelease® keep this in mind: Always start with a Class “A” polished mold surface. WARNING: This product 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

Fibrelast®

Non-Silicone High-Temperature Paste Wax

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1.800.214.8568 FIBREGLAST.COM
**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.

**Buffing Pads**

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.

**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.

**Meguiar’s Machine Glaze**

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.

**3M™ WETORDRY™ Sponge Pad**

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.

**3M™ WETORDRY™ Sandpaper**

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.

**Hard Rubber Sanding Block**

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 shing of the plug or finish sanding of the clear gel coat on a cosmetic repair.
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 $7.55
10+ LARGE LAB COATS $6.95 EA
#550-A XLARGE - DISPOSABLE LAB COAT $7.55
10+ XLARGE LAB COATS $6.95 EA
#551-A XXLARGE - DISPOSABLE LAB COAT $7.55
10+ XXLARGE LAB COATS $6.95 EA

Disposable Lab Coat

Disposable Pants

Slide-on, Slide-off Protection

Keep the chemicals and dust off. Disposable Pants offer protection for your lower half that holds out nearly everything from dust to lead paint. Elastic waistbands make them easy to take on and off as your tasks change. They’re lightweight, breathable, and resist rips and puncture. Keep several pair on-hand—simply put them in the trash when the project’s done.

#552-A LARGE - DISPOSABLE PANTS $6.45
10+ LARGE PANTS $5.85 EA
25+ LARGE PANTS $5.35 EA
#553-A XLARGE - DISPOSABLE PANTS $6.45
10+ XLARGE PANTS $5.85 EA
25+ XLARGE PANTS $5.35 EA

Disposable Pants

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.

#556-A DISPOSABLE BOOT COVER $3.15
10+ BOOT COVERS $2.95 EA
25+ BOOT COVERS $2.75 EA
100+ BOOT COVERS $2.45 EA

Disposable Boot Covers

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.

#554-A XLARGE - DISPOSABLE BODY SUIT $10.75
10+ XLARGE BODY SUITS $10.25 EA
25+ XLARGE BODY SUITS $9.65 EA
100+ XLARGE BODY SUITS $9.15 EA
#556-A XXLARGE - DISPOSABLE BODY SUIT $10.75
10+ XXLARGE BODY SUITS $10.25 EA
25+ XXLARGE BODY SUITS $9.65 EA
100+ XXLARGE BODY SUITS $9.15 EA

Disposable Body Suit

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

Two Strap Dust & Mist Mask

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 $99.95
#351-A PREFILTER RETAINERS (PACK OF 2) $6.45
#352-A PREFILTERS (PACK OF 2) $6.45
#354-A CARTRIDGES (PACK OF 2) $18.95
#355-A COMBINATION CARTRIDGE $44.95

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.

#1740-A COMMERCIAL ELECTRIC CUTTER $139.95
#1741-A REPLACEMENT BLADE $39.95
#1742-A REPLACEMENT BLADE W/ SHOE $39.95
#1743-A BATTERY $49.95
#1744-A CHARGING BASE $49.95
#1745-A CORD ADAPTER $29.95
#1746-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

Ginger® Featherweights are a great all around scissor 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.

#936-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 composite 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 Tablet Top

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" $19.95
10+ 12" X 18" CUTTING MATS $17.95 EA

#1708-A CUTTING MAT 24" X 36" $59.95
10+ 24" X 36" CUTTING MATS $51.55 EA

#1710-A CUTTING MAT 36" X 70" (3 PIECES) $224.95
10+ 36" X 70" (3 PIECES) CUTTING MATS $199.95 EA

OLFA® Ruler 6" X 24"

Easy to Read for Accurate Measurements

This durable ruler features a frosted acrylic construction, making it easy to read on both light and dark surfaces. With grid lines and markings in 1/8" increments and angle measurements for every 15 degrees, this handy ruler is much more than a simple straight edge. Use this ruler with a fabric marker to lay out your cuts, or with a rotary cutter to make your cuts.

#1724-A OLFA® RULER 6" X 24" $29.95
10+ RULERS $26.95 EA

Exact Yardage Tape

Non-Adhesive, Easy Measure for Yards of Fabric

Our Exact Yardage Tape provides an easy way to measure out your reinforcement fabrics in 1/8th yard increments. Simply roll this tape simultaneously with your fabric to calibrate your counter or to get a perfect yardage measurement. 100 yards per roll.

#1730-A EXACT YARDAGE TAPE $1.95
10+ TAPES $1.75 EA
25+ TAPES $1.55 EA
100+ TAPES $1.30 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

#1706-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. Rotary blade locks quickly into safety position for storage. Rotary cutters offer smooth, clean cuts when used with dry or prepreg reinforcement fabrics.

#1707-A OLFA® ROTARY CIRCLE CUTTER $31.95

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+ PILOT® SILVER MARKERS $6.75 EA
25+ PILOT® SILVER MARKERS $6.55 EA
100+ PILOT® SILVER MARKERS $6.35 EA

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

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+ TAPES $14.45 EA
25+ TAPES $13.95 EA
100+ TAPES $12.95 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 DRITZ® FRAY CHECK (3/4 0Z BOTTLE) $8.95
6+ BOTTLES $8.75 EA
10+ BOTTLES $8.50 EA
25+ BOTTLES $8.35 EA

FIBREGLAST.COM 1.800.214.8568
Three Roll Fabric Rack

Convenient for the Fabricator Workshop

This mid-size rack is capable of holding up to three rolls, with each bar able to hold up to 150 pounds. It accommodates 60” wide materials and is predrilled to accept Fabric Rack Casters (#1721, sold separately), for easy movement.

Dimensions: Width: 74” - Height (without rolls): 40-1/2” - Depth: 42”

#1719-A THREE ROLL FABRIC RACK $599.95
5+ FABRIC RACKS $549.95 EA
10+ FABRIC RACKS $529.95 EA
25+ FABRIC RACKS $499.95 EA

Four Roll Fabric Rack

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.

#2214-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

Six Roll Fabric Rack

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”

#2720-A SIX ROLL FABRIC RACK $849.95
5+ FABRIC RACKS $854.95 EA
10+ FABRIC RACKS $824.95 EA
25+ FABRIC RACKS $794.95 EA

Fabric Rack Casters (Set of 4)

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

Same Day Shipping

For orders placed before 2:30pm EST

1.800.214.8568 FIBREGLAST.COM
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

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

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.

Over the past fifty years, Fibre Glast 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

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® 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 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

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 attachments have proven to maintain their edge without breakage. 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

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

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.fibrelast.com/product/composite-laminate-cutting

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).

#1910-A 7 PIECE KIT $115.95
#1901-A 3/4” CUTTING WHEEL $14.95
5+ CUTTING WHEELS $32.95 EA
10+ CUTTING WHEELS $30.95 EA
#1902-A 1-1/4” CUTTING WHEEL $16.95
5+ CUTTING WHEELS $13.95 EA
10+ CUTTING WHEELS $13.35 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 11” X 2” $39.95
5+ SQUARE BLOCKS $29.95 EA
#1907-A PERMA-GRIT® COARSE CONTOUR BLOCK $29.95
5+ COURSE 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

Perma-Grit® / Laminate Cutting

1.800.214.8568  FIBREGLAST.COM
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.

- #129-A 1/2" DIA X 3" WIDE ROLLER $17.25
- 25+ ROLLERS $16.65 EA
- 10+ ROLLERS $16.15 EA
- 5+ ROLLERS $15.65 EA
- 2" DIA X 6" WIDE ALUMINUM BARREL ROLLER $21.05
- 5+ ROLLERS $20.45 EA
- 10+ ROLLERS $19.85 EA
- 100+ ROLLERS $19.35 EA
- #367-A 1/4" DIA X 1-1/2" WIDE ROLLER $9.45
- 25+ ROLLERS $8.95 EA
- 10+ ROLLERS $8.45 EA
- 5+ ROLLERS $8.05 EA
- #541-A 1/2" DIA X 3" WIDE ROLLER $7.55
- 25+ ROLLERS $6.95 EA
- 10+ ROLLERS $6.45 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" DIA X 1-1/2" WIDE ROLLER $11.05
  10+ ROLLERS $10.25 EA
  25+ ROLLERS $9.75 EA
- #765-A 1/4" DIA X 1" WIDE ROLLER $10.25
  10+ ROLLERS $9.55 EA
  25+ ROLLERS $9.05 EA
- #766-A 1/4" DIA X 2" WIDE ROLLER $10.75
  10+ ROLLERS $10.05 EA
  25+ ROLLERS $9.55 EA
- #767-A 1/4" DIA X 3" WIDE ROLLER $11.25
  10+ ROLLERS $10.55 EA
  25+ ROLLERS $10.05 EA

Thin Fin Mini Roller
Eliminate Air in the Tight Spots

These all-metal rollers are made to last and small enough to go where other rollers cannot. Slotted paddle fins are rigid to eliminate air bubbles in tight areas, particularly for unidirectional fabrics.

- #367-A 1/4" DIA X 1-1/2" WIDE ROLLER $9.45
  25+ ROLLERS $8.95 EA
  10+ ROLLERS $8.45 EA
  5+ ROLLERS $8.05 EA
- #414-A 1" DIA X 2" WIDE BARREL ROLLER $15.05
  25+ ROLLERS $14.55 EA
  10+ ROLLERS $14.05 EA
  5+ ROLLERS $13.55 EA
- #416-A 1" DIA X 2" WIDE ALUMINUM BARREL ROLLER $18.35
  25+ ROLLERS $17.75 EA
  10+ ROLLERS $17.25 EA
  5+ ROLLERS $16.75 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.

- #940-A ALUMINUM SLOTTED PADDLE ROLLER $16.15
  25+ ROLLERS $15.65 EA
  10+ ROLLERS $15.15 EA
- #1151-A 1" DIA X 1-1/2" WIDE PLASTIC BARREL ROLLER $12.35
  25+ ROLLERS $11.85 EA
  10+ ROLLERS $11.35 EA
- #411-A 1/2" DIA X 3" WIDE ROLLER $11.85
  10+ ROLLERS $11.25 EA
  25+ ROLLERS $10.75 EA
- #412-A 1" DIA X 3" WIDE ROLLER $12.35
  10+ ROLLERS $11.85 EA
  25+ ROLLERS $11.35 EA
- #413-A 1" DIA X 6" WIDE ROLLER $16.15
  10+ ROLLERS $15.65 EA
  25+ ROLLERS $15.15 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. All three sizes feature thin, parallel fins with deep grooves.

- #541-A 1/2" DIA X 3" WIDE ROLLER $7.55
  25+ ROLLERS $6.95 EA
  10+ ROLLERS $6.35 EA
- #542-A 1" DIA X 3" WIDE ROLLER $7.55
  25+ ROLLERS $6.95 EA
  10+ ROLLERS $6.35 EA

Slotted Paddle Mini Roller
Reaches Where Other Rollers Cannot

This all-metal roller is made to last and small enough to go where other rollers cannot. Slotted paddle fins are rigid to eliminate air in tight areas, particularly for unidirectional fabrics.

- #368-A SLOTTED PADDLE MINI ROLLER $10.50
  10+ ROLLERS $9.90 EA
  25+ ROLLERS $9.50 EA
  100+ ROLLERS $9.15 EA
- #413-A 1" DIAMETER X 6" WIDE ROLLER $10.75
  25+ ROLLERS $10.25 EA
  10+ ROLLERS $10.05 EA
  100+ ROLLERS $9.75 EA

Barrel Rollers
Countoured 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.

- #411-A 1/2" DIA X 1-1/2" WIDE ROLLER $11.05
  10+ ROLLERS $10.45 EA
  25+ ROLLERS $10.05 EA
- #412-A 1" DIA X 1-1/2" WIDE PLASTIC BARREL ROLLER $14.55
  25+ ROLLERS $14.05 EA
  10+ ROLLERS $13.55 EA
- #413-A 1" DIA X 6" WIDE ROLLER $15.05
  25+ ROLLERS $14.55 EA
  10+ ROLLERS $14.05 EA
  100+ ROLLERS $13.65 EA
- #414-A 1" DIA X 1-1/2" WIDE ALUMINUM ROLLER $11.85
  25+ ROLLERS $11.45 EA
  10+ ROLLERS $11.05 EA
  100+ ROLLERS $10.65 EA
- #416-A 1" DIA X 2" WIDE ALUMINUM ROLLER $17.25
  25+ ROLLERS $16.75 EA
  10+ ROLLERS $16.25 EA
  100+ ROLLERS $15.85 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" DIA X 3" WIDE ROLLER $11.85
  25+ ROLLERS $11.25 EA
  10+ ROLLERS $10.75 EA
- #412-A 1" DIA X 3" WIDE ROLLER $12.35
  25+ ROLLERS $11.85 EA
  10+ ROLLERS $11.35 EA
- #413-A 1" DIA X 6" WIDE ROLLER $16.15
  25+ ROLLERS $15.65 EA
  10+ ROLLERS $15.15 EA

Rollers & Sleeves / Resin Applicators

FIBREGLAST.COM 1.800.214.8568
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
4" ROLLER SLEEVE $8.55
10+ SLEEVES $8.05 EA
25+ SLEEVES $7.55 EA

#2240-A
4" ROLLER SLEEVE $8.05
10+ SLEEVES $7.55 EA
25+ SLEEVES $7.05 EA

#2241-A
9" ROLLER SLEEVE $16.15
10+ SLEEVES $15.65 EA
25+ SLEEVES $15.05 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 $8.55
10+ SLEEVES $8.05 EA
25+ SLEEVES $7.55 EA

#2243-A
4" ROLLER SLEEVE $8.05
10+ SLEEVES $7.55 EA
25+ SLEEVES $7.05 EA

#2244-A
9" ROLLER SLEEVE $16.15
10+ SLEEVES $15.65 EA
25+ SLEEVES $15.05 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 $8.55
10+ SLEEVES $8.05 EA
25+ SLEEVES $7.55 EA

#2246-A
4" ROLLER SLEEVE $8.05
10+ SLEEVES $7.55 EA
25+ SLEEVES $7.05 EA

#2247-A
9" ROLLER SLEEVE $16.15
10+ SLEEVES $15.65 EA
25+ SLEEVES $15.05 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 easy to clean.

#2236-A
4" ROLLER SLEEVE $8.55
10+ SLEEVES $8.05 EA
25+ SLEEVES $7.55 EA

#2237-A
4" ROLLER SLEEVE $8.05
10+ SLEEVES $7.55 EA
25+ SLEEVES $7.05 EA

#2238-A
9" ROLLER SLEEVE $16.15
10+ SLEEVES $15.65 EA
25+ SLEEVES $15.05 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
4" ROLLER SLEEVE $8.55
10+ SLEEVES $8.05 EA
25+ SLEEVES $7.55 EA

#2240-A
4" ROLLER SLEEVE $8.05
10+ SLEEVES $7.55 EA
25+ SLEEVES $7.05 EA

#2241-A
9" ROLLER SLEEVE $16.15
10+ SLEEVES $15.65 EA
25+ SLEEVES $15.05 EA

Polyester & Mohair Roller Covers

Tough Enough to Handle Resins and Cleaners

Will your paint roller stand up to resin? Because a dissolving skinner can’t work on resin like a dissolving skinner. Polyester & Mohair roller sleeves are available 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

#2947-A
7" WIDE ROLLER 3/16" NAP SMOOTH MOHAIR

#2999-A
9" WIDE ROLLER 3/16" NAP MOHAIR

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 $2.15
10+ ROLLER CAGES $1.85 EA
25+ ROLLER CAGES $1.65 EA

#2234-A
7" WIDE QUICK CHANGE ROLLER CAGE $3.15
10+ ROLLER CAGES $2.95 EA
25+ ROLLER CAGES $2.75 EA

#2235-A
9" WIDE QUICK CHANGE ROLLER CAGE $4.25
10+ ROLLER CAGES $3.45 EA
25+ ROLLER CAGES $3.05 EA

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 skin coats and mold construction. 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 for larger laminations. Aluminum construction makes them easy to clean.

#1105-A
1" DIAMETER X 3" WIDE ROLLER $13.95
10+ ROLLERS $13.45 EA
25+ ROLLERS $12.95 EA
100+ ROLLERS $12.35 EA

#2247-A
4" WIDE ROLLER $2.15
10+ ROLLER $1.75/EA
25+ ROLLER $1.55/EA
100+ ROLLER $1.35/EA

#2248-A
4" ROLLER SLEEVE $8.55
10+ SLEEVES $8.05 EA
25+ SLEEVES $7.55 EA

#2249-A
7" ROLLER SLEEVE $12.95
10+ SLEEVES $12.35 EA
25+ SLEEVES $11.85 EA

#2250-A
7" ROLLER SLEEVE $12.05
10+ ROLLER $11.65 EA
25+ ROLLER $11.15 EA

PROFESSIONAL GRADE ALUMINUM ROLLER SLEEVES
China Bristle Brushes

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
  - 25+ BRUSHES: $0.95
  - 100+ BRUSHES: $0.75 EA
- #32-A 2" BRISTLE BRUSH
  - 25+ BRUSHES: $1.25 EA
  - 100+ BRUSHES: $1.05 EA
- #31-A 1-1/2" BRISTLE BRUSH
  - 25+ BRUSHES: $1.05
  - 100+ BRUSHES: $0.85 EA

Polyester Finish Brushes

Professional Finishing Brush - Styrene Resistant

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
  - 25+ BRUSHES: $5.35
  - 100+ BRUSHES: $4.40 EA
- #2674-A 2" POLYESTER BRUSH
  - 25+ BRUSHES: $5.45 EA
  - 100+ BRUSHES: $4.95 EA

Acid Brushes

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
- #2331-A CUT BRISTLE BRUSH - 2" WIDE
  - $2.95

Paint Can Opener

Simple and Handy

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

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

Squeegees

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
  - 24+ SQUEEGEES: $0.90
  - 151+ SQUEEGEES: $0.80 EA
- #362-A 3" X 5" PLASTIC SQUEEGEE - PLIABLE
  - 24+ SQUEEGEES: $0.90 EA
  - 151+ SQUEEGEES: $0.80 EA
- #62-A 3" X 6" PLASTIC SQUEEGEE - PLIABLE
  - 24+ SQUEEGEES: $0.95 EA
  - 100+ SQUEEGEES: $0.70 EA
- #1108-A 3" X 6" RUBBER SQUEEGEE
  - 6+ SQUEEGEES: $6.45
  - 24+ SQUEEGEES: $5.85 EA
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 $16.15

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
#598-A QUART MIXING SET $8.55

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.
#965-A 1 PINT PAPER C(SLEEVE OF 25) $13.95
#965-C 1 PINT PAPER C(SLEEVE OF 500) $23.75
#965-B 1 PINT PAPER BOX OF 500 $211.65
#965-D 1 PINT PAPER CASE OF 1000 $410.35
#510-A 1 PINT PLASTIC C(SLEEVE OF 25) $8.05
#510-B 1 PINT PLASTIC CASE OF 500 $107.95

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 $43.15

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: (6) 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
#599-A GALLON MIXING SET $16.15

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

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, (8) 3” Brushes, (6) 2” Brushes, (6) Squeegees, and (50) Pairs of Gloves.
#593-A 5 GALLON STARTER KIT $59.35

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.
#951-A 5 GALLON MIXING SET $37.75

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 TUBS - CARTON OF 100 $410.35
#12-A 5-PINT PAPER MIXING TUB EACH $3.15
#12-B 5-PINT PAPER 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.
#951-A GALLON PLASTIC MIXING TUBS $4.25
#951-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 just the right amount into graduated containers when trying to volume-match mixed solutions: one tool, one pour.

- **MEKP Dispensers**
  Safe, Accurate, Easy Dispense of MEKP
  MEKP should be handled with the utmost care—and these unique, graduated bottles are designed for that just. Once the catalyst has been poured into the holding container, simply squeeze until the upper vial reaches your 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.

- **MEKP Caps**
  Accurate Measurement, Safe Dispense
  Perfect for screwing onto our 1oz MEKP bottles! These caps eliminate messy pouring, allow measurement by drops, and can be capped for storage.

- **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.

- **Mixing Sticks & Paddles**
  Keep a Handy Around the Shop
  Mixing Sticks and Paddles are an easy and effective way to mix resins and gel coat.

- **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.

- **Polypropylene 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 match—in advance of adding catalyst for lamination. They’re available in 8-, 16-, and 32-ounce varieties. **Quantity Discounts Available.**

- **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.

- **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.

- **Graduated and Solvent-Proof to Suit Needs**
  Mix and measure in one, easy-view cup. Measures in both milliliters (cc) and fluid ounces.

- **90z Graduated Cups**
  Graduated and Solvent-Proof for General Use
  Mix and measure in one, easy-view cup. Measures in both milliliters (cc) and fluid ounces.
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 13lbs 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) $8.95
#9-B GALLON (3.8 LBS) $19.95
#9-C 5 GALLON PAIL (13.5 LBS) $99.95

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/ NEEDE $3.15
#107-B 30 ML SYRINGE W/0 NEEDLE BOX OF 30 $53.95
#109-A 30 ML SYRINGE NEEDLES $0.35
#109-B 30 ML SYRINGE NEEDLES BOX OF 100 $25.85
#2270-A 60 ML SYRINGE, CATHETER TIP $4.25
#2270-C 60 ML SYRINGE, CATHETER TIP BOX OF 400 $102.95

Wypall® X60 Paper Wipes

Industrial Strength Paper Wipes

Wypall® X60 Paper Wipes are stronger and more absorbent than ordinary shop paper towels.

#2405-A WYPALL® X60 PAPER WIPES $21.95
10+ BONES $19.45 EA
25+ BONES $18.95 EA

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.

#2409-A WYPALL® X60 PAPER WIPES $25.95
10+ CONTAINERS $23.95 EA
25+ CONTAINERS $21.95 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 $9.85

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.

#135-A 4 OZ. FUNNEL $2.95
#138-A 32 OZ. FUNNEL $8.55
5+ FUNNELS $2.30 EA
10+ FUNNELS $2.15 EA

#187-A 10 OZ. FUNNEL $4.85
5+ FUNNELS $4.20 EA
10+ FUNNELS $3.85 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

Flexible Stainless Steel Rulers

A Workshop Necessity

These are very flexible high quality stainless steel rulers that can be used to layout your project on the foam before you start cutting. These rulers can also be used to measure curved surfaces and they have raised edges to eliminate ink blots or smearing. The rulers are graduated with 16ths, 32nds, and metric surfaces and they have raised edges to eliminate ink blots or smearing. These rulers can also be used to measure curved surfaces and they have raised edges to eliminate ink blots or smearing. The rulers are graduated with 16ths, 32nds, and metric.

#105-B 12” RULER $10.75
5+ RULERS $10.25 EA
10+ RULERS $9.65 EA

#122-A 36” RULER $26.95
5+ RULERS $25.65 EA
10+ RULERS $24.75 EA

#1221-A 24” RULER $21.55
5+ RULERS $20.45 EA
10+ RULERS $19.85 EA

#2122-A 36” RULER $24.75 EA
10+ RULERS $23.85 EA
5+ RULERS $22.85 EA

Flexible Stainless Steel Rulers

Industry 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+ BONES $19.45 EA
25+ BONES $18.95 EA

Flexible Stainless Steel Rulers

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#2409-A WYPALL® X60 PAPER WIPES $25.95
10+ CONTAINERS $23.95 EA
25+ CONTAINERS $21.95 EA
Watch & Learn: The Complete How-To for Composites
With decades of experience in the composites industry, we’ve learned a thing or two that we can pass along. So join us in the workshop as we take a look at materials, fabricate composites, and walk you through techniques, step-by-step. From start to finish, this five-part series can be a reference for the fabricator for many years to come. Videos include: The Basics of Fiberglass, Advanced Mold-Making and Plug Construction Vacuum Bagging and Sandwich Core Construction, The Art of Moldless Construction. Fibre Glast Developments; 2 DVDs, 190 total minutes

#1227-A THE COMPLETE FIBERGLASS AND COMPOSITE LIBRARY [DVD] $99.95

Everything You Need to Know about Composites!
Composite Basics Seven provides a detailed, inside look at the science behind composite fabrication, from selecting materials to designing structures. Topics include: fabrics and resin; core materials and how to work with them; molding methods and tooling; adhesives and bonding; calculating and testing stress and load for your project.
The text includes multiple graphs and illustrations, as well as an extensive appendix, for reference.

#918-A COMPOSITE BASICS, SEVENTH EDITION $39.95

Take Composites Knowledge One Step Further
Part of the Composite Garage Series, Fabrication Handbook #2 is written for those who want to enhance the quality and performance of their composite projects. Learn what it takes to truly optimize a composite lamination for high-performance use. Basic mold making is covered in this book to help fabricators produce effective mold systems from a variety of molding materials. Several advanced molding techniques are demonstrated in-depth, including compression molding, vacuum bagging, trapped-rubber insert molding, pre-pregs, inflatable bladder molding, and resin transfer molding techniques. In the spirit of Composites Fabrication Handbook #1, this book presents each subject in a hands-on, practical way. Creating useful composite parts requires a good design, a topic that is discussed at length in this book. The methods illustrated here lend themselves to both motorcycle and automotive builders and customizers. The construction of these parts is documented in step-by-step fashion with an abundance of photographs.

#1036-A COMPOSITE MATERIALS FABRICATION HANDBOOK #2 $27.95

We Help People Make Amazing Things.

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Policies & Guarantees:

Payment Methods
Visa, MasterCard, Discover, and American Express are the accepted credit cards. Net 30 terms are available to U.S. corporate clients. Prepayments by check should be made by certified bank check. Orders paid by other types of checks will not be shipped for a minimum of 10 days, upon receipt of check. Wire transfers incur a $50.00 bank handling fee in addition to any charges assessed by your bank. Purchase orders specifying other terms must be approved in writing by an officer at Fibre Glast Developments Corporation.

Product Guarantees
All products except Vinyl Ester Resin are guaranteed to have a six-month shelf life from date of purchase when stored in unopened containers and at ambient temperatures. Vinyl Ester Resin has only a three-month guarantee.

Product Certifications
Material certifications can be issued to our spec under the following two conditions: If requested when ordering, there is a $5.00 charge per certification for all orders under $500.00. If requested after the product has shipped, there is a $25.00 charge per certification regardless of order size. If retroactive certifications are requested more than 3 months after the product has shipped, there will be a $25.00 charge for each additional month.

Returns
Notify customer service for instructions and authorization. Customer is responsible for all outbound shipping charges resulting from items ordered in error. Items can only be returned in unopened containers or packages determined to be in saleable condition at the discretion of Fibre Glast Developments Corporation.

Disputes
Any disputes which result in legal recourse will be resolved in the courts of Montgomery County, Ohio and under the laws of the State of Ohio and the United States of America.

Shipping Charges
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Hazards Charges
Hazard Charges are levied by UPS, FedEx, and all transportation companies. Fibre Glast does not profit from these charges. If applicable, hazard charges will be added to your product total before shipping your order. We then remit them directly to the transportation company. We will combine products as the law permits in order to minimize these charges whenever possible.

Handling Charges
Fibre Glast will charge $10.00 handling for any orders shipped on the customers’ freight account. “Orders shipping internationally on customers’ shipping accounts will incur a $20.00 handling fee. All international shipping accounts will be verified with the carrier for validity prior to shipment.

International Orders
Our standard shipping charges do not apply to international orders. We will quote your shipping charges by email and get your approval before we ship. All of our prices are in U.S. dollars and no other currencies will be accepted.

Shipping Restrictions
We are a fully authorized shipper of hazardous materials and we can ship anywhere in the world. However, some countries have international restrictions on hazardous goods and may not allow them into the country. We will advise you of any foreseeable problems by email and obtain your approval before we ship your order. Our shipping charges include insurance but do not include any fees or custom charges by your country. These are the customer’s responsibility and will not be added to your order.

Shipping Surcharges
If we are responsible for shipping your materials, we will quote a freight price which includes all documentation. This is our preferred method of shipping and we will provide either door-to-door service or door-to-airport service. We will include this information in our quote. If you wish to have your items shipped to a freight forwarder/consolidator and there are hazardous materials on your order, there is a $250.00 international hazard/freight forwarder handling fee. If you wish to have your items shipped to a freight forwarder/consolidator and there are no hazardous materials on your order, there is a $150.00 International Hazard/Freight Forwarder Handling Fee. If we ship to a US address and are notified after shipment that the Freight Forwarder/Consolidator requires international shipping documents, fees are doubled.
We Help People Make Amazing Things.

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