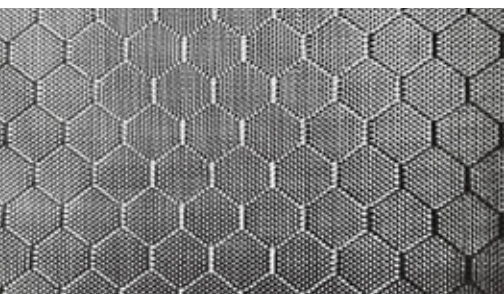




# 2023-2024 Annual Catalog

First Quality Composite Materials Guaranteed





connect with us!

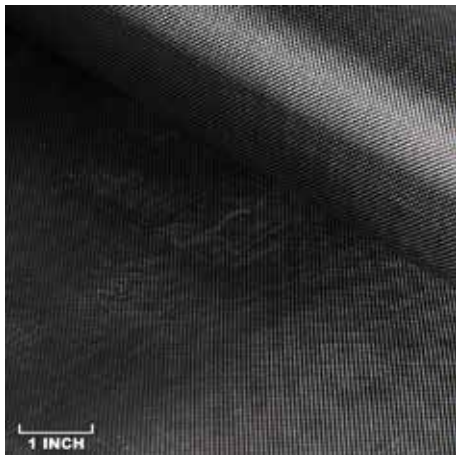
## DIRECTORY

● Fabrics	Pgs 2-11
● Resins & Coatings	Pgs 12, 15-23
● Wind Turbine Blade Repair	Pgs 13-14
● Spray Equipment	Pg 21
● Chromaglast / Paints	Pg 24
● Instrumentation	Pg 25
● Vacuum Bagging	Pgs 26-35
● Mold Supplies	Pgs 36-39
● Safety	Pgs 40-41
● Fabric Aids	Pgs 42-43
● Fabric Storage	Pgs 44-45
● Laminate Cutting	Pg 46
● Resin Applicators	Pgs 47-49
● Mixing & Measuring Supplies	Pgs 50-52
● The Fibre Glast Difference	Pg 53
● Policies & Guarantees	Pg 54



## We Help People Make Amazing Things.

For over 65 years, Fibre Glast has specialized in the distribution of fiberglass and other composite materials. We serve tens of thousands of customers with aerospace, automotive, marine, power generation, prototyping, modeling, and a myriad of other applications by only supplying First Quality materials, never seconds, or close-outs. We are glad you have chosen to consider us for your composite needs.

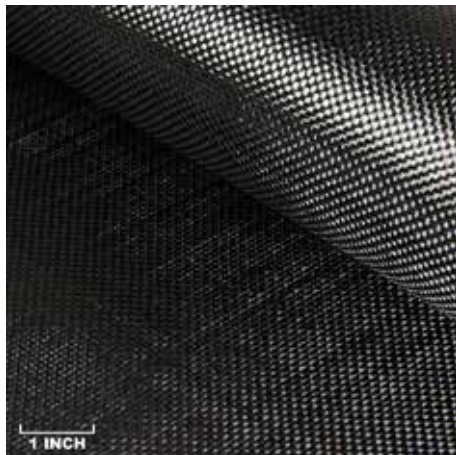


**1K, Plain Weave Carbon Fiber Fabric**

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

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

- 42" WIDE:
- #2363-A 1 YD ROLL
  - #2363-B 3 YD ROLL
  - #2363-C 5 YD ROLL
  - #2363 10+ YARDS

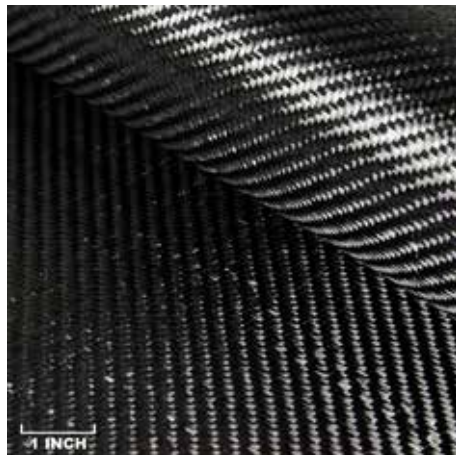


**3K, Plain Weave Carbon Fiber Fabric**

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

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

- 50" WIDE:
- #530-A 1 YD ROLL
  - #530-B 3 YD ROLL
  - #530-C 5 YD ROLL
  - #530 10+ YARDS



**3K, 2x2 Twill Weave Carbon Fiber Fabric**

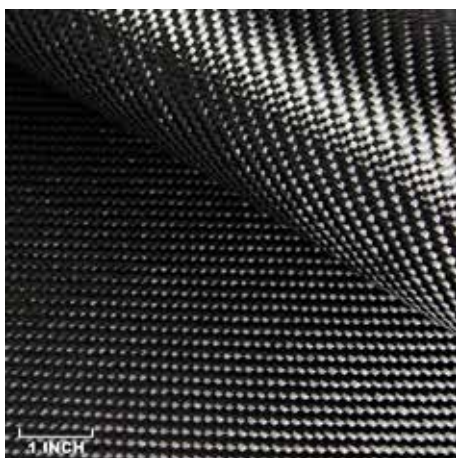
5.7 oz/sq yd, 0.012" Thick, 3K, 2x2 Twill Weave

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.

- 50" WIDE:      60" WIDE:
- #1069-A 1 YD ROLL      #2069-A 1 YD ROLL
  - #1069-B 3 YD ROLL      #2069-B 3 YD ROLL
  - #1069-C 5 YD ROLL      #2069-C 5 YD ROLL
  - #1069 10+ YARDS      #2069 10+ YARDS



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



**6K, 2x2 Twill Weave Carbon Fiber Fabric**

10.9 oz/sq yd, 50" Wide, 0.017" Thick, 6K, 2x2 Twill Weave

This twill weave fabric features a tight weave and a cosmetically perfect 2x2 twill pattern. As a mid-weight carbon, it is a bit stiffer than 3K, meaning it is best used on flatter surfaces requiring less drapability. It retains the signature appearance that is highly desirable for modern composite parts in the auto, marine, and sporting goods industries. This fabric is frequently used for structural application, offering improved economics to fabricators when compared to multiple layers of lighter fabrics.

- 50" WIDE:
- #1073-A 1 YD ROLL
  - #1073-B 3 YD ROLL
  - #1073-C 5 YD ROLL
  - #1073 10+ YARDS

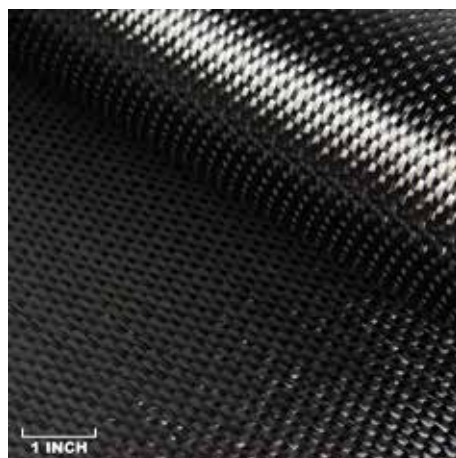


**12K, 2x2 Twill Weave Carbon Fiber Fabric**

19.8 oz/sq 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.

- 50" WIDE:
- #1072-A 1 YD ROLL
  - #1072-B 3 YD ROLL
  - #1072-C 5 YD ROLL
  - #1072 10+ YARDS



**6K, 5HS Satin Weave Carbon Fiber Fabric**

10.9 oz/sq 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.

- 50" WIDE:
- #660-A 1 YD ROLL
  - #660-B 3 YD ROLL
  - #660-C 5 YD ROLL
  - #660 10+ YARDS



## Introducing Contemporary Carbon Fiber Designer Fabrics

Woven with 3K Multifilament Continuous Tow, these fabrics provide all the performance benefits you've come to expect with carbon fiber, but now in exciting new patterns. These fabrics will provide distinct, contemporary looks to your modern composite components in aerospace, marine, sporting goods, and racing industries. These carbon fiber fabrics are compatible with all the resin systems on our website, including epoxy, polyester and vinyl ester.

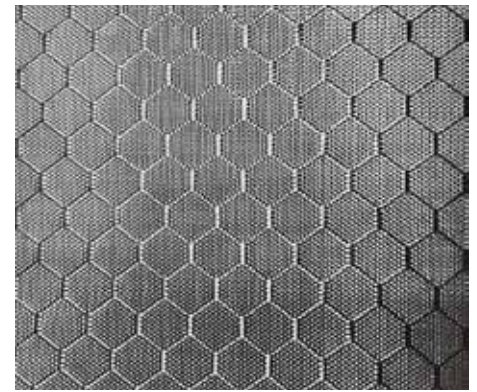


### ◆ Camo Pattern Carbon Fiber

3K, 6.5 oz/sq yd, 50" Wide

Camouflage pattern with carbon fiber performance benefits

- #1201-A 1 YARD ROLL
- #1201-B 3 YARD ROLL
- #1201-C 5 YARD ROLL
- #1201-F FULL ROLL (25 YARDS)
- #1201 25+ YARDS



### ◆ Wasp Pattern Carbon Fiber

3K, 7.3 oz/sq yd, 50" Wide

Honeycomb pattern with carbon fiber performance benefits

- #1202-A 1 YARD ROLL
- #1202-B 3 YARD ROLL
- #1202-C 5 YARD ROLL
- #1202-F FULL ROLL (25 YARDS)
- #1202 25+ YARDS



### ◆ Labyrinth Pattern Carbon Fiber

3K, 6.0 oz/sq yd, 50" Wide

Labyrinth pattern with carbon fiber performance benefits

- #1204-A 1 YARD ROLL
- #1204-B 3 YARD ROLL
- #1204-C 5 YARD ROLL
- #1204-F FULL ROLL (25 YARDS)
- #1204 25+ YARDS



### ◆ Roswell Pattern Carbon Fiber

3K, 6 oz/sq yd, 50" Wide

Roswell pattern with carbon fiber performance benefits

- #1205-A 1 YARD ROLL
- #1205-B 3 YARD ROLL
- #1205-C 5 YARD ROLL
- #1205-F FULL ROLL (25 YARDS)
- #1205 25+ YARDS

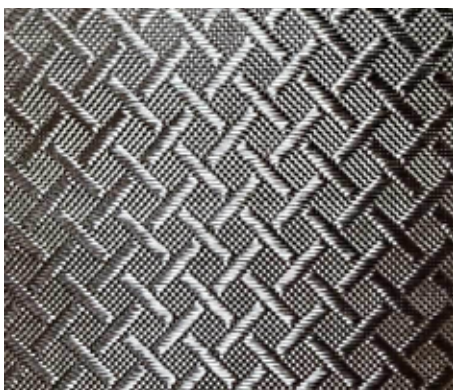


### ◆ Rook Pattern Carbon Fiber

3K, 6 oz/sq yd, 50" Wide

Checkerboard pattern with carbon fiber performance benefits

- #1206-A 1 YARD ROLL
- #1206-B 3 YARD ROLL
- #1206-C 5 YARD ROLL
- #1206-F FULL ROLL (25 YARDS)
- #1206 25+ YARDS



### ◆ Diamondplate Pattern Carbon Fiber

3K, 6 oz/sq yd, 50" Wide

Diamondplate pattern with carbon fiber performance benefits

- #1207-A 1 YARD ROLL
- #1207-B 3 YARD ROLL
- #1207-C 5 YARD ROLL
- #1207-F FULL ROLL (25 YARDS)
- #1207 25+ YARDS

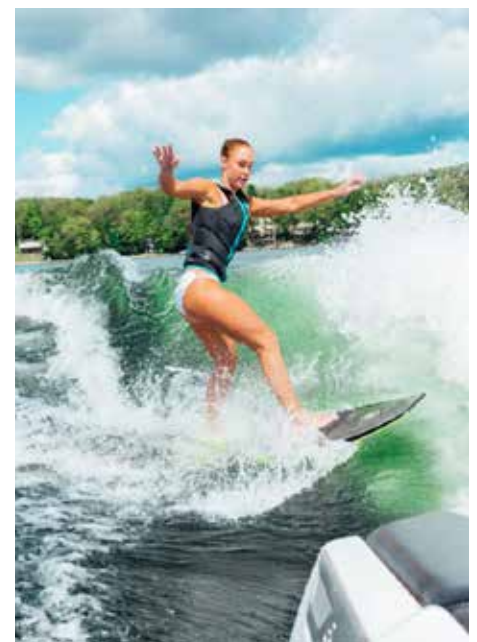


### ◆ M-Boss Pattern Carbon Fiber

3K, 6 oz/sq yd, 50" Wide

Embossed pattern with carbon fiber performance benefits

- #1208-A 1 YARD ROLL
- #1208-B 3 YARD ROLL
- #1208-C 5 YARD ROLL
- #1208-F FULL ROLL (25 YARDS)
- #1208 25+ YARDS



4.0 OZ

4.3 OZ

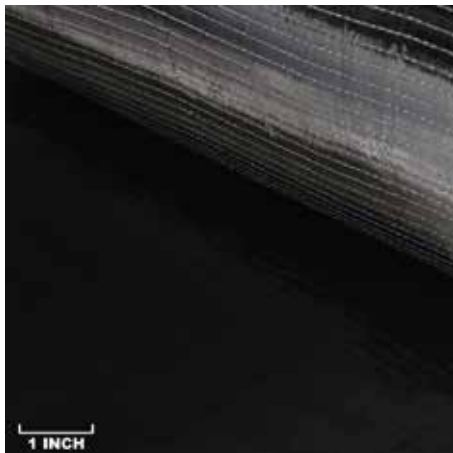
9.0 OZ

22.3 OZ

● **Unidirectional Carbon Fiber Fabric**

4.0 oz/sq yd, 12" Wide, 0.006" Thick, 12K, Unidirectional Prepreg  
 4.3 oz/sq yd, 12" Wide, 0.006" Thick, 12K, IM, Unidirectional Prepreg  
 9.0 oz/sq yd, 12" Wide, 0.014" Thick, 12K, Unidirectional Prepreg  
 22.3 oz/sq yd, 12" Wide, 0.03" Thick, 24K, Unidirectional Prepreg

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

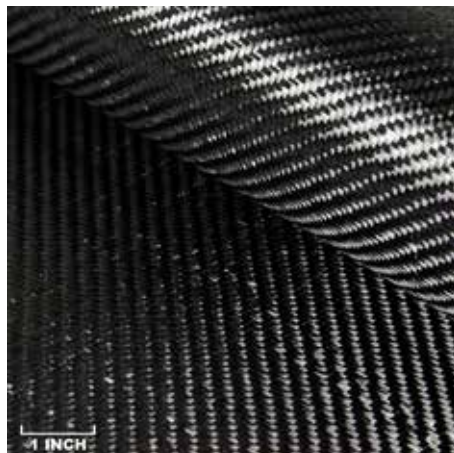


● **Prepreg Unidirectional Carbon Fiber Fabric**

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

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

- 4.3 OZ IM  
 #2114-A 1 YD ROLL  
 #2114-B 3 YD ROLL  
 #2114-C 5 YD ROLL  
 #2114 10+ YARDS

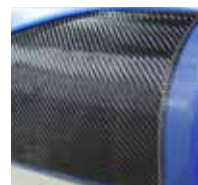


● **Prepreg 3K, 2x2 Twill Weave Carbon Fiber Fabric**

5.7 oz/sq yd, 50" Wide, 0.012" Thick, 3K, 2x2 Twill Weave Prepreg

This prepreg carbon fiber fabric features our most popular twill weave carbon, pre-impregnated with an epoxy resin system, that is formulated to offer an excellent glossy surface while maintaining ultimate strength. The near-perfect resin content maximizes the strength properties of the carbon fabric, similar to our #1069 (#2211 boasts a tensile strength of at least 510 KSI), and makes great looking, repeatable, uniform parts.

- 50" WIDE  
 #2211-A 1 YD ROLL  
 #2211-B 3 YD ROLL  
 #2211-C 5 YD ROLL  
 #2211 10+ YARDS

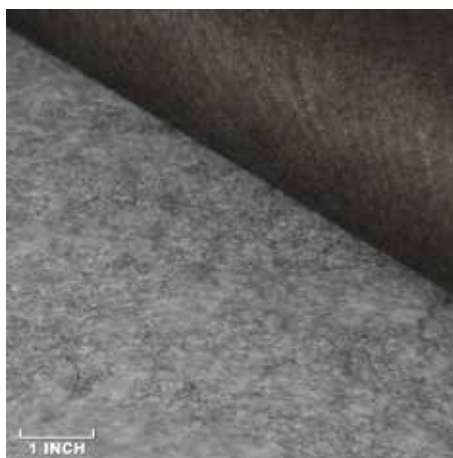


- 4.0 OZ  
 #2585-A 1 YD ROLL  
 #2585-B 3 YD ROLL  
 #2585-C 5 YD ROLL  
 #2585 10+ YARDS

- 4.3 OZ IM  
 #2596-A 1 YD ROLL  
 #2596-B 3 YD ROLL  
 #2596-C 5 YD ROLL  
 #2596 10+ YARDS

- 9.0 OZ  
 #2583-A 1 YD ROLL  
 #2583-B 3 YD ROLL  
 #2583-C 5 YD ROLL  
 #2583 10+ YARDS

- 22.3 OZ  
 #2595-A 1 YD ROLL  
 #2595-B 3 YD ROLL  
 #2595-C 5 YD ROLL  
 #2595 10+ YARDS

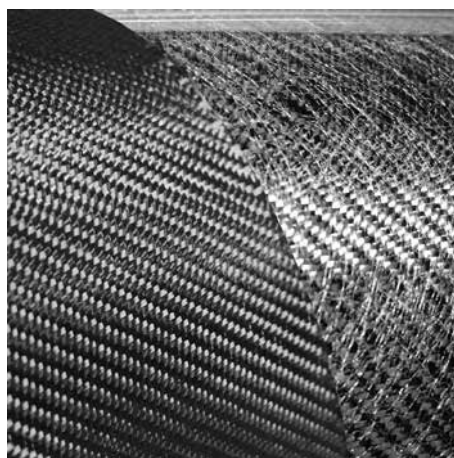


● **Carbon Fiber Veil**

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

- 35.5" WIDE  
 #1064-A 1 YD ROLL  
 #1064-B 3 YD ROLL  
 #1064-C 5 YD ROLL  
 #1064 10+ YARDS



● **3K Stabilized Carbon Fiber Fabric**

Classic Carbon Fiber look with improved handling

Woven with TR30S 3K fiber, this fabric provides unparalleled handling characteristics. It is backed on one side by a very thin layer of veil, which keeps the carbon fiber from unravelling during cutting, handling, and loading the mold. This fabric is ideal for modern composite components in aerospace, marine, sporting goods, and racing industries. The twill weave offers greater conformability, presents a beautiful herringbone texture, and delivers a slight edge in strength. This carbon fiber Fabric is compatible with all the resin systems on our website, including epoxy, polyester and vinyl ester.

- 50" WIDE  
 #1169-A 1 YD ROLL  
 #1169-B 3 YD ROLL  
 #1169-C 5 YD ROLL  
 #1169 10+ YARDS



Whisper, foiling trimaran for race to Alaska: R2AK.com Team Skywalker.



**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

**1.5 IN**

1.5" DIA  
 #2608-A 1 YD ROLL  
 #2608-B 3 YD ROLL  
 #2608-C 5 YD ROLL  
 #2608 10+ YARDS

**2 IN**

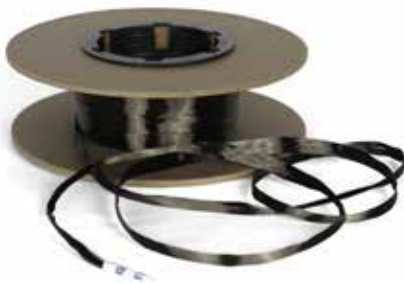
2" DIA  
 #2609-A 1 YD ROLL  
 #2609-B 3 YD ROLL  
 #2609-C 5 YD ROLL  
 #2609 10+ YARDS

**4 IN**

4" DIA  
 #2622-A 1 YD ROLL  
 #2622-B 3 YD ROLL  
 #2622-C 5 YD ROLL  
 #2622 10+ YARDS

**6 IN**

6" DIA  
 #2635-A 1 YD ROLL  
 #2635-B 3 YD ROLL  
 #2635-C 5 YD ROLL  
 #2635 10+ YARDS



**24K, Carbon Tow**

24,000 Individual Carbon Filaments

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

24K TOW  
 #2393-A 50 YD ROLL  
 #2393-B 100 YD ROLL  
 #2393-C 250 YD ROLL



**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.

**0.75 IN**

0.75" DIA  
 #3608-A 1 YD ROLL  
 #3608-B 3 YD ROLL  
 #3608-C 5 YD ROLL  
 #3608 10+ YARDS

**1.5 IN**

1.5" DIA  
 #3609-A 1 YD ROLL  
 #3609-B 3 YD ROLL  
 #3609-C 5 YD ROLL  
 #3609 10+ YARDS

**2.5 IN**

2.5" DIA  
 #3611-A 1 YD ROLL  
 #3611-B 3 YD ROLL  
 #3611-C 5 YD ROLL  
 #3611 10+ YARDS

**3.75 IN**

3.75" DIA  
 #3612-A 1 YD ROLL  
 #3612-B 3 YD ROLL  
 #3612-C 5 YD ROLL  
 #3612 10+ YARDS



**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!

SAMPLE PACK  
 #4005-A  
 INDIVIDUAL SWATCHES

**\$25 OFF COUPON  
 INCLUDED WITH PURCHASE**



**Unfinished Edge Carbon Fiber Tapes**

7.3 oz/sq yd, 0.012" Thick, 3K, Plain Weave

Carbon fiber tape is ideal for selective reinforcement of carbon fiber fabrications, sleeve winding, lap joining, and repairs of cracks on graphite surfaces. Just like their wider carbon fabric counterparts, these standard modulus tapes offer higher ultimate tensile strength and stiffness-to-weight ratios than any other commonly available reinforcements. They are ideal for use in auto racing, aerospace, competition marine, and light industrial applications.

**2 IN**

2" WIDE  
 #692-A 10 YD ROLL  
 #692-B 50 YD ROLL

**3 IN**

3" WIDE  
 #693-A 10 YD ROLL  
 #693-B 50 YD ROLL

**4 IN**

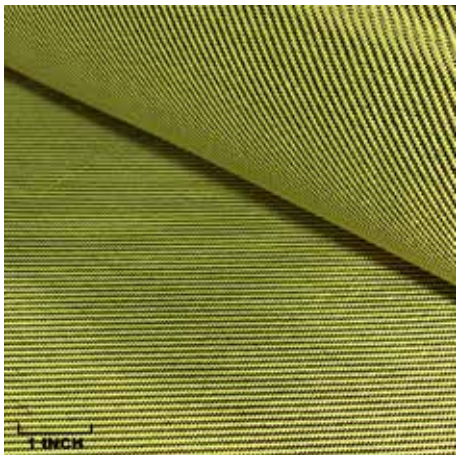
4" WIDE  
 #694-A 10 YD ROLL  
 #694-B 50 YD ROLL

**6 IN**

6" WIDE  
 #696-A 10 YD ROLL  
 #696-B 50 YD ROLL



connect with us!



◆ Kevlar® / Carbon Fiber Hybrid

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

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

- 50" WIDE
- #1065-A 1 YD ROLL
- #1065-B 3 YD ROLL
- #1065-C 5 YD ROLL
- #1065 10+ YARDS

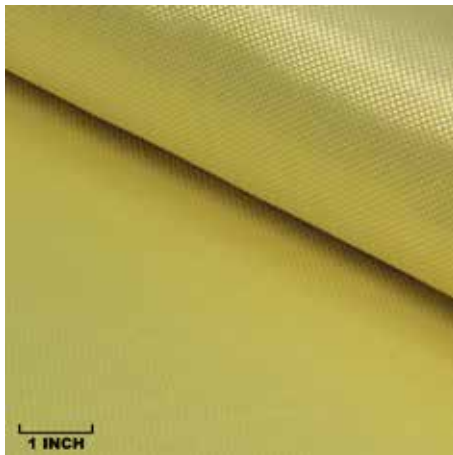
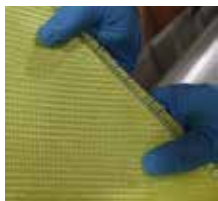


◆ Kevlar® 2x2 Twill Weave Fabric

5.3 oz/sq yd, 50" Wide, 0.011" Thick, 1140D, 2x2 Twill Weave

This Kevlar® 49 fabric is ideal for impact-resistant applications that call for excellent specific tensile strength and minimum weight. The signature colored twill pattern makes for improved drapability and delivers impressive cosmetics where show-through is a factor. Common applications include kayaks, canoes, boats, and sporting goods equipment.

- 50" WIDE
- #2443-A 1 YD ROLL
- #2443-B 3 YD ROLL
- #2443-C 5 YD ROLL
- #2443 10+ YARDS



◆ 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 stiff 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.

- 50" WIDE
- #2469-A 1 YD ROLL
- #2469-B 3 YD ROLL
- #2469-C 5 YD ROLL
- #2469 10+ YARDS



◆ 2" Braided Kevlar® Biaxial Sleeves

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

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

- 2" DIA
- #2611-A 1 YD ROLL
- #2611-B 3 YD ROLL
- #2611-C 5 YD ROLL
- #2611 10+ YARDS



◆ Kevlar® Tapes

5.0 oz/sq yd, 0.01" Thick, 17x17 Plain Weave

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

1 IN	1" WIDE #531-A 10 YD ROLL #531-B 50 YD ROLL
2 IN	2" WIDE #532-A 10 YD ROLL #532-B 50 YD ROLL
3 IN	3" WIDE #533-A 10 YD ROLL #533-B 50 YD ROLL
4 IN	4" WIDE #2482-A 10 YD ROLL #2482-B 50 YD ROLL
6 IN	6" WIDE #2495-A 10 YD ROLL #2495-B 50 YD ROLL



◆ Kevlar® Sample Pack

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

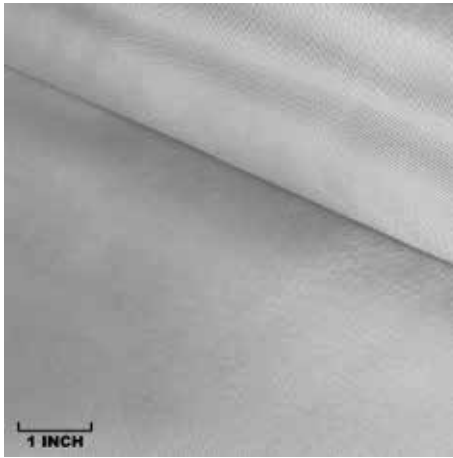
- SAMPLE PACK
- #4004-A
- INDIVIDUAL SWATCHES

\$25 OFF COUPON  
INCLUDED WITH PURCHASE



**Same Day Shipping**

For orders placed before 2:30pm ET

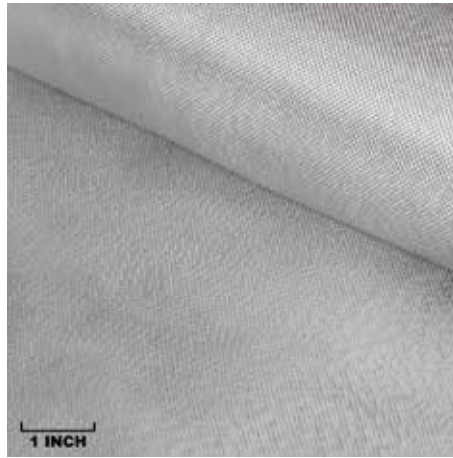


**◆ 2oz Fiberglass Fabric  
Style 1610**

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
  - #241-A 3 YD PKG
  - #241-B 5 YD PKG
  - #241 10+ YARDS

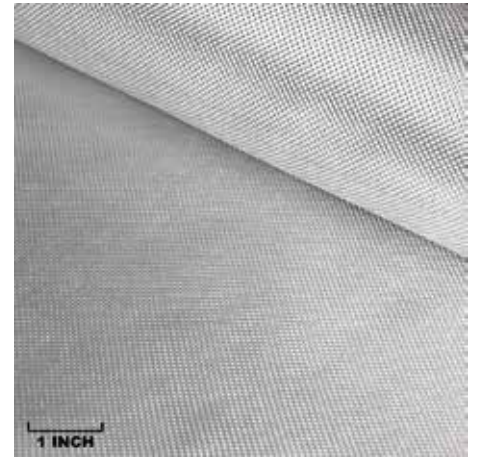
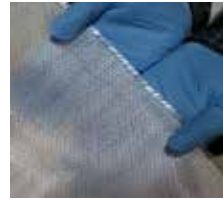


**◆ 4oz Fiberglass Fabric  
Style 1522**

4 oz/sq yd, 50" Wide, 0.006" Thick, 24 X 22 Plain Weave

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

- 50" WIDE**
- #262-F 1 YD PKG
  - #262-B 3 YD PKG
  - #262-C 5 YD PKG
  - #262 10+ YARDS

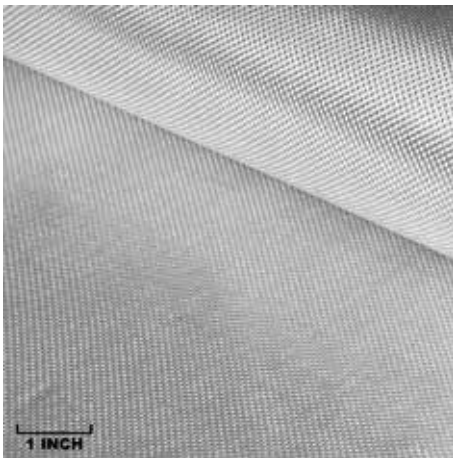


**◆ 6oz Fiberglass Fabric  
Style 3733**

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**
- #259-F 1 YD PKG
  - #259-A 3 YD PKG
  - #259-B 5 YD PKG
  - #259 10+ YARDS

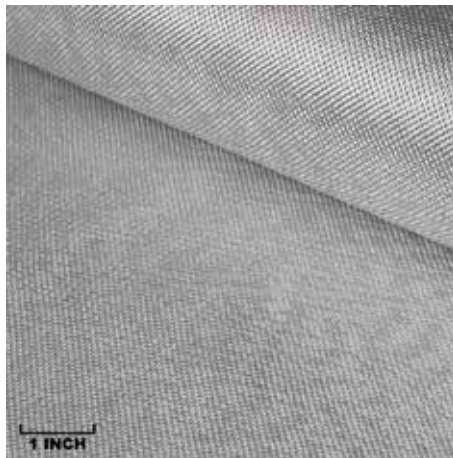


**◆ 7.5oz Fiberglass Fabric  
Style 2532**

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.

- |                 |  |                 |  |
|-----------------|--|-----------------|--|
| <b>38" WIDE</b> |  | <b>50" WIDE</b> |  |
| #243-F 1 YD PKG |  | #244-F 1 YD PKG |  |
| #243-A 3 YD PKG |  | #244-A 3 YD PKG |  |
| #243-B 5 YD PKG |  | #244-B 5 YD PKG |  |
| #243 10+ YARDS  |  | #244 10+ YARDS  |  |

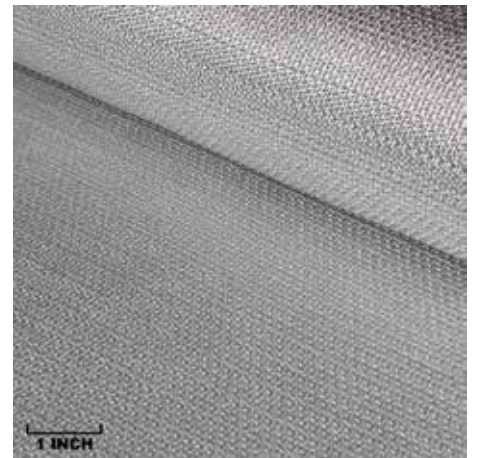


**◆ 10oz Fiberglass Fabric  
Style 7500**

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.

- |                 |  |                 |  |
|-----------------|--|-----------------|--|
| <b>38" WIDE</b> |  | <b>50" WIDE</b> |  |
| #245-A 1 YD PKG |  | #271-A 1 YD PKG |  |
| #245-B 3 YD PKG |  | #271-B 3 YD PKG |  |
| #245-C 5 YD PKG |  | #271-C 5 YD PKG |  |
| #245 10+ YARDS  |  | #271 10+ YARDS  |  |



**◆ 20oz Fiberglass  
Tooling Fabric**

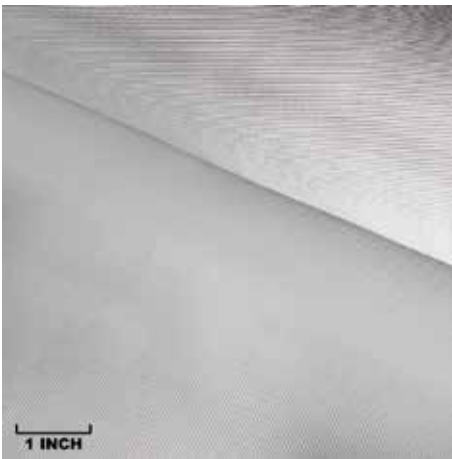
20 oz/sq yd, 38" Wide, 0.03" Thick, Mock Leno Weave

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.

- 38" WIDE**
- #254-A 1 YD PKG
  - #254-B 3 YD PKG
  - #254-C 5 YD PKG
  - #25 10+ YARDS





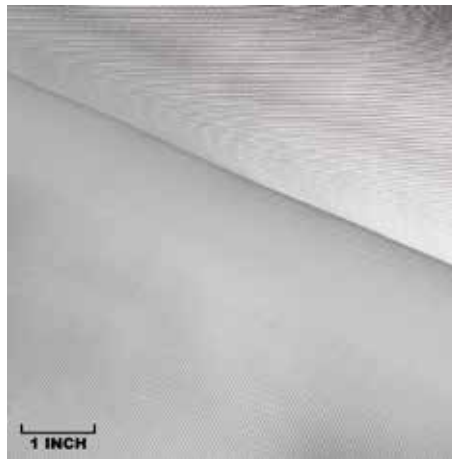


**◆ Prepreg Style 7781 E-Glass**

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.

- 50" WIDE
- #2100-A 1 YD ROLL
  - #2100-B 3 YD ROLL
  - #2100-C 5 YD ROLL
  - #2100 10+ YARDS

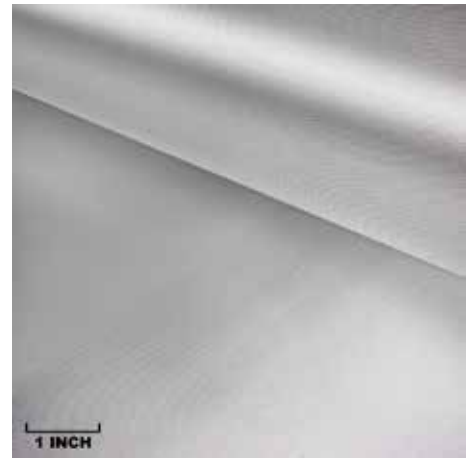


**◆ Style 7781 E-Glass**

8.7 oz/sq yd, 0.0089" Thick, 8H Satin Weave

Frequently specified in aerospace applications, this fabric offers excellent strength, formability, and surfacing characteristics. This fabric's glass fibers are bundled and woven repeatedly to float over seven bundles, then under one. As a result, the fabric is flatter and more easily draped over the most complex shapes. Meets MIL-C-9084C.

- 38" WIDE
- #543-A 1 YD ROLL
  - #543-B 3 YD ROLL
  - #543-C 5 YD ROLL
  - #543 10+ YARDS
- 50" WIDE
- #2543-A 1 YD ROLL
  - #2543-B 3 YD ROLL
  - #2543-C 5 YD ROLL
  - #2543 10+ YARDS

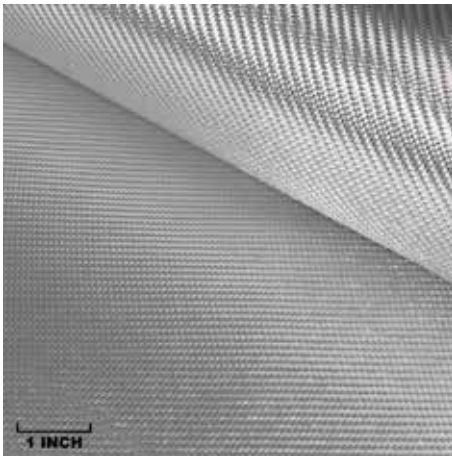
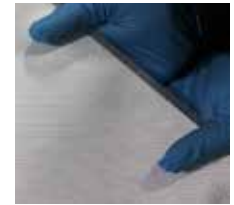


**◆ Style 6781 S2-Glass**

9 oz/sq yd, 50" Wide, 0.009" Thick, 57 X 57 8H Satin Weave

This 9-ounce fabric selection is much like our #543 9-ounce E-Glass, except that it is woven from S2 fibers. As a result, this S2-Glass features extraordinary strength with a superior look and finish. Style 6781 is one of the most popular fabrics for modern aerospace applications.

- 50" WIDE
- #1543-A 1 YD ROLL
  - #1543-B 3 YD ROLL
  - #1543-C 5 YD ROLL
  - #1543 10+ YARDS

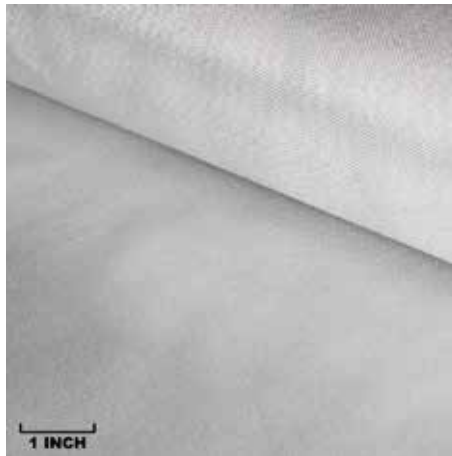
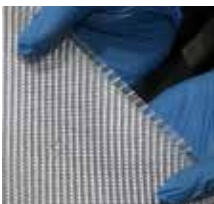


**◆ Style 7725 Bi-Directional E-Glass**

8.1-9.0 oz/sq yd, 38" Wide, 0.009" Thick, 4H Modified Twill Weave

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

- 38" WIDE
- #1094-A 1 YD ROLL
  - #1094-B 3 YD ROLL
  - #1094-C 5 YD ROLL
  - #1094 10+ YARDS



**◆ Style 120 E-Glass**

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.

- 38" WIDE
- #573-A 1 YD ROLL
  - #573-B 3 YD ROLL
  - #573-C 5 YD ROLL
  - #573 10+ YARDS



**◆ Fiberglass Sample Pack**

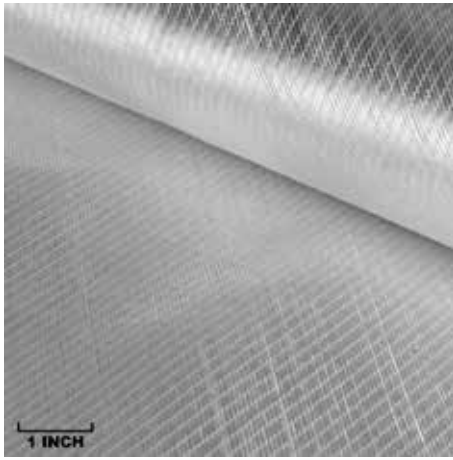
This convenient Sample Pack contains 4" x 6" swatches of all of our fiberglass fabrics. It is ideal for determining which material you would like to try for your application. Plus, this Sample Pack includes a coupon for \$25 off your next order of \$100 or more when purchased within 60 days!

- SAMPLE PACK  
#4000-A  
INDIVIDUAL SWATCHES

**\$25 OFF COUPON  
INCLUDED WITH PURCHASE**



Mark Laue

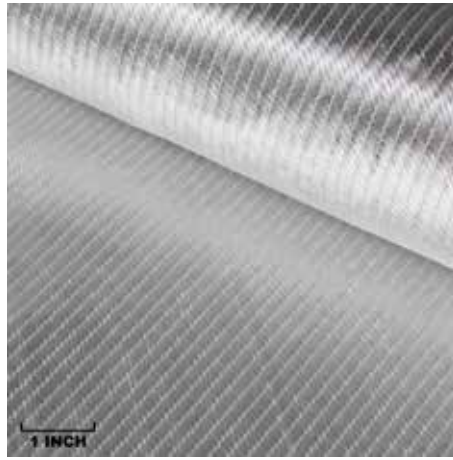
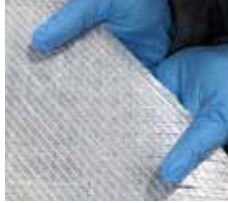


◆ **Saertex® 444 g/m<sup>2</sup> (12.05oz/yd<sup>2</sup>)  
Stitched Biaxial**

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
- #2806-B 3 YD ROLL
- #2806-C 5 YD ROLL
- #2806 10+ YARDS

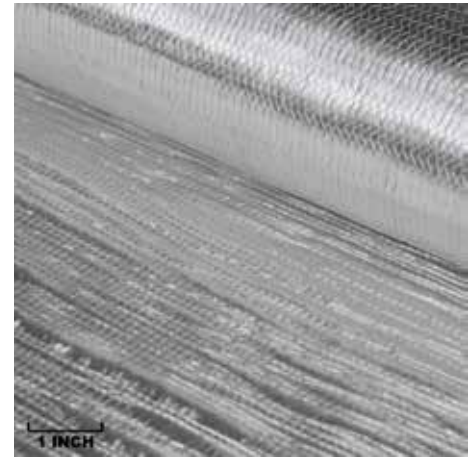
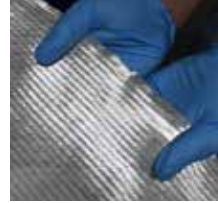


◆ **Saertex® 830 g/m<sup>2</sup> (24.5oz/yd<sup>2</sup>)  
Stitched Biaxial**

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
- #2850-A 1 YD ROLL
- #2850-B 3 YD ROLL
- #2850-C 5 YD ROLL
- #2850 10+ YARDS

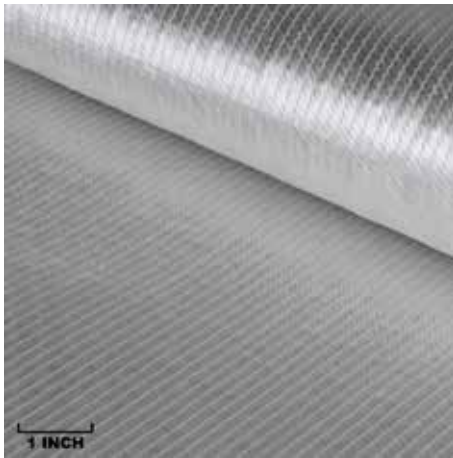


◆ **Saertex® 955 g/m<sup>2</sup> (28oz/yd<sup>2</sup>)  
Stitched Unidirectional**

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
- #2903-A 1 YD ROLL
- #2903-B 3 YD ROLL
- #2903-C 5 YD ROLL
- #2903 10+ YARDS

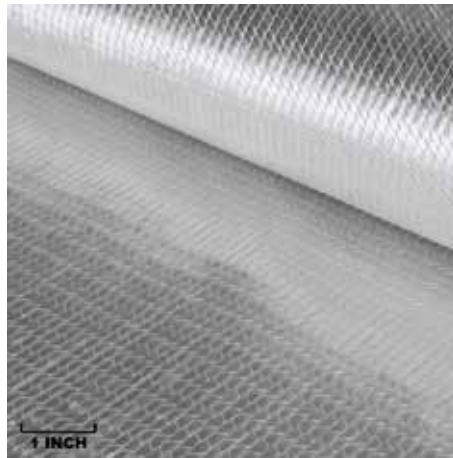
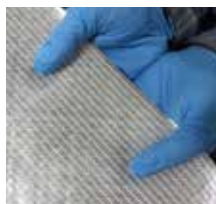


◆ **Saertex® 989 g/m<sup>2</sup> (29oz/yd<sup>2</sup>)  
Stitched Biaxial**

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
- #2902-A 1 YD ROLL
- #2902-B 3 YD ROLL
- #2902-C 5 YD ROLL
- #2902 10+ YARDS

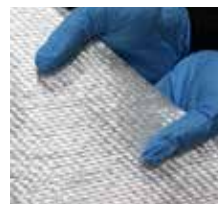


◆ **Saertex® 1200 g/m<sup>2</sup> (36oz/yd<sup>2</sup>)  
Stitched Triaxial**

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
- #2808-A 1 YD ROLL
- #2808-B 3 YD ROLL
- #2808-C 5 YD ROLL
- #2808 10+ YARDS



◆ **Stitched Fiberglass Sample Pack**

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

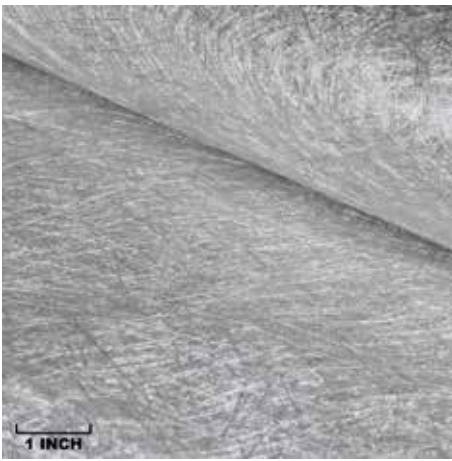
SAMPLE PACK  
#4007-A  
INDIVIDUAL SWATCHES

**\$25 OFF COUPON  
INCLUDED WITH PURCHASE**



Jorge Cruz

**FIRST QUALITY COMPOSITE MATERIALS GUARANTEED**

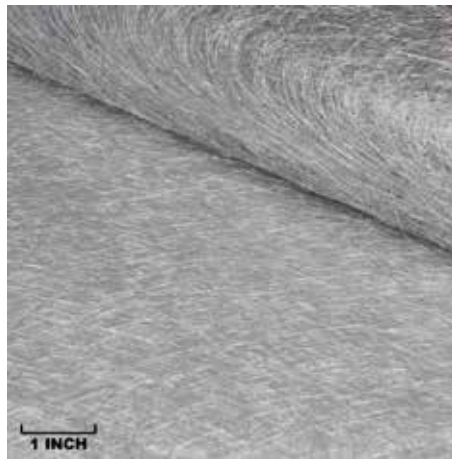


**1.5oz Chopped Strand Mat**

1.5 oz/sq yd, 0.045" Thick

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

<b>38" WIDE</b>		<b>50" WIDE</b>	
#250-A	1 YD PKG	#1250-A	1 YD PKG
#250-B	3 YD ROLL	#1250-B	3 YD ROLL
#250-C	5 YD ROLL	#1250-C	5 YD ROLL
#250	10+ YARDS	#1250	10+ YARDS

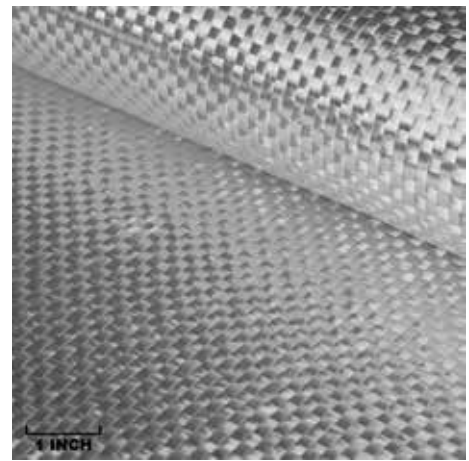


**1.5oz Continuous Strand Mat**

1.5 oz/sq yd, 50" Wide, 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.

<b>50" WIDE</b>	
#251-A	1 YD PKG
#251-B	3 YD PKG
#251-C	5 YD ROLL
#251	10+ YARDS

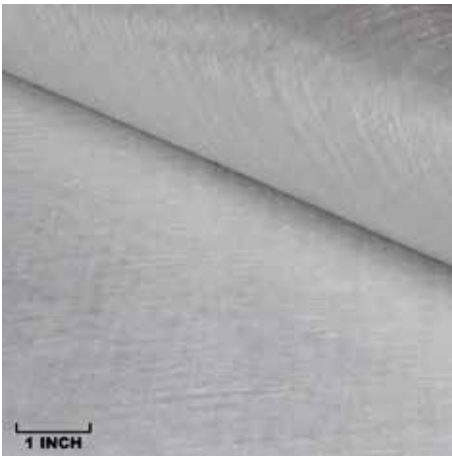


**18oz Woven Roving**

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.

<b>50" WIDE</b>	
#223-F	1 YD PKG
#223-A	3 YD ROLL
#223-B	5 YD ROLL
#223	10+ YARDS



**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.

<b>38" WIDE</b>	
#260-F	1 YD ROLL
#260-G	3 YD ROLL
#260-H	5 YD ROLL
#260	10+ YARDS



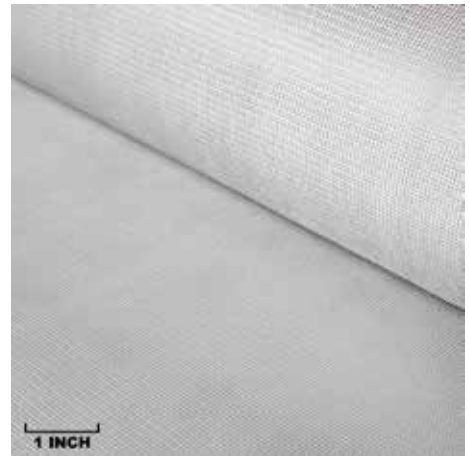
**Synthetic Surfacing Veil**

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.

<b>47" WIDE</b>	
#1581-A	1 YD PKG
#1581-B	3 YD PKG
#1581-C	5 YD PKG
#1581	10+ YARDS

**FIRST QUALITY  
COMPOSITE  
MATERIALS  
GUARANTEED**



**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.

<b>50" WIDE</b>	
#246-A	1 YD PKG
#246-B	3 YD PKG
#246-C	5 YD PKG
#246	10+ YARDS





**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.

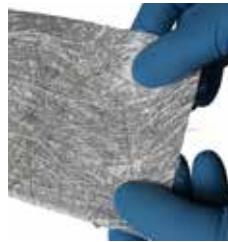
- 2" DIA
- #2610-A 1 YD ROLL
- #2610-B 3 YD ROLL
- #2610-C 5 YD ROLL
- #2610 10+ YARDS



**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 with subsequent layers.



- 4" WIDE
- #492-C 10YD ROLL
- #492-D 86YD ROLL



**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.

**1 IN**

- 1" WIDE
- #217-A 10 YD ROLL
- #217-B 50 YD ROLL

**2 IN**

- 2" WIDE
- #219-A 10 YD ROLL
- #219-B 50 YD ROLL

**3 IN**

- 3" WIDE
- #220-A 10 YD ROLL
- #220-B 50 YD ROLL

**4 IN**

- 4" WIDE
- #221-A 10 YD ROLL
- #221-B 50 YD ROLL

**6 IN**

- 6" WIDE
- #222-A 10 YD ROLL
- #222-B 50 YD ROLL

**12 IN**

- 12" WIDE
- #224-A 10 YD ROLL
- #224-B 50 YD ROLL



**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.

- #1171-A CHOPPER GUN
- #1850-A CHOPPER BLADE
- #1851-A WHITE ANVIL ROLLER SLEEVE
- #1852-A BLADE "O" RING
- #1853-A ANVIL ROLLER ASSEMBLY
- #1854-A FEED ROLLER
- #1855-A FEED ROLLER ASSEMBLY
- #1856-A CUTTER ASSEMBLY



**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.

- ROVING
- #526-A 50 LB ROLL
- #526-B CASE (4 ROLLS)
- #526-C SKID (12 ROLLS)



**1/4" Chopped Gun Roving**





● **Marine Epoxy Fairing Compound**

Repair and Smooth Nearly Any Surface

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

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



● **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](http://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](http://www.P65Warnings.ca.gov).

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



Composite Concepts



connect with us!



● **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](http://www.P65Warnings.ca.gov).



● **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](http://www.P65Warnings.ca.gov).



# Fibre Glast is the leading edge of wind turbine blade repair products

Today, global teams of wind experts are answering North America's energy needs through clean wind energy. Manufacturers continue to make blades bigger, lighter, stronger, more durable – and more cost efficient. These huge blades make wind energy more affordable by displacing more air while capturing more energy.

Turbine blades that are designed to operate for more than twenty-five years must withstand all types of weather conditions that often result in leading edge erosion and other wear and tear damage. Leading edge erosion is the single largest problem in relation to blade maintenance.

To combat this problem, high quality, fast repairs are critical to a turbine's performance. The world's largest wind turbine repair companies turn to Fibre Glast for first quality epoxy resins and materials to get turbines back in operation as fast as possible.

On these pages you can find the products you need for wind turbine blade repair that will help you focus on minimizing downtime and help save both time and money!



## Fabric

- Fiberglass
  - Woven Glass
  - Woven Glass Tapes
  - Saertex Stitched Glass:
    - 2806 444 g/m<sup>2</sup> Biaxial
    - 2850 850 g/m<sup>2</sup> Biaxial
    - 2902 989 g/m<sup>2</sup> Biaxial



## Adhesives

- BP10-A Adhesive Cartridges
- BP10-B Box (contains 12 Cartridges)\*
- \*available during winter months
- BP20-A Adhesive Cartridges
- BP20-B Box (contains 12 Cartridges)



## Resins

- Epoxy Resins
  - 635-A MGS 635 Bags
  - 635-B Box (contains 10 Bags)
  - Coolset 05 bags and boxes\*
  - \*available during winter months
- Polyester Resins
  - 77-F, A, and B - Orthophthalic
  - 90-F, A, and B - Isophthalic
  - RAL 7035 Gel Coat
  - RAL 9018 Gel coat



## Supplies & Tools

- Spray Guns and Supplies
- Scissors, Cutters, and Fabric Aids
- Laminate Cutting & Finishing
- Polishing and Sanding tools
- Brushes & Paint Supplies
- Rollers & Squeegees
- Mixing Sets & Starter Kits
- Mixing Supplies
- Clay
- Rulers
- Dispensing



### Foam & Sandwich Core

- Vinyl Foam
- Polyisocyanurate Foam
- Balsa Wood



### Vacuum Bagging

- 1582 Econostitch Peel Ply
- 1580 Perforated Low Temp Release Film
- 1781 Non-perforated Low Temp Release Film
- 1590 Low Temp Perforated Release Film with P15 holes
- 1678 Stretchlon 200
- 1688 Stretchlon 800
- 1783 Nylon Bagging Film
- 1793 A2400 Nylon Bagging Film
- 579 4 oz Breather Cloth
- 1779 7oz Breather Cloth
- 580-A Yellow Sealant Tape
- 581-A Gray Sealant Tape
- Infusion Flow Media
- Vacuum Pumps
- Vacuum Fittings and Supplies
- Resin Traps and Lines



### Epoxy Resin Kit for Small Repairs and Parts

Our 635 Epoxy Repair kit is ideal for small composite projects and repairs. Originally formulated and approved for Wind Turbine repair, this high strength resin is used in demanding applications worldwide. This kit contains pre-measured quantities of epoxy resin and hardener, sealed in pouches, ready for mixing. It contains no solvents or fillers and is primarily intended for hand lamination of composite parts. Simply remove the divider strip, mix resin and hardener together, and use. The convenient packaging eliminates the need for messy measuring and mixing supplies and ensures accurate ratios of resin-to-hardener every time.

#### Features

- Convenient size and packaging (300g or 10.58 ounces)
- Long shelf life (48 months) in originally sealed pouches
- Perfect mix ratio every time
- Approximate 20 minute pot life at room temperature
- Approved for field service repair by wind blade manufacturers

#### MGS 635 REPAIRSET

#A140635 300G BAG (EACH)  
300G BAG- CASE OF 10 BAGS

#A140635-A 10+ BOXES (PER BOX)  
#A140635-B 20+ BOXES (PER BOX)



### Fast Setting Bondings and Repairs on Composite Structures

BP20 is a solvent-free epoxy-based bonding paste which was especially developed for fast setting bondings in composites applications and for bondings of composites and metal. BP20 has a good degree of cure even at lower ambient temperatures. The cartridges allow for clean, selective application.

#### Features

- Fast setting bonds for composites and metal
- Long shelf life (48 months) in originally sealed containers
- Economical, clean, and selective application by cartridges
- Approximate 15 minute working time at room temperature
- Developed for professional and industrial use, but safe and easy enough for home projects.

#### MGS BP20

#A148P20 400ML CARTRIDGE (EACH)  
400ML CARTRIDGE- BOX OF 12

#A148P20-A 10+ BOXES (PER BOX)  
#A148P20-B 20+ BOXES (PER BOX)



### 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.



### 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](http://www.P65Warnings.ca.gov).



### 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.



### 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. #3300/3330 High Temp Tooling Epoxy wets-out tooling fabrics readily.



### 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](http://www.P65Warnings.ca.gov).



### System 4600 High Temperature Infusion Epoxy Resin

Hi-Temp and Low Viscosity Epoxy System

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.



### MGS 635 Repairset

Epoxy Resin Kit for Small Repairs and Parts

Our 635 Epoxy Repair kit is ideal for small composite projects and repairs. Originally formulated and approved for Wind Turbine repair, this high strength resin is used in demanding applications worldwide. This kit contains pre-measured quantities of epoxy resin and hardener, sealed in pouches, ready for mixing. It contains no solvents or fillers and is primarily intended for hand lamination of composite parts. Simply remove the divider strip, mix resin and hardener together, and use. The convenient packaging eliminates the need for messy measuring and mixing supplies and ensures accurate ratios of resin-to-hardener every time. **⚠️WARNING:** This product may contain one or more chemicals known to the state of California to cause cancer, birth defects or other reproductive harm.

Features

- Convenient size and packaging (300g or 10.58 ounces)
- Long shelf life (48 months) in originally sealed pouches
- Perfect mix ratio every time
- Approximate 20 minute pot life at room temperature
- Approved for field service repair by wind blade manufacturers

#A140635 300G BAG (EACH)  
300G BAG- CASE OF 10 BAGS

#A140635-A 10+ BOXES (PER BOX)  
#A140635-B 20+ BOXES (PER BOX)



### MGS BP20

Fast Setting Bondings and Repairs on Composite Structures

BP20 is a solvent-free epoxy-based bonding paste which was especially developed for fast setting bondings in composites applications and for bondings of composites and metal. BP20 has a good degree of cure even at lower ambient temperatures. The cartridges allow for clean, selective application. **⚠️WARNING:** This product may contain one or more chemicals known to the state of California to cause cancer, birth defects or other reproductive harm.

Features

- Fast setting bonds for composites and metal
- Long shelf life (48 months) in originally sealed containers
- Economical, clean, and selective application by cartridges
- Approximate 15 minute working time at room temperature
- Developed for professional and industrial use, but safe and easy enough for home projects.

#A148P20 400ML CARTRIDGE (EACH)  
400ML CARTRIDGE- BOX OF 12

#A148P20-A 10+ BOXES (PER BOX)  
#A148P20-B 20+ BOXES (PER BOX)





### ◆ Polyester Molding Resin

General Purpose Resin for Part/Mold Fabrication

#77 Molding Resin is ideal as an 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](http://www.P65Warnings.ca.gov)

- #77-F QUART (2 LBS)
- #77-A GALLON (9 LBS)
- #77-B 5 GALLON (40 LBS)
- #77-DRUM DRUM (500 LBS)
- #77/69-F QUART W/ HARDENER
- #77/69-A GALLON W/ HARDENER
- #77/69-AK 4 GAL W/ HARDENER



### ◆ Isophthalic Polyester Resin

Build Strength and Stability for Tough Parts

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

- #90-F QUART (2 LBS)
- #90-A GALLON (9 LBS)
- #90-B 5 GALLON (40 LBS)
- #90-DRUM DRUM (500 LBS)
- #90/69-F QUART W/ HARDENER
- #90/69-A GALLON W/ HARDENER
- #90/69-AK 4 GAL W/ HARDENER



### ◆ High-Strength Vinyl Ester Resin

High-Strength Corrosion Resistance

This tough, high-strength vinyl ester resin can be used to produce glass-reinforced laminates with excellent impact and stress-fatigue resistance. It has very good high temperature stability and resistance to a wide variety of corrosive environments. It is manufactured using statistical process controls, so consistent batch-to-batch performance is maintained. Formulated for 1.25% MEKP catalyzed.



#### ✓ 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.

- #1114-F QUART (2 LBS)
- #1114-A GALLON (9 LBS)
- #1114-B 5 GALLON (40 LBS)
- #1114-DRUM DRUM (500 LBS)
- #1114/69-F QUART W/ HARDENER
- #1114/69-A GALLON W/ HARDENER
- #1114/69-AK 4 GAL W/ HARDENER



### ◆ 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](http://www.P65Warnings.ca.gov)



#### ✓ 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.

- #1110-F QUART (2 LBS)
- #1110-A GALLON (9 LBS)
- #1110-B 5 GALLON (40 LBS)
- #1110-DRUM DRUM (500 LBS)
- #1110/69-F QUART W/ HARDENER
- #1110/69-A GALLON W/ HARDENER
- #1110/69-AK 4 GAL W/ HARDENER



### ◆ BPO Hardener

Easy-Blend Cream Hardener White BPO and Black BPO are cream hardeners for use with the #4100 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
- #264-B WHITE BPO, 4 OZ TUBE
- #265-A BLACK BPO, 1 OZ TUBE
- #265-B BLACK BPO, 4 OZ TUBE



### ◆ 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](http://www.P65Warnings.ca.gov).

- #4116-A QUART (3 LBS)
- #4116-B GALLON (12 LBS)
- #4116/264-A QUART W/ WHITE BPO HARDENER
- #4116/264-B GALLON W/ WHITE BPO HARDENER



### ◆ 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](http://www.P65Warnings.ca.gov).

- #4100-A QUART (2.75 LBS)
- #4100-B GALLON (11 LBS)
- #4100/264-A QUART W/ WHITE BPO HARDENER
- #4100/264-B GALLON W/ WHITE BPO HARDENER



**Styrene Thinner**

General Purpose Styrene

#70 Styrene Thinner is primarily used to thin polyester and vinyl ester resin and gel coat before use. We recommend 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](http://www.P65Warnings.ca.gov)

- #70-A QUART (2 LBS)
- #70-B GALLON (7.5 LBS)



**Styrene Wax**

Get a Complete Cure for Polyester Resins

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

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



**MEKP Hardener**

Industry Standard Catalyst

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

- #69-A 1 OZ
- #69-D GALLON (8 LBS)
- #69-E CASE (4 GAL)



**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](http://www.P65Warnings.ca.gov)

- #682-A QUART (2 LBS)
- #682-B GALLON (9 LBS)
- #682-C 5 GALLON (45 LBS)
- #682-DRUM DRUM (550 LBS)



- #682/69-A QUART W/ HARDENER
- #682/69-B GALLON W/ HARDENER
- #682/69-BK 4 GAL W/ HARDENER



**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](http://www.P65Warnings.ca.gov)

- #684-A QUART (2 LBS)
- #684-B GALLON (9 LBS)
- #684-C 5 GALLON (45 LBS)
- #684-DRUM DRUM (550 LBS)



- #684/69-A QUART W/ HARDENER
- #684/69-B GALLON W/ HARDENER
- #684/69-BK 4 GAL W/ HARDENER



**Clear Gel Coat**

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

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

- #180-A QUART (2 LBS)
- #180-B GALLON (9 LBS)
- #180-C 5 GALLON (40 LBS)



- #180/69-A QUART W/ HARDENER
- #180/69-B GALLON W/ HARDENER
- #180/69-BK 4 GAL W/ HARDENER



**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](http://www.P65Warnings.ca.gov).

**Orange**

- #188/69-A QUART W/ HARDENER
- #188/69-B GALLON W/ HARDENER
- #188/69-C 4 GAL W/ HARDENER

**Black**

- #186/69-A QUART W/ HARDENER
- #186/69-B GALLON W/ HARDENER
- #186/69-C 4 GAL W/ HARDENER



Bronze Butterfly with polyester resin and sunshield top coat wings.



## Fibre Glast Sponsorships



### Fibre Glast is proud to sponsor these organizations

We provide First Quality composite materials to help them pursue and achieve excellence.

To learn more about these organizations, visit [www.fibreglast.com/sponsorships](http://www.fibreglast.com/sponsorships).

### Infusion Adhesives

These adhesives are specifically designed for the infusion molding process, and will not interfere with the polymer matrix integrity and will cross-link with resins to create an integrated matrix. Infusion adhesives are designed to be applied to the reinforcing materials or mold prior to placement.



#### 1601-A Infusion Adhesive

**1601-A** is designed to adhere and hold reinforcing materials including fiberglass, soric, peel ply and core boards in place prior to and during infusion.

##### Product Usage

For heavier materials, apply adhesive to both surfaces about to be joined.

##### Key Features

- Pebble Spray Pattern
- Low Shrinkage during Cure
- NO HAPS
- Compatible with Infusion resins ASTM -D790 Concrete- 30%, Fiberglass- 20%.

#1601-A 13 OZ CAN  
#1601-B 12 CANS



#### 1602-A LVOC Infusion Adhesive

**1602-A** is specifically designed for the infusion molding process that meets the most strict VOC regulations. 1602-A is designed to adhere and hold reinforcing fiberglass materials including mats, pads and strips in place prior to and during resin infusion.

##### Product Usage

1602-A is specifically designed for the infusion molding process that meets the most strict VOC regulations. 1602-A is designed to adhere and hold reinforcing fiberglass materials including mats, pads and strips in place prior to and during resin infusion.

##### Key Features

- Low VOCs, NO HAPS
- SCAQMD Rule 1168 & OTC Compliant
- Fast Tack for securing reinforcing materials in mold
- Compatible with infusion resins.

#1602-A 13 OZ CAN  
#1602-B 12 CANS



#### 1604-A Marine Adhesive

**1604-A** is a high performance industrial strength contact adhesive formulated with zero VOCs to comply with CA and OTC state regulations. Water resistant and temperature resistant to over 200°F, 1604-A is designed for bonding a wide range of substrates to include decorative laminates and veneers, fiberglass, glass, upholstery, fabrics, foam, boat headliners, cork and particle board.

##### Product Usage

1604-A Marine Adhesive is designed to be applied to both surfaces about to be joined. Spray an even coat of adhesive with at least 80% to 100% coverage of each surface. Allow to dry 3-5 minutes til tacky

##### Key Features

- No VOCs
- SCAQMD Rule 1168 & OTC Compliant
- Flammable DOT
- Postformable
- Fast Tack
- High Temperature resistance
- Pebble Spray Pattern
- LEED Compliant
  - » LEED Schools EQ Credit 4.0
  - » LEED Core & Shell EQ Credit 4.0
  - » LEED ND & CI EQ Credit 4.1
  - » LEED EB MR Credit 3.0
  - » MR Credit 5.1 (specific projects must be evaluated)

#1604-A 13 OZ CAN  
#1604-B 12 CANS



#### 1603-A General Purpose Adhesive

**1603-A** is a high performance and versatile industrial strength contact adhesive. Water resistant, 1603-A is designed for bonding a wide range of substrates to include fabrics, marine foam and upholstery, cork and insulation.

##### Product Usage

1603-A General Purpose Adhesive is designed to be applied to both surfaces about to be joined. Spray an even coat of adhesive with at least 80% to 100% coverage of each surface. Allow to dry 2-4 minutes until tacky.

##### Key Features

- No HAPS, Low VOCs
- Strong Bonds
- Non-Chlorinated Solvent
- Web Spray Pattern
- Fast Tack
- Water Resistant
- Flammable DOT

#1603-A 13 OZ CAN  
#1603-B 12 CANS



**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)
- #571-B CARTON (6 LBS)
- #571-C CARTON (30 LBS)



**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 OZ)
- #544-B CARTON (1 LBS)
- #544-C CARTON (10 LBS)



**Thixotropic Silica**

Prevent Sags on Vertical Surfaces

Thixotropic Silica is a fine grade fumed silica thickening agent similar to Cab-O-Sil and is added to resin systems to prevent run-off and sags on vertical surfaces. Mix the 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 OZ)
- #23-C CARTON (7 LBS)
- #23-E CARTON (16 LBS)
- #23-D BAG (30 LBS)

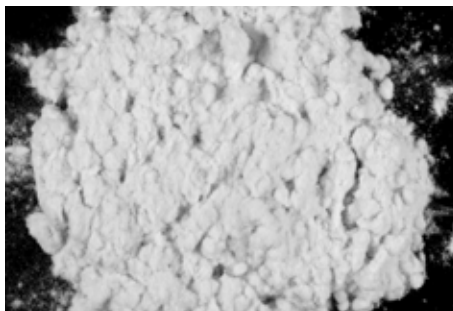


**1/4" Chopped Glass Fibers**

Build Strength for Resin Systems

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

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



**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)
- #329-B CARTON (8 LBS)
- #329-C BOX (25 LBS)
- #329-D BOX (50 LBS)



**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.

- #38-A 1/2 GALLON (2 LBS)
- #38-B CARTON (8 LBS)
- #38-C BOX (25 LBS)
- #38-D BOX (50 LBS)



**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 OZ)
- #22-B CARTON (3 LBS)
- #22-C CARTON (6 LBS)



**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](http://www.P65Warnings.ca.gov).

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

**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](http://www.P65Warnings.ca.gov)

<b>BLACK</b>		<b>WHITE</b>	
#43-B	1/2 PINT	#41-B	1/2 PINT
#43-C	1 QUART	#41-C	1 QUART
#43-D	1 GALLON	#41-D	1 GALLON
<b>RED</b>		<b>BLUE</b>	
#45-B	1/2 PINT	#52-B	1/2 PINT
#45-C	1 QUART	#52-C	1 QUART
#45-D	1 GALLON	#52-D	1 GALLON
<b>YELLOW</b>			
#47-B	1/2 PINT		
#47-C	1 QUART		
#47-D	1 GALLON		

**FIRST QUALITY COMPOSITE MATERIALS GUARANTEED**



**◆ 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" metalized 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.

<b>SILVER</b>		<b>BLUE</b>	
#879-A	4 OUNCES	#881-A	4 OUNCES
#879-B	1 POUND	#881-B	1 POUND
#879-C	4 POUNDS	#881-C	4 POUNDS
#879-D	10 POUNDS	#881-D	10 POUNDS
<b>RED</b>		<b>GOLD</b>	
#882-A	4 OUNCES	#883-A	4 OUNCES
#882-B	1 POUND	#883-B	1 POUND
#882-C	4 POUNDS	#883-C	4 POUNDS
#882-D	10 POUNDS	#883-D	10 POUNDS



**◆ 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, sprayer (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.

<b>FINE GRIT</b>		<b>MEDIUM GRIT</b>	
#4202-A	1/2 PINT	#4203-A	1/2 PINT
#4202-B	1 PINT	#4203-B	1 PINT
#4202-C	QUART	#4203-C	QUART
#4202-D	GALLON	#4203-D	GALLON

## GLITTERFLAKE APPLICATION GUIDE

COVERAGE	COLOR GEL COAT	CLEAR GEL COAT	GLITTERFLAKE	CLEAR GEL COAT
20 sq/ft	1 Quart (2 lbs)	1 Pint (1 lb)	1.6 ounces	1/2 Pint (0.5 lbs)
80 sq/ft	1 Gallon (8 lbs)	2 Quarts (4 lbs)	6.4 ounces	1 Quart (2 lbs)
400 sq/ft	5 Gallons (40 lbs)	2 Gallons (16 lbs)	25.6 ounces	1.5 Gallons (12 lbs)



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



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

Gel coat is the most common surface coating used in the fabrication and repair of fiberglass reinforced products. Gel Coat is a specially formulated two-part polyester resin that is designed to be the first layer of resin applied in a mold when making a polyester or vinyl ester composite part. It is intended to create an opaque surface which will completely block glass pattern show-through. Polyester resins in general, and specifically gel coats, are naturally UV resistant and properly cured parts can be submerged in water. Most boats are made using gel coat with polyester resin and fiberglass...

Read the full article in our Learning Center!  
<https://www.fibreglast.com/product/Gel-Coat-Application-Guide>



**● Gel Coat Cup Gun**

Efficient & Affordable: Unique Gel Coat Spray Gun

An inexpensive gel coat gun for spraying small to medium size molds. Avoids the high cost of catalyst injector systems and at the same time avoids the pitfalls of a regular spray gun. The resin and catalyst are mixed in disposable paper cups, the lid and nozzle assembly are pressed on, and the cup is placed on the gun. With the paper cup in a level position, depress the trigger and the air stream picks up the gel coat and provides a uniform, high velocity spray pattern. For clean up, merely remove the cup from the gun, and just clean the lid and nozzle. Cup capacity is one quart. Ships with a 3/16" ID nozzle, others sold separately. Replacement Parts Available.

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

#120-A



**● 0.6 Liter Gel Coat Touch-Up Spray Gun**

Customize your Spray Pattern for Heavy-Duty Jobs

This is a heavy duty gun offering a range of adjustments that will allow the spray pattern to be customized to the specific project. This gun is ideal for larger repairs and small to medium projects, with a wide variety of patterns and pressure adjustments to suit the needs of your project. This gun comes fitted with a 2.5mm nozzle, which is ideal for any of our gel coats. Ships complete with a one pint cup, cleaning brush, and 1 mini filter. Replacement Parts Available.

- Pressure Required: 40-80 psi
- Compressor required: 1.5 HP
- Air Consumption: 4.7-7.1 CFM
- Air Connection 1/4" NPT
- Dry Weight: 1.55 lbs

#126-A



**● 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  
#136-B LINERS FOR SPRAY GUN (PACK OF 100)



**● Pressure-Fed HVLP Spray Gun**

For ChromaGlast™ Paints and Primers

This ergonomically designed paint gun is just what you need to add a clean, protective finish to your composite part. This HVLP (High Volume, Low Pressure) paint gun controls the air pressure to ensure a greater paint transfer efficiency, resulting in less overspray and less paint wastage. You'll end up with a smooth, beautiful paint finish. Rebuild Kit and 1.4mm Nozzle Tip are also available.

- 1/4" NPS air inlet
- 1.6mm spray tip
- 1 Quart Capacity

#235-A 1L PRESSURE-FED HVLP SPRAY GUN  
#236-A 1.4MM NOZZLE TIP  
#237-A REBUILD KIT



**● 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 (28)
- Capacity: 1 Quart

#238-A 1L GRAVITY-FED HVLP SPRAY GUN  
#239-A REBUILD KIT



**● Preval Sprayer**

No Battery. No Cord. Just Right for Small Jobs.

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.

#2320-A PREVAL POWER UNIT  
#2323-A PREVAL SPRAYER KIT  
#2324-A PREVAL SPRAYER V-GRIP KIT  
#2327-A PREVAL SPRAYER VALUE PACK



connect with us!



◆ 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](http://www.P65Warnings.ca.gov).

- #1042-A GALLON
- #1042-B CASE (4 GAL)



◆ Duratec® Gray Surfacing Primer

Easy Sand, Best Choice Primer for Plugs and Molds

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

- #1041-A QUART
- #1041-AK CASE (6 QTS)
- #1041-B GALLON
- #1041-C CASE (4 GAL)



◆ 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](http://www.P65Warnings.ca.gov).

- #1039-A QUART
- #1039-B CASE (6 QTS)
- #1040-B GALLON
- #1040-C CASE (4 GAL)



◆ Duratec® Gray Vinyl Ester Primer

Ultimate Barrier Coat For Corrosion And Marine Applications

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

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

- #1046/69-A GALLON W/HARDENER
- #1046-A GALLON (11.18 LBS)
- #1046-AK CASE (4 GALLONS)



◆ 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](http://www.P65Warnings.ca.gov)

- #1045/69-B GALLON W/HARDENER
- #1045/69-C CASE (4 GAL) W/HARDENER
- #1045-A QUART (2.5 LBS)
- #1045-AK CASE (6 QUARTS)
- #1045-B GALLON (8.85 LBS)
- #1045-C CASE (4 GALLONS)



◆ 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](http://www.P65Warnings.ca.gov)

- #2306-A GALLON
- #2306-B CASE (5 GAL)



**Same Day Shipping**

For orders placed before 2:30pm ET



**900+  
COLORS**

*UV Protection &  
Blister Resistant  
Color Gel Coat.*



◆ **RAL Color Book**

Color Match for Traditional Favorites

188 Colors. This color book has RAL standard colors that we can precisely create in a batch of gel coat made just for you. No more experimenting to get the color you need. Our high quality machine, software, base and pigments are quite simply the best available. You'll receive consistent, high standard, perfectly matched color every time.

- #4008-A RAL COLOR BOOK
- #4088-RENTAL RAL COLOR BOOK - 30 DAY RENTAL



◆ **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

- #4009-A INSTINT® COLOR BOOK
- #4089-RENTAL INSTINT® COLOR BOOK - 30 DAY RENTAL

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

◆ **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

- |           |                              |        |               |
|-----------|------------------------------|--------|---------------|
| #700/69-A | QUART WITH HARDENER          | #700-A | QUART         |
| #700/69-B | GALLON WITH HARDENER         | #700-B | GALLON        |
| 700/69-BK | CASE (4 GALLONS) W/ HARDENER | #700-C | 5 GALLON PAIL |



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



Premium

# Single Stage Paint

For Fiberglass & Composites

## 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 ft<sup>2</sup> 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 #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

**RAL Colors  
Now Available!**



### ChromaGlast™ High Solids Primer Surfacer & Sealer

Dual-Purpose Undercoating System

ChromaGlast™ High Solids Primer Surfacer Sealer is a dual-purpose undercoating system that can be used as a Primer Surfacer for 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 specialized 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
- #5060/5061-C 2 GALLON KIT
- BLACK KITS**
- #5064/5061-B 1/2 GALLON KIT
- #5064/5061-C 2 GALLON KIT

- GRAY KITS**
- #5062/5061-B 1/2 GALLON KIT
- #5062/5061-C 2 GALLON KIT

**\*TO SEE ALL AVAILABLE COLORS PLEASE VISIT OUR WEBSITE OR RENT OUR #4008-A RAL COLOR BOOK OR #5040-A CHROMAGLAST™ COLOR BOOK**



### 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 ¾ 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)



### ChromaGlast™ Exempt Solvent

Compatible with ChromaGlast™ Products

The #5028 Solvent is the best option for reducing any of the ChromaGlast™ paints, primers, and sealers. Our high quality solvent is designed to be compliant for use in our low VOC paint with its exempt formula. Using this specialty solvent

will reduce paint-finish errors like orange peeling and pin holes. This solvent is packaged in a 32 oz metal container for easy storage between projects.

#5028-B CHROMAGLAST™ EXEMPT SOLVENT (32 OZ)



### 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 ¾ quart or ¾ gallon.

- #5040-A PURCHASE
- #5040-RENTAL 30 DAY RENTAL



### 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)



### ChromaGlast™ Gray Epoxy Primer Sealer

Compatible with ChromaGlast™ Products

ChromaGlast™ #5052 Gray

Epoxy Primer Sealer is a first-class undercoating designed to protect composite and metal substrates while providing excellent paint adhesion and consistent color. This premium formula is easy to mix, easy to spray, and fast drying. It is compatible with properly cleaned fiberglass, carbon fiber, SMC, and Kevlar® using polyester, vinyl ester, and epoxy resins. It can also be used with aluminum and carbon steel, but must be primed immediately after sanding. Our primer can be used with new work or repairs with a formula that is trusted by OEM manufacturers worldwide. ChromaGlast™ #5052 Primer features a low 2.1 VOC (max). One gallon Ready-to-Spray will cover up to 708 ft<sup>2</sup> 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

#5052/5053-C GALLON KIT



### 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
- #3810-A DATALOGGER 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



### 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



### Pinless Moisture Meter

Test Moisture Content without Penetrating the Surface

The Pinless Moisture Meter measures moisture content in composite materials, as well as substrates such as foam and wood, by simply running the probe over the surface. This non-destructive moisture detector is capable of measuring up to 1.6" (40mm) into the surface of the material. The Pinless Moisture Meter is used prior to laminating over a substrate like wood to check its moisture content. It can also be used to measure the moisture content of reinforcement fabrics that have been packed in plastic or stored in high humidity environments. Excessive moisture can impede proper cure and 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



### Stainless Steel Digital Stem Thermometer

Ideal for Testing Resin Temperature

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

- #3800-A STEM THERMOMETER
- #3801-A STEM THERMOMETER W/ NIST CERTIFICATION



### 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
- #3818-A DIGITAL CALIPER W/ NIST CERTIFICATION



### Ultrasonic Thickness Gauge

Measure Thickness of Composite Parts to 0.01mm

Our Ultrasonic Thickness Gauge is capable of measuring the thickness of a wide variety of materials, including composite substrates and laminates. This instrument gives you the ability to gauge thickness measurements when instruments such as calipers cannot reach both sides of the test piece. This is particularly beneficial when measuring wind blade thickness, large aerospace components and industrial fiberglass tanks and piping. The Ultrasonic Thickness Gauge can measure a wide range of materials including metals, plastics, ceramics, glass, and other ultrasonic conductive materials down to 0.01mm. It is equipped with a large, easy-to-read, backlit LCD display, and its internal memory can store up to 500 measurements at a time. Our Ultrasonic Thickness Gauge comes complete with ultrasonic couplant gel, probe, batteries and a hard-carrying case.

Our Ultrasonic Thickness Gauge 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.

- #3814-A ULTRASONIC THICKNESS GAUGE
- #3815-A ULTRASONIC THICKNESS GAUGE - WITH NIST CERTIFICATION



### Video Inspection Camera - Recordable

Ideal for Inspecting Aircraft, Automobiles, and Piping Systems

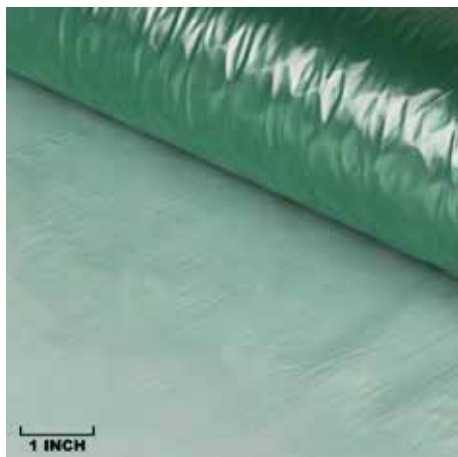
Our Video Inspection Camera allows you to inspect hard to reach places such as composite vessels, tubes, and piping in a non-destructive manner. It features a 39" gooseneck cable with 9mm camera. The gooseneck design allows the video cable to retain its configured shape when in use. The 9mm camera is 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



connect with us!

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.

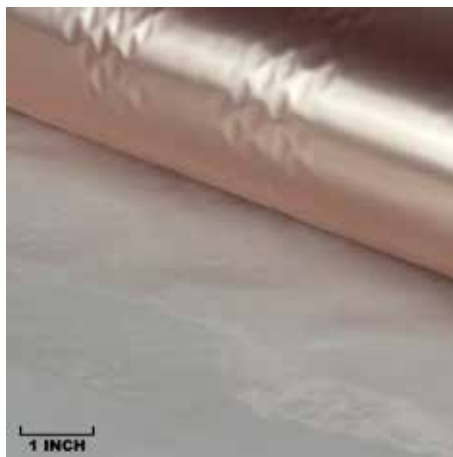


**● Stretchlon® 200 Bagging Film**

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 autoclave 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.

<b>60" WIDE</b>	<b>60/120"</b>
#1678-A 1 YD ROLL	#1778-A 1 YD ROLL
#1678-B 3 YD ROLL	#1778-B 3 YD ROLL
#1678-C 5 YD ROLL	#1778-C 5 YD ROLL
#1678 10+ YARDS	#1778 10+ YARDS



**● 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.

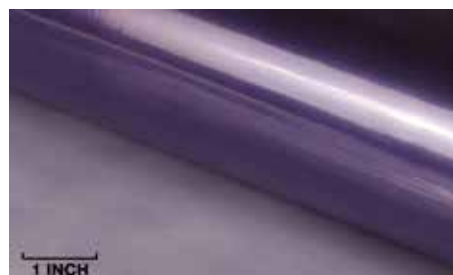
<b>60" WIDE</b>	<b>60/120"</b>
#1688-A 1 YD ROLL	#1788-A 1 YD ROLL
#1688-B 3 YD ROLL	#1788-B 3 YD ROLL
#1688-C 5 YD ROLL	#1788-C 5 YD ROLL
#1688 10+ YARDS	#1788 10+ YARDS



**● 400Y Nylon Bagging Film**

This premium vacuum bagging film is ideal for marine and wind energy applications. A tough, high elongation elastomeric film, it's suitable for de-bulking applications and oven curing of composites up to temperatures of 302 degrees (F). Due to the film's high elasticity, the necessity for pleats is reduced in vacuum bagging and debulk operations. Preferred for wind turbine blade repair. Maximum temperature use of 302 degrees (F). Provides good release from sealant tape.

<b>47" WIDE</b>	
#1793-A	1 YD ROLL
#1793-B	3 YD ROLL
#1793-C	5 YD ROLL

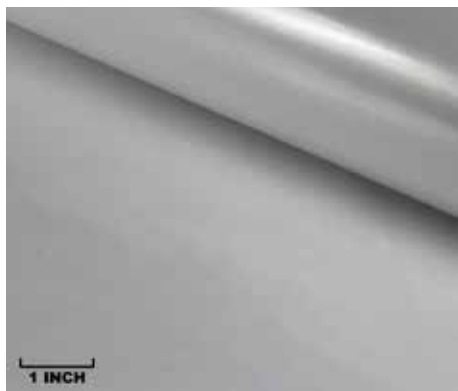


**● Nylon Bagging Film Below 300°F**

Particularly 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.

<b>59" WIDE</b>	<b>60" TUBE</b>
#1783-A 1 YD ROLL	#1785-A 1 YD ROLL
#1783-B 3 YD ROLL	#1785-B 3 YD ROLL
#1783-C 5 YD ROLL	#1785-C 5 YD ROLL
#1783 10+ YARDS	#1785 10+ YARDS



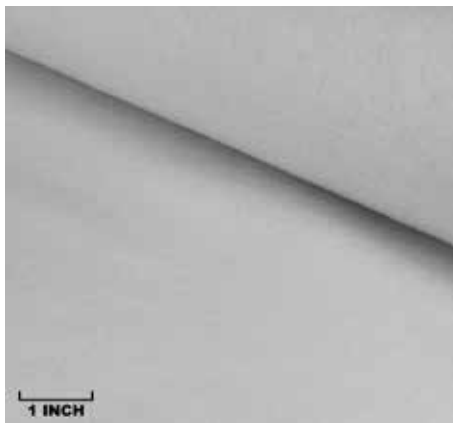
**● Polyethylene Bagging Film**

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.

<b>24" WIDE</b>	<b>48" WIDE</b>
#3577-A 1 YD PKG	#3578-A 1 YD PKG
#3577-B 3 YD PKG	#3578-B 3 YD PKG
#3577-C 5 YD PKG	#3578-C 5 YD PKG
#3577 10+ YARDS	#3578 10+ YARDS

<b>60" WIDE</b>
#3579-A 1 YD PKG
#3579-B 3 YD PKG
#3579-C 5 YD PKG
#3579 10+ YARDS

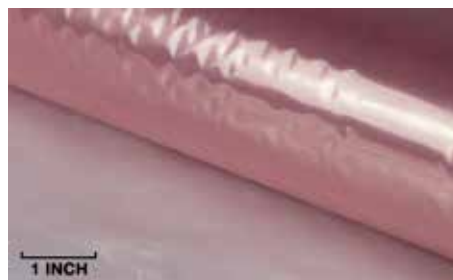


**● Breather And Bleeder Cloth**

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.

<b>4 OUNCE</b>	<b>7 OUNCE</b>
#579-A 1 YD PKG	#1779-A 1 YD ROLL
#579-B 3 YD ROLL	#1779-B 3 YD ROLL
#579-C 5 YD ROLL	#1779-C 5 YD ROLL
#579 10+ YARDS	#1779 10+ YARDS



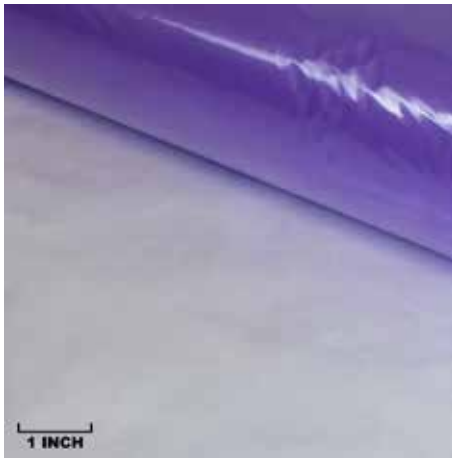
**● Nylon Bagging Film Above 300°**

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.

<b>60" WIDE</b>
#1786-A 1 YD ROLL
#1786-B 3 YD ROLL
#1786-C 5 YD ROLL
#1786 10+ YARDS



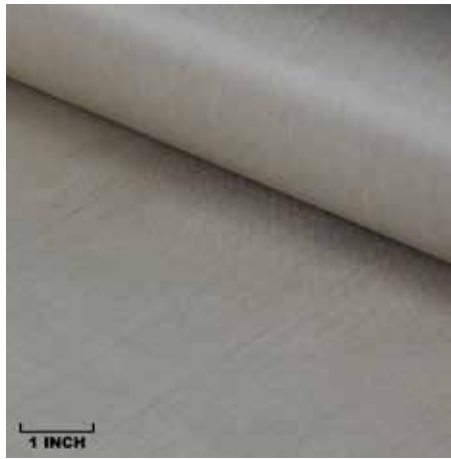


### High Temperature Release Film

Extreme Conformability for High-Temperature Applications

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

<b>60" WIDE - NON-PERF</b>	<b>60" WIDE - PERFORATED</b>
#3782-A 1 YD ROLL	#3787-A 1 YD ROLL
#3782-B 3 YD ROLL	#3787-B 3 YD ROLL
#3782-C 5 YD ROLL	#3787-C 5 YD ROLL
#3782 10+ YARDS	#3787 10+ YARDS

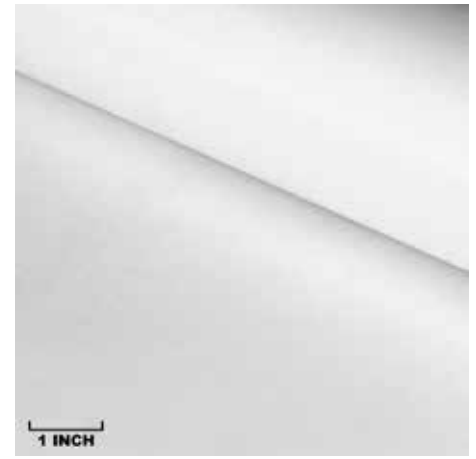


### PTFE Coated Fiberglass

High Temperature Release Fabric

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

<b>38" WIDE - POROUS</b>	<b>50" WIDE - POROUS</b>
#1586-A 1 YD ROLL	#3586-A 1 YD ROLL
#1586-B 3 YD ROLL	#3586-B 3 YD ROLL
#1586-C 5 YD ROLL	#3586-C 5 YD ROLL
#1586 10+ YARDS	#3586 10+ YARDS
<b>50" WIDE - NON-POROUS</b>	
#3587-A 1 YD ROLL	
#3587-B 3 YD ROLL	
#3587-C 5 YD ROLL	
#3587 10+ YARDS	

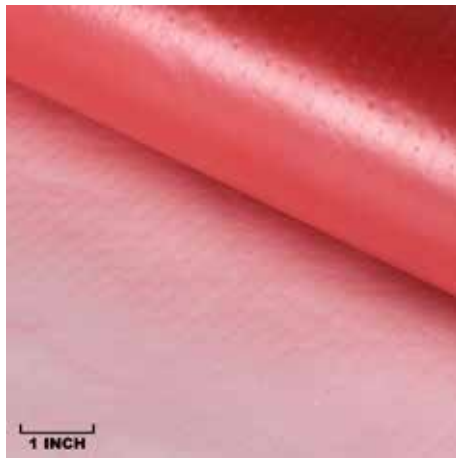
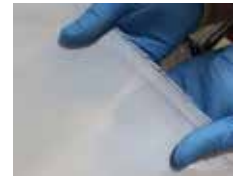


### Polyester Peel Ply

Ideal for Secondary Bonding

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

<b>60" WIDE</b>	
#583-A 1 YD PKG	
#583-B 3 YD PKG	
#583-C 5 YD PKG	
#583 10+ YARDS	

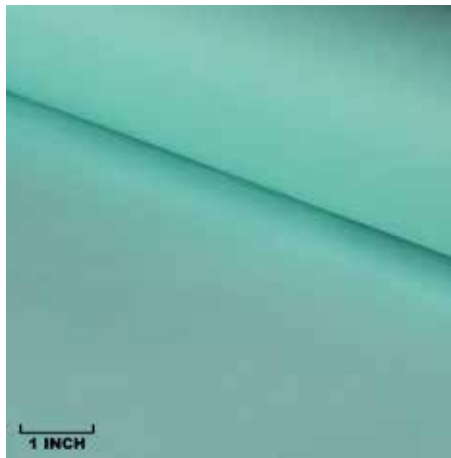


### Low Temperature Release Film

High Gloss Film, With or Without Perforations

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

<b>60" WIDE - PERFORATED</b>	<b>60" WIDE - NON-PERF</b>
#1580-A 1 YD PKG	#1781-A 1 YD PKG
#1580-B 3 YD PKG	#1781-B 3 YD PKG
#1580-C 5 YD PKG	#1781-C 5 YD PKG
#1580 10+ YARDS	#1781 10+ YARDS

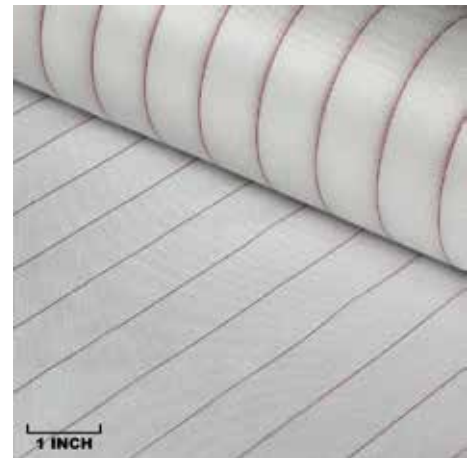


### Nylon Release Peel Ply

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.

<b>60" WIDE</b>	
#582-A 1 YD PKG	
#582-B 3 YD PKG	
#582-C 5 YD PKG	
#582 10+ YARDS	



### Econostitch® Peel Ply

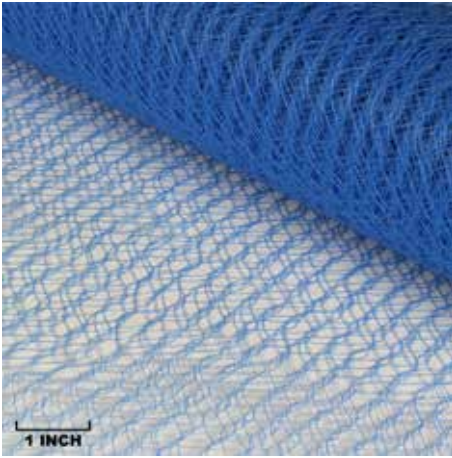
Visible Before and After Cure

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

<b>30" WIDE</b>	<b>60" WIDE</b>
#1583-A 1 YD PKG	#1582-A 1 YD PKG
#1583-B 3 YD PKG	#1582-B 3 YD PKG
#1583-C 5 YD PKG	#1582-C 5 YD PKG
#1583 10+ YARDS	#1582 10+ YARDS



connect with us!

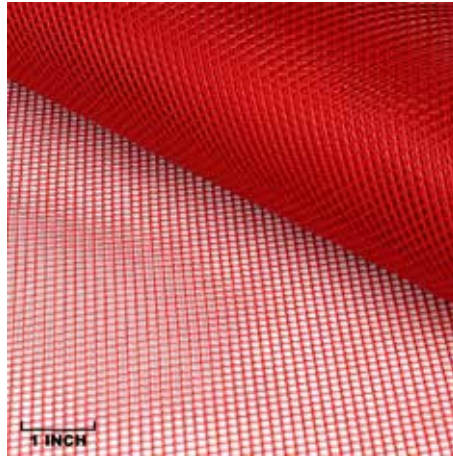


**Enka® Fusion Nylon Flow Media**

8.7 oz/sq yd, 39" 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.

- 39" WIDE
- #1401-A 1 YD ROLL
- #1401-B 3 YD ROLL
- #1401-C 5 YD ROLL
- #1401-F FULL ROLL (84 YDS)
- #1401 10+ YARDS

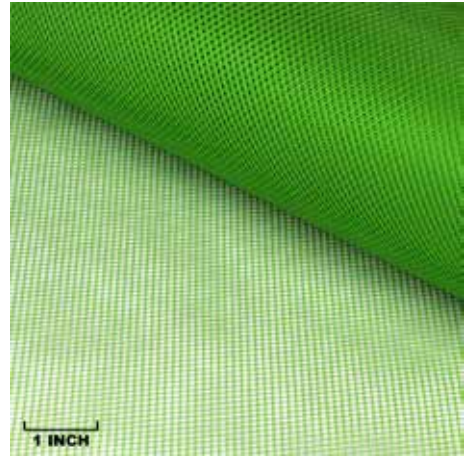


**Red LDPE Infusion Flow Media**

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.

- 60" WIDE
- #1405-A 1 YD ROLL
- #1405-B 3 YD ROLL
- #1405-C 5 YD ROLL
- #1405-F FULL ROLL (117 YDS)
- #1405 10+ YARDS

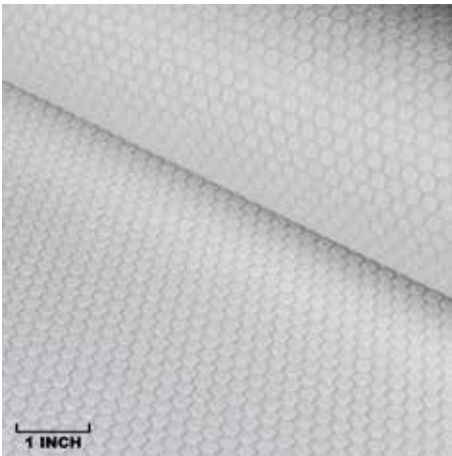


**Green HDPE Infusion Flow Media**

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.

- 42" WIDE
- #1406-A 1 YD ROLL
- #1406-B 3 YD ROLL
- #1406-C 5 YD ROLL
- #1406-F FULL ROLL (117 YDS)
- #1406 10+ YARDS

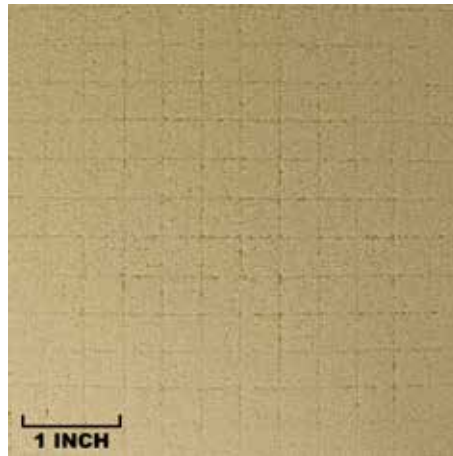
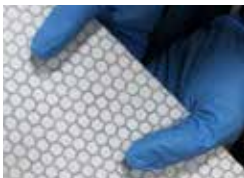


**Lantor Soric® XF**

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.

- 50" WIDE
- #1408-A 1 YD ROLL
- #1408-B 3 YD ROLL
- #1408-C 5 YD ROLL
- #1401 10+ YARDS



**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".

- #1024-A 1 SHEET



**Vacuum Infusion Sample Pack**

Feel and Compare our selection of Infusion Media

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

SAMPLE PACK  
#4020-A  
INDIVIDUAL SWATCHES

**\$25 OFF COUPON  
INCLUDED WITH PURCHASE**



connect with us!



**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.

#2403 1 FOOT



**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.

- #1403-A 10 FT SPOOL
- #1403-B 50 FT SPOOL
- #1403-E 100 FT SPOOL
- #1403-C CARTON (3 - 50 FT SPOOLS)
- #1403-D CASE (10 - 50 FT SPOOLS)



**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

- #1400-A 5 YD ROLL
- #1400-B 10 YD ROLL
- #1400-C CASE (4-10 YD ROLLS)



**Same Day Shipping**

For orders placed before 2:30pm EST



**Double-Backed Tape**

Perfect for holding Spiral Tubing

Our Double-Backed Tape is a double-sided fabric reinforced tape with a rubber based adhesive on both sides. It is designed specifically for holding down plastic spiral tubing used as a vacuum manifold in the resin infusion process. It can also be used to hold honeycomb cores during machining while allowing the core to be removed without residue. The thick adhesive coating ensures that material is held firmly in position. This tape is suitable for use with metallic and non-metallic core.

- 1" WIDE  
#3584-A 1 ROLL  
#3584-B CASE (48 ROLLS)
- 2" WIDE  
#3585-A 1 ROLL  
#3585-B CASE (24 ROLLS)



**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.

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

- 1523-A 2 QUART RESIN TRAP
- 1524-A 4.25 QUART RESIN TRAP
- 1525-A 8.25 QUART RESIN TRAP



Each Resin trap come complete with glycerin-filled vacuum gauge, fittings for use with 1/2" vacuum tubing, brass ball valve and instruction manual.



**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!  
<https://www.fibreglast.com/product/vacuum-infusion-Guide>



◆ 1/16 hp Rocking Piston Vacuum Pump

Lightweight combination vacuum pump and compressor. This lightweight yet durable offers oil-less operation to ensure the discharge air remains free of contamination from lubricants. It can be used as a compressor or vacuum pump for maximum flexibility and its quiet operation makes it ideal for noise sensitive environments while performing vacuum infusion processes, as well as many industrial applications. In addition, this pump's simple field serviceability extends the life of the product and maximizes uptime. ⚠️ **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](http://www.P65Warnings.ca.gov).

1/16 HP ROCKING PISTON VACUUM PUMP  
#2501-A



◆ 1/4 hp Rocking Piston Vacuum Pump

This sleek, new rocking piston vacuum pump/compressor redefines industry standards by delivering excellent vacuum performance at significantly lower sound levels. Re-engineered from the ground up, this oil-less rocking piston compressor and vacuum pump offers outstanding performance, durability, and flexibility making it the ideal choice for a wide array of applications, especially vacuum bagging/infusion processes. This family of products can be upgraded with Sound Shield which delivers up to a 25% dB(A) drop and a 40% Sone decrease compared to our standard offerings. ⚠️ **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](http://www.P65Warnings.ca.gov).

1/4 HP ROCKING PISTON VACUUM PUMP  
#2502-A



◆ 1/2 hp DRocking Piston Vacuum Pump

With twice the horsepower as the 2502-A model, this rocking piston vacuum pump/compressor delivers outstanding performance for more demanding applications. The 2503-A vacuum pump/compressor offers all of the same benefits as its smaller sibling, but with almost double the CFM and increased PSI. This family of products can be upgraded with Sound Shield which delivers up to a 25% dB(A) drop and a 40% Sone decrease compared to our standard offerings. ⚠️ **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](http://www.P65Warnings.ca.gov).

1/2 HP DRocking PISTON VACUUM PUMP  
#2503-A



◆ 3/4 Dry Vane hp vacuum pump

The easy to install, rugged 2504-A allows for higher vacuum levels and provides better internal corrosion protection and longer life. Its internal sound suppression results in lower operating noise levels, which makes it well suited for noise sensitive environments like laboratory applications. In addition, this compact unit offers high flow, pulse free air making it ideal for applications requiring consistent air pressure and air flow. ⚠️ **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](http://www.P65Warnings.ca.gov).

3/4 DRY VANE HP VACUUM PUMP  
#2504-A



◆ 1 hp Dry Vane Vacuum Pump

For maximum horsepower in industrial applications, look no farther than the 2505-A Dry Vane vacuum pump. With a maximum 13 CFM pulling 26 in-Hg, this workhorse will meet all of your vacuum infusion-bagging needs. It offers the same internal sound suppression as the 2504-A, making it ideal for noise sensitive environments. ⚠️ **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](http://www.P65Warnings.ca.gov).

1 HP DRY VANE VACUUM PUMP  
#2505-A



◆ Sound Shield Kit

The new Sound Shield is the only technology of its kind. It significantly reduces sound levels and perceived loudness of the 2502-A and 2503-A families of pumps and compressors without affecting their performance. The result is a quieter, more pleasant working environment that increases user comfort and productivity. ⚠️ **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](http://www.P65Warnings.ca.gov).

SOUND SHIELD KIT  
#2506-A



**Same Day Shipping**

For orders placed before 2:30pm ET



### Brass/Plastic Two-Way Shutoff Valve

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

#2224-A BRASS BALL VALVE

#909-A TWO-WAY SHUTOFF VALVE



### 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

#901-A PLASTIC BARB FITTING



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

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

#2219-A SCREW-ON DISCONNECT

#2222-A MALE QUICKCHANGE STEEL NIPPLE

#2223-A FEMALE QUICKCHANGE STEEL NIPPLE



### 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.

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

MALE TO MALE FITTING

#2226-A



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

SMALL REGULATOR/FILTER

#2215-A



### 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



### Vacuum Generator

Easily Converts Your Air Compressor into a Vacuum

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

VACUUM GENERATOR

#1148-A



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

THRU-BAG VACUUM CONNECTOR W/ QUICK CHANGE CONNECTOR

#910-A

THRU-BAG VACUUM CONNECTOR W/ HOSE BARB CONNECTOR

#915-A



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

- Connect using our #898-A T-Attachment.
- Use with our #902-A Bleedoff Valve.
- Get direct reading out of the vacuum bag with our #910-A Thru-Bag Vacuum Connector.

VACUUM GAUGE

#896-A



### 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" of Hg vacuum when coupled in-line to an air compressor that produces as little as 1.6CFM at 30-75psi. This Vacuum Generator features no moving parts for zero maintenance and ships fully assembled and features a quick-connect fitting for attachment to air supply. **⚠️WARNING: This product can expose you to chemicals including Nickel, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.**

HIGH EFFICIENCY VACUUM GENERATOR

#2229-A





◆ **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



◆ **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



◆ **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



◆ **Bleedoff Valve Assembly**

Introduce Vacuum Relief

Our #902 Bleedoff Valve Assembly permits the installation of a vacuum gauge at the pump, while also permitting you to introduce vacuum relief if reduced pressure is desired. Vacuum Gauge sold separately. ⚠️WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

#902-A BLEEDOFF VALVE ASSEMBLY



◆ **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.

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

#898-A T-FITTING ONLY  
#2218-A T-FITTING WITH GAUGE



◆ **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 190F. When properly equipped, you can easily connect these hoses to your air source, our #2229-A or #1148-A Vacuum Generators, our #2215-A or #2216-A Regulator/Filters, any of our Gel Coat Spray Guns and our #1171-A Chopper Gun. ⚠️WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

#2217-A 5 FEET  
#2217-B 10 FEET  
#2217-C 25 FEET  
#2217-D 50 FEET



◆ **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



◆ **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



◆ **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



**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.

- 1" WIDE #584-A 1 ROLL
- 2" WIDE #1784-A 1 ROLL



**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.

- #581-A 1 ROLL
- #581-B CASE (40 ROLLS)



**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.

- #580-A 1 ROLL
- #580-B CASE (40 ROLLS)



**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.

- 1.25" WIDE #1791-A 1 ROLL
- 2.25" WIDE #1792-A 1 ROLL
- #1791-B CASE (10 ROLLS)
- #1792-B CASE (10 ROLLS)



**Flow Regulator**

Easy Crimp to Control Resin Flow

Clamping off tubing to begin and end resin flow is a critical step in any infusion project, and these devices make it easy. Create the tubing t block off flow and then lock into place using this regulator.

- #1605-A FLOW REGULATOR



**Hose Cutters**

Easy-View Window Permits Clean, Accurate Cuts

The easiest way to cut tubing, these handy hose cutters do the job quickly and keep you moving. Use with any of our tubing for clean cuts every time, even at awkward angles.

- #1501-A HOSE CUTTER



**Vacuum Bagging Materials Sample Pack**

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

- SAMPLE PACK #4002-A INDIVIDUAL SWATCHES

**\$25 OFF COUPON INCLUDED WITH PURCHASE**



**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.

- #1504-A STETHOSCOPE



Customer submission: "Aerodynamic shell that increases the speed of my trike by 20%. Carbon fiber weighs about 12 lbs."



connect with us!



**◆ 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 2 lb. Mix and Pour Foam (#24/25), so it can be easily cut and shaped with a sharp knife or sandpaper. Pattern-making has never been quicker! You can also glue together several sheets to form blocks as thick as necessary for shaping functional moldless-type parts.

- #440-C 3/4" X 4FT X 2FT (SET OF 3)
- #441-C 1" X 4FT X 2FT (SET OF 3)
- #442-C 1.5" X 4FT X 2FT (SET OF 3)
- #443-C 2" X 4FT X 2FT (SET OF 3)



**◆ 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.

- #448-D 1" X 4FT X 2FT (SET OF 4)



**◆ 6 Foot - 2 lb. Density Polyisocyanurate Foam Blocks**

Cut, Carve, Sand or Sculpt for Full Models

Polyisocyanurate foam has been a favorite material of pattern builders for years. With this 6 ft. x 4 ft. x 2 ft. block, you can cut, carve, sand, and sculpt nearly any shape without the hassle of gluing numerous sheets together or pouring your own block. Although this foam can be easily CNC machined, it should not be hot-wired. Professional results can be achieved by using a variety of hand tools to saw, carve, plane, and smooth out your shape. To use as a plug, build layers of reinforcement and resin directly onto foam to protect and strengthen your shape. Spray with Duratec® Surfacing Primer (#1041), and buff to a perfect shine.

- #445-A 2' X 4' X 6' POLYISOCYANURATE FOAM BLOCK



**◆ 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.

- #1562-A 1.8 LB - HALF SHEET (40" X 48")
- #1562-B 1.8 LB - FULL SHEET (40" X 100")
- #1562-C 1.8 LB - CASE (10 FULL SHEETS)
- #2562-A 3 LB - HALF SHEET (40" X 48")
- #2562-B 3 LB - FULL SHEET (40" X 100")
- #2562-C 3 LB - CASE (10 FULL SHEETS)



**◆ End Grain Balsa**

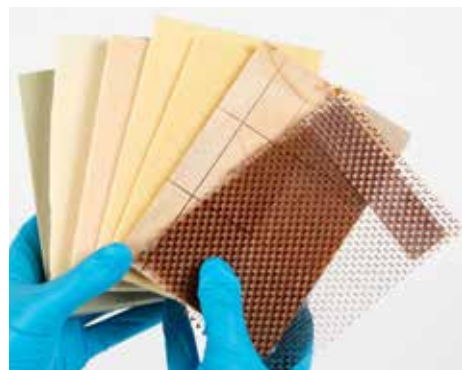
Conforms to Most Curves – Marine Grade

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

- #229-A 1/4" SHEET
- #230-A 3/8" SHEET
- #231-A 1/2" SHEET
- #232-A 3/4" SHEET



Woodward Beardsley



**◆ Sandwich Core Sample Pack**

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

- SAMPLE PACK
- #4021-A
- INDIVIDUAL SWATCHES

**\$25 OFF COUPON  
INCLUDED WITH PURCHASE**



**Same Day Shipping**

For orders placed before 2:30pm ET



### ◆ 2 lb. Polyurethane Mix & Pour Foam

Fill Cavities for Flotation and Reinforcement

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

- #25/326-A QUART KIT - 4.9 LB. (2 CUBIC FEET)
- #25/326-B GALLON KIT - 19.3 LB. (9 CUBIC FEET)
- #25/326-C 5 GALLON KIT - 96.5 LB. (45 CUBIC FEET)
- #25/326-DRUM 55 GALLON DRUM - 1000 LB. (500 CUBIC FEET)



### ◆ 6 lb. Polyurethane Mix & Pour Foam

Higher Density for Strength and Improved Detail

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

- #625/626-A QUART KIT - 5 LB. (0.8 CUBIC FEET)
- #625/626-B GALLON KIT - 19.6 LB. (3.25 CUBIC FEET)
- #625/626-C 5 GALLON KIT - 98 LB. (16.3 CUBIC FEET)
- #625/626-DRUM 55 GALLON DRUM - 1000 LB. (166 CUBIC FEET)



### ◆ 3 lb. Divinycell®: Vinyl Foam Sheets

Superior Mechanical and Insulative Properties

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

- #1022-A 1/8 INCH 32"X 48" SHEET
- #1491-A 3/8 INCH 32"X 48" SHEET
- #1492-A 1/2 INCH 32"X 48" SHEET



### ◆ 4 lb. Divinycell®: Vinyl Foam Sheets

Strikes Balance Between Strength and Weight

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

- #1493-A 3/8 INCH 32"X 48" SHEET
- #1494-A 1/2 INCH 32"X 48" SHEET



### ◆ 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.

- #1498-A 1/8 INCH 32"X 48" SHEET
- #1495-A 3/8 INCH 32"X 48" SHEET
- #1496-A 1/2 INCH 32"X 48" SHEET
- #1497-A 1 INCH 32"X 48" SHEET



connect with us!



# Chavant

## ◆ Since 1892, The Finest Name In Modeling Clay

Chavant has been producing non-drying modeling clays for over 100 years. Chaudé 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 manufactures the widest variety of premier quality, reasonably priced modeling clays available. Chavant clays are used by sculptors in the Fine Arts, Special Effects/Stage Props, Consumer Products, and Transportation Design Industries to name a few.



### ◆ Chavant Le Beau Touche Clay (Cream)

Extremely Smooth with Excellent Adhesion

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

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



### ◆ 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  
#1121-B 40 BLS (CASE OF 20 - 2 LB BLOCKS)



### ◆ 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 2 LB BILLET  
#1123-B 40 BLS (CASE OF 20 - 2 LB BILLETS)



### ◆ 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 1.75 LB BILLET  
#1122-B 35 BLS (CASE OF 20 - 1.75 LB BILLETS)



### ◆ Chavant Monu-Melt Hard Design Clay

Melttable 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 2 LB BLOCK  
#1124-B 40 BLS (CASE OF 20 - 2 LB BLOCKS)



**Urethane Casting Resin - Shore A**

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](http://www.P65Warnings.ca.gov)

- |                    |                    |
|--------------------|--------------------|
| <b>40 SHORE</b>    | <b>60 SHORE</b>    |
| #3340-A QUART KIT  | #3360-A QUART KIT  |
| #3340-B GALLON KIT | #3360-B GALLON KIT |



**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). **⚠️WARNING:** Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

- |                    |
|--------------------|
| <b>60 SHORE</b>    |
| #3460-A QUART KIT  |
| #3460-B GALLON KIT |



**Urethane Casting Resin - 75 Shore D**

Get Superior Stiffness for Detailed Castings

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

- |                    |
|--------------------|
| <b>75 SHORE</b>    |
| #3475-A QUART KIT  |
| #3475-B GALLON KIT |



**Fast Set Tooling/Prototyping Urethane Kit**

Put Parts into Service within a Day!

#4113 Fast Set Tooling / Prototyping Urethane Kit is a two-part urethane casting system for molds or parts. This metallic grey urethane cures rapidly, so it can be mixed, poured, and demolded very quickly. Most castings made with this fast setting tooling urethane can be demolded in 30 to 40 minutes and can be put into service within a day.

- |                    |
|--------------------|
| #4113-A GALLON KIT |
|--------------------|



**Plastic Stirrer For Urethanes**

Moisture-Free and Reusable Stir Sticks

Our reusable Plastic Stirrers are ideal for mixing any product, but are necessary whenever you're working with moisture-sensitive urethane casting resins. This Plastic Stirrer for Urethanes measures in at 11.5" long and 1" wide with alternating 1/4" and 3/16" mixing holes to assist in the mixing process. Wooden paint stirrers can trap moisture and contaminate urethanes if used for mixing prior to cure.

- |                                       |
|---------------------------------------|
| #2333-A PLASTIC STIRRER FOR URETHANES |
|---------------------------------------|



**Urethane Pigments**

Create Opaque Urethane Parts

These Urethane Pigments are a paste for tinting Urethane Casting Resins. Add pigments 2%-4% by weight to the urethane resin prior to the addition of catalyst. We have made every effort to accurately represent the cured color of our resins with these pigments.

- |                 |                 |
|-----------------|-----------------|
| #143-B 1/2 PINT | #141-B 1/2 PINT |
| #143-C QUART    | #141-C QUART    |
| #143-D GALLON   | #141-D GALLON   |



**Easy Clean Mold Release For Urethanes**

Easy to Apply, Easy to Clean Off

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

- |                         |
|-------------------------|
| #4120-A QUART           |
| #4120-B CASE (6 QUARTS) |



● **Stoner's Miracle Gloss® Conditioner and Release Wax**

All-in-One Complete Mold System

Stoner's Miracle Gloss® is a complete production mold system based upon proper mold preparation and a unique paste wax blend. It yields a number of advantages: Miracle Gloss® is specially formulated to provide the maximum number of releases per application. It consistently delivers very high gloss. No time-consuming sprays or additional steps are involved—it's designed for simple wipe-on, wipe-off. With proper care, fabricators get dependable, trouble-free part release. This system is compatible with PVA, our part #13, for added release insurance.

- #119-A 11 OZ TIN
- #119-B CASE (12 - 11 OZ TINS)



● **Mold Release Clip System**

Quick, Sturdy Fastening System for Molds

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

- #792-A FASTENING CLIP PLIERS
- #785-A FASTENING CLIPS

● **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.



- #66-A 3-1/8" X 10" RIGID
- #365-A 1-3/4" X 10" THIN RIGID
- #364-A 1-3/4" X 10" THIN FLEXIBLE
- #64-A 2-1/4" X 6" RIGID
- #796-A 1-1/4" X 4" RIGID
- #778-A 1-1/4" X 4" 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.

- #1016-A 24 OZ TIN
- #1016-B 7 LB TUB



● **Non-Silicone High-Temperature Paste Wax**

Mold Release for High Working Temps

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

- #4121-A 1 LB CAN
- #4121-B CASE (6 - 1 LB CANS)



● **Air Injected Wedge**

Use Air to Carefully Separate Stubborn Parts

Standard wedges can only reach a few inches into the mold, but air pressure will travel all the way to the sticking point to provide pressure where it is needed most. This heavy duty poly-pro wedge is designed for extra long life.

- #958-A AIR INJECTED WEDGE



● **PVA Release Film**

Easy Spray-On – Easy Release for Molds

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

- #13-A QUART
- #13-B GALLON
- #13-C CASE (4 GALLONS)



● **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](http://www.P65Warnings.ca.gov)

- #1153 QUART (32 FLUID OZ)



**◆ 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.

- #1102-A STEP 1 (1 LB CAN)
- #1102-B STEP 1 (5 LB CAN)
- #1103-A STEP 2 (1 LB CAN)
- #1103-B STEP 2 (5 LB CAN)



**◆ 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.

- #1104-A BUFFING PAD



**◆ 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.

- #2138-A 100 GRIT DOUBLE SIDED ABRASIVE SPONGE
- #2138-B 12 - 100 GRIT DOUBLE SIDED ABRASIVE SPONGES
- #2136-A 150 GRIT DOUBLE SIDED ABRASIVE SPONGE
- #2136-B 12 - 150 GRIT DOUBLE SIDED ABRASIVE SPONGES
- #2137-A 220 GRIT DOUBLE SIDED ABRASIVE SPONGE
- #2137-B 12 - 220 GRIT DOUBLE SIDED ABRASIVE SPONGES



**◆ 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.

- #962-A 3M™ WETORDRY™ SPONGE PAD



**◆ 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.

- #113-F MEGUIAR'S MACHINE GLAZE



**◆ 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.

- #968-A 1 SHEET OF EACH (5 TOTAL SHEETS)
- #969-A 5 SHEET OF EACH (25 TOTAL SHEETS)
- #970-A 10 SHEET OF EACH (50 TOTAL SHEETS)

**◆ 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 shaping of the plug or finish sanding of the clear gel coat on a cosmetic repair.

- #961-A HARD RUBBER SANDING BLOCK







### ◆ Disposable Lab Coat

Comfortable, Safe Coverage, Easy Clean-Up

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

- #540-A LARGE - DISPOSABLE LAB COAT
- #550-A X-LARGE - DISPOSABLE LAB COAT
- #551-A XX-LARGE - DISPOSABLE LAB COAT



### ◆ 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



### ◆ 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 X-LARGE - DISPOSABLE BODY SUIT
- #555-A XX-LARGE - 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/m<sup>3</sup>. Meets OSHA standards for use up to 10x PEL.

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



### ◆ 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
- #351-A PREFILTER RETAINERS (PACK OF 2)
- #352-A PREFILTERS (PACK OF 2)
- #354-A CARTRIDGES (PACK OF 2)
- #355-A COMBINATION CARTRIDGE



**◆ Vinyl Gloves**

Heavy Duty Protection, Even Against Solvents

These heavy-duty vinyl gloves stand up to resins and solvents unlike their latex counterpart, but make a slight compromise where "feel" is concerned. They are pre-powdered and ambidextrous for easy slide onto either hand, and meet USDA standards for use.

- #21-A SMALL (BOX OF 100)
- #26-A LARGE (BOX OF 100)
- #755-A X-LARGE (BOX OF 100)



**◆ Latex Gloves**

Protect Hands for Most Lamination Projects

For most lamination projects, these affordable latex gloves will last for several hours at a time. They are pre-powdered and ambidextrous for easy slide onto either hand, and offer an excellent feel for working with your parts. PLEASE NOTE: These gloves will not withstand solvents and may need to be changed during a project, depending on conditions

- #3-A SMALL (BOX OF 100)
- #10-B LARGE (BOX OF 100)



**◆ Flock Lined Latex Gloves**

For Extended Use with Resin and Solvents

For some projects, standard latex and vinyl gloves just don't get the job done. These thicker, heavy-duty latex gloves are just right for protecting hands that work continuously in resin and solvent. Gloves are tight-fitting, feature an embossed grip, and are nearly one foot long, reaching well beyond the wrist for added protection. They may be cleaned for more than one use, or simply pitched when the project is complete.

- #616-A LARGE - SINGLE PAIR
- #617-A X-LARGE - SINGLE PAIR



**◆ Nitrile Gloves**

Excellent for General Use

Nitrile gloves are excellent general use gloves in a chemical or solvent environment and are an excellent alternative for anyone with latex allergies. They are tight fitting and offer excellent dexterity. But don't hold up for more than about 10 minutes with styrene. They are pre-powdered and ambidextrous.

- #16-A LARGE - (BOX OF 100)
- #17-A X-LARGE (BOX OF 100)



**◆ Safety Goggles**

Impact Resistant and Ventilated for Comfort

Protect your eyes from vapors and potential splashes in the workshop. Safety goggles come with a wide, coated polycarbonate lens to resist impact and nearly 100% of harmful UVA/UVB rays. Goggles are also ventilated to prevent fogging and for added comfort.

- #539-A SAFETY GOGGLES



**◆ Safety Glasses**

Compatible with Respirators and Most Eyeglasses

Take this simple precaution to prevent particles and potential splashes from getting into your eyes. They're made to work with half-face respirators and most prescription eyewear.

- #559-A SAFETY GLASSES



**◆ 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!  
<https://www.fibreglast.com/product/safety-in-composites>



**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
- #1741-A REPLACEMENT BLADE
- #1742-A REPLACEMENT BLADE W/ SHOE
- #1743-A BATTERY
- #1744-A CHARGING BASE
- #1745-A CORD ADAPTER
- #1746-A AC ADAPTER



**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 fiber. 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



**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



**Carbon Fiber Bent Scissors**

Extra Leverage and Comfort for Long Cuts

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

- #2734-A CARBON FIBER BENT SCISSORS



**Featherweight Scissors**

Lightweight, Durable, and Extremely Sharp

Gingher® 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.

- #536-A FEATHERWEIGHT SCISSORS

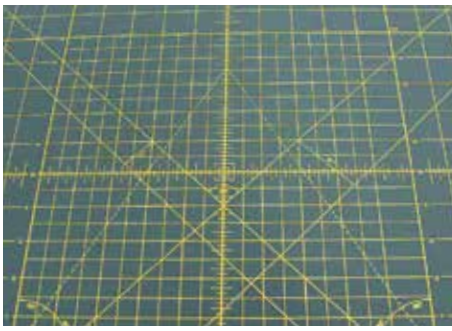


**Modified Kevlar® Scissors**

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



### OLFA® Cutting Mats

Protect Fabric from Snags — Protect your Tabletop

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"
- #1708-A CUTTING MAT 24" X 36"
- #1710-A CUTTING MAT 35" X 70" (3 PIECES)



### 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"



### 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



### 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



### 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



### 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



### 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
- #1925-A SHARPIE® SILVER FABRIC MARKER



### 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 OZ BOTTLE)



connect with us!



### ◆ 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



### ◆ 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



### ◆ 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

### ◆ 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



## Same Day Shipping

For orders placed before 2:30pm ET



**Complete Composite Workcenter**

Keep Materials Organized, Clean and Accessible

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

#1723-A COMPLETE COMPOSITE WORKCENTER



**Cutting Station**

A Must-Have for the Busy Composites Workshop

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

#1722-A CUTTING STATION



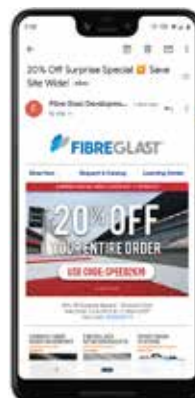
**Want To Learn How To Set Up Your Own Composite Workshop? Read Our Setting Up A Composite Shop Article In The Learning Center On Our Website.**

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>



Customer Submission, University of Las Vegas, Nevada



**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



### ◆ 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



### ◆ Perma-Grit® Rotary Attachments

Cut and Shape Laminates with Handheld Rotary

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

#1919-A 7 PIECE KIT

#1901-A 3/4" CUTTING WHEELS

#1902-A 1-1/4" CUTTING WHEEL



### ◆ 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 diamond materials.

#1903-A BLADES TO FIT BOSCH/MAKITA

#1904-A BLADES TO FIT BLACK & DECKER



### ◆ 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 interlaminar 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



### ◆ 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"

#1906-A PERMA-GRIT® SQUARE BLOCK 11" X 2"

#1907-A PERMA-GRIT® COARSE CONTOUR BLOCK

#1908-A PERMA-GRIT® FINE CONTOUR BLOCK

#1909-A PERMA-GRIT® WEDGE BLOCK

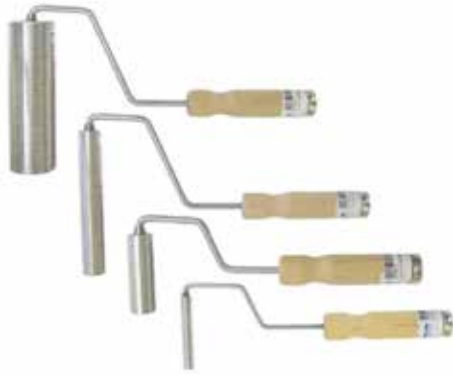


### ◆ Want To Learn More About How To Cut Laminates? Read Our Learning Center Article.

Cutting composites is uniquely difficult when compared to cutting wood, metal, or other more traditional building materials. There are 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.fibreplast.com/product/composite-laminate-cutting>

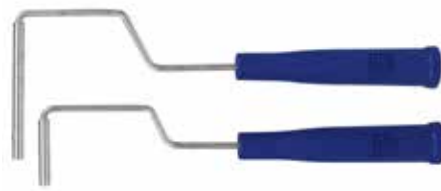


**Aluminum Rollers With Wood Handles**

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" DIAMETER X 3" WIDE ROLLER
- #68-A 1" DIAMETER X 3" WIDE ROLLER
- #102-A 1" DIAMETER X 6" WIDE ROLLER
- #65-A 2" DIAMETER X 6" WIDE ROLLER



**Aluminum Rollers With Plastic Handles**

Designed to Eliminate Air from Lightweight Fabrics

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

- #764-A 1/4" DIAMETER X 1-1/2" WIDE ROLLER
- #763-A 1/4" DIAMETER X 1-1/2" WIDE ROLLER



**Aluminum Slotted Paddle Roller**

Get More Air Release in Hard-to-Reach Spaces

This specialty roller is ideal for laminations that require added pressure to eliminate deeper air bubbles. Slotted paddle fins are rigid to rupture air bubbles in tight areas, particularly for unidirectional fabrics.

#940-A ALUMINUM SLOTTED PADDLE ROLLER



**Thin Fin Mini Roller**

Eliminate Air in the Tight Spots

These all-metal rollers are made to last and small enough to reach tight, complex spots. Thin vertical fins saturate fabric with resin and push out trapped air. Rollers are approximately 8" in total length.

- #366-A 1/4" DIAMETER X 1" WIDE ROLLER
- #367-A 1/4" DIAMETER X 2" WIDE ROLLER



**Barrel Rollers**

Contoured Head for Small, Tight Areas

These rollers feature a barrel-shaped head that is wider in diameter at the center and slightly tapered to both ends. Also referred to as "radius" rollers, as they are well suited for curved, or concave surfaces.

- #1151-A 1" DIAMETER X 1-1/2" WIDE PLASTIC BARREL ROLLER
- #414-A 1" DIAMETER X 3" WIDE PLASTIC BARREL ROLLER
- #416-A 1" DIAMETER X 2" WIDE ALUMINUM BARREL ROLLER



**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



**Plastic Rollers**

Eliminate Air on Flat Surfaces and Gradual Curves

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

- #411-A 1/2" DIAMETER X 3" WIDE ROLLER
- #412-A 1" DIAMETER X 3" WIDE ROLLER
- #413-A 1" DIAMETER X 6" WIDE ROLLER



**Economy Wire Handle Rollers**

Remove Air from Smaller, Flatter Applications

Plastic roller heads are straight across their width and provide excellent air relief for most smaller applications. Both sizes feature thin, parallel fins.

- #541-A 1/2" DIAMETER X 3" WIDE ROLLER
- #542-A 1" DIAMETER X 3" WIDE ROLLER



**Plastic Radius Roller**

Bust Air Pockets in Narrow Spaces

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

#415-A 2" DIAMETER X 1/4" WIDE ROLLER





◆ **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 tough to clean.

#1105-A 1" DIAMETER X 3" WIDE ROLLER



◆ **Polyester & Mohair Roller Covers**

Tough Enough to Handle Resins and Cleaners

Will your paint roller stand up to resin? Because a dissolving roller is not the way to start a fiberglass project. All of our rollers are backed with two layers of polypropylene to get you through each lamination, start to finish. Clean them with acetone for use on multiple projects, or dispose of them after creating each part—they're affordable enough to keep a few on hand.

1/4" NAP SMOOTH POLYESTER  
#2947-A 4" WIDE ROLLER

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

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

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

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



◆ **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  
#2234-A 7" WIDE QUICK CHANGE ROLLER CAGE  
#2235-A 9" WIDE QUICK CHANGE ROLLER CAGE

**PROFESSIONAL GRADE ALUMINUM ROLLER SLEEVES**



◆ **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 raised "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  
#2246-A 7" ROLLER SLEEVE  
#2247-A 9" ROLLER SLEEVE



◆ **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  
#2237-A 7" ROLLER SLEEVE  
#2238-A 9" ROLLER SLEEVE



◆ **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  
#2243-A 7" ROLLER SLEEVE  
#2244-A 9" ROLLER SLEEVE



◆ **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  
#2240-A 7" ROLLER SLEEVE  
#2241-A 9" ROLLER SLEEVE



**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
- #31-A 1.5" BRISTLE BRUSH
- #32-A 2" BRISTLE BRUSH
- #33-A 3" BRISTLE BRUSH



**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



**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
- #2674-A 2" POLYESTER BRUSH
- #2700-A 4" POLYESTER BRUSH



**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

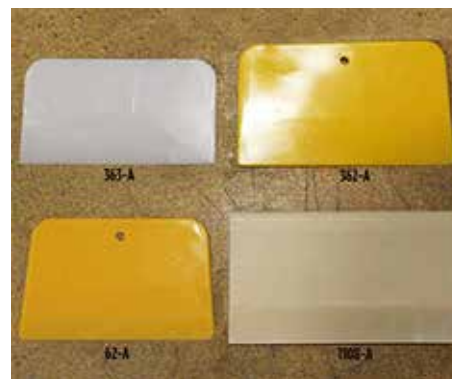


**2" Wide - Cut Bristle Brush**

Perfect for Stippling Resin into Mat and Fabric

Quality laminates begin with quality tools. These Black China Bristle Brushes feature shorter, stiffer bristles that are less likely to fall out—and perfect for stippling resin into mats and fabric, and applying smooth surface coats. Along with an easy-grip wooden handle, these brushes resist solvents and deliver durability you can count on.

#2331-A CUT BRISTLE BRUSH - 2" WIDE



**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
- #362-A 3" X 6" PLASTIC SQUEEGEE - PLIABLE
- #62-A 3" X 5" PLASTIC SQUEEGEE - PLIABLE
- #1108-A 3" X 6" RUBBER SQUEEGEE



connect with us!

Skywater Studios, Monroe, WA  
Deco art fiberglass tree made to look like old metal. Gel Coats and fiberglass matting were used to achieve this effect.



**◆ 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



**◆ 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



**◆ 5 Gallon Starter Kit**

Tools to Tackle a Larger Lamination Project

This starter kit has everything you need to do a typical lamination involving 5 gallons of resin. This kit includes: (1) 7" Birdcage Roller, (12) 7" Mohair Roller Covers (1/4" Nap), (1) 1"x 3" Plastic Roller, (6) 3" Brushes, (6) 2" Brushes, (6) Squeegees, and (50) Pairs of Gloves.

#593-A 5 GALLON STARTER KIT



**◆ 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

#588-A QUART MIXING SET



**◆ Gallon Mixing Set**

All You Need to Mix a Gallon of Resin

This mixing set contains everything required to mix a gallon of resin and corresponding hardener. Includes: (5) 1-Quart Paper Tubs, (3) 1-Pint Paper Tubs, (2) 9 Oz Cups, (2) 4 Oz Cups, (2) 1 Oz Cups, (1) Teaspoon/Tablespoon, (5) Mixing Sticks, and (8) Pairs of Gloves

#589-A GALLON MIXING SET



**◆ 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



**◆ 1 Pint - Paper & Plastic Mixing Tubs**

Convenient Mixing Cups for the Shop

Our Plastic Measuring Tub will stand up to resins, thinners, and solvents, however, our Paper Mixing Tubs are ideal for mixes of all sorts but will not stand up to Acetone.

- #885-A 1 PINT PAPER (SLEEVE OF 25)
- #885-C 1 PINT PAPER (SLEEVE OF 50)
- #885-B 1 PINT PAPER (BOX OF 500)
- #885-D 1 PINT PAPER (CASE OF 1000)
- #510-A 1 PINT PLASTIC (SLEEVE OF 25)
- #510-B 1 PINT PLASTIC (CASE OF 500)



**◆ 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 resins, but will now stand up to Acetone.

- #14-A 10-PINT PAPER MIXING TUB (EACH)
- #14-B 10-PINT PAPER TUBS - CARTON OF 100
- #12-A 5-PINT PAPER MIXING TUB (EACH)
- #12-B 5-PINT PAPER TUBS - CARTON OF 100



**◆ Plastic Mixing Buckets**

Stands Up to Resins, Thinners and Solvents

Our plastic mixing buckets will stand up to resins, thinners, and solvents.

- #505-A GALLON PLASTIC MIXING TUBS
- #505-B GALLON PLASTIC MIXING TUBS - CARTON OF 100



### ● 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.

- #845-A QUART - CLICSEAL POUR SPOUT
- #846-A GALLON - CLICSEAL POUR SPOUT



### ● MEKP Dispensers

Safe, Accurate, Easy Dispense of MEKP

MEKP should be handled with the utmost care—and these unique, graduated bottles are designed for just that. Once the catalyst has been poured into the holding container, simply squeeze 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.

- #166-A 16 OZ - MEKP DISPENSER
- #2266-A 32 OZ - MEKP DISPENSER



### ● 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.

- #877-A MEKP CAP



### ● Teaspoon/Tablesipon Measuring Set

Two Small Measurements in One Handy Tool

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

- #55-A TEASPOON/TABLESPOON MEASURING SET



### ● 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.

- #824-A QUART/GALLON - RESIN PUMP
- #823-A 5 GALLON - RESIN PUMP



### ● 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.

- #319-A PINT MIXER
- #320-A GALLON MIXER
- #321-A 5 GALLON MIXER



### ● Spatula Heads

Clean & Easily Dispense Resin & Gel Coat

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

- #847-A SPATULA HEAD



### ● Mixing Sticks & Paddles

Keep a Handful Around the Shop

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

- #58-A 6" MIXING STICK (BAG OF 100)
- #58-B 6" MIXING STICK (BOX OF 500)
- #58-C 6" MIXING STICK (CARTON OF 5000)
- #511-B 9" MIXING PADDLE EACH
- #511-C 9" MIXING PADDLE (BOX OF 100)
- #512-B 12" MIXING PADDLE EACH
- #512-C 12" MIXING PADDLE (BOX OF 100)
- #1600-A 21" LINE HOLDER/MIXING PADDLE



### ● 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.

- #2269-A 8 OZ POLYPROPYLENE JAR
- #2272-A 8 OZ POLY JAR LID
- #2270-A 16 OZ POLYPROPYLENE JAR
- #2273-A 16 OZ POLY JAR LID
- #2271-A 32 OZ POLYPROPYLENE JAR
- #2274-A 32 OZ POLY JAR LID



### ● Plastic Cups

Graduated and Solvent-Proof to Suit Needs

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

- #59-B 1 OZ GRADUATED CUPS (SLEEVE OF 100)
- #59-C 1 OZ GRADUATED CUPS (CASE OF 5000)
- #1378-A 4 OZ CUP WITH LID
- #1378-B 4 OZ CUP WITH LID (CASE OF 100)



### ● 9oz 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.

- #718-B SLEEVE OF 25
- #718-C CASE OF 500



### ● 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.

- #821-A 8 OZ CUP/SCOOP
- #2263-A 16 OZ CUP/SCOOP



### ● EZ Mix Containers

Take the Guess and Mess Out of Pouring

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

- #2276-A 16 OZ. EZ MIX CUP
- #2277-A 24 OZ. EZ MIX CU
- #2278-A 16 & 24 CUP LID
- #2279-A 2.4 QT- PITCHER P



### ● 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.

- #815-A 4 OZ. FUNNEL
- #817-A 16 OZ. FUNNEL
- #818-A 32 OZ. FUNNEL



### ● 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



### ● 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



### ● 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
- #105-B 3 CC W/SMALL NEEDLE (BOX OF 100)
- #107-A 30 ML SYRINGE W/O NEEDLE
- #107-B 30 ML SYRINGE W/O NEEDLE (BOX OF 30)
- #106-A 30 ML SYRINGE NEEDLES
- #106-B 30 ML SYRINGE NEEDLES (BOX OF 100)
- #2275-A 60 ML SYRINGE, CATHETER TIP
- #2275-C 60 ML SYRINGE, CATHETER TIP (BOX OF 40)



### ● Wypall® Waterless Hand Wipes

No Solvents, No Rinsing, Easy On Hands.

Wypall™ Waterless Hand Wipes pack a two-part punch. They feature a unique, natural formula powerful enough to instantly remove dirt, ink, resins, caulks, tar, adhesives, urethanes, paint, dyes, oil, and grease without having to rinse hands with water. The special dual-textured wipe traps the materials being removed within the towel. This prevents the materials from being re-deposited back on the skin.

- #2406-A WYPALL® X80 PAPER WIPES



### ● 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)
- #9-B GALLON (6.7LBS)
- #9-C 5 GALLON PAIL (33.5 LBS)



### ● 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



Shirley Sanchez, University of North Carolina Charlotte Rocketry Club.

## The Fibre Glast Difference

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

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

**Fibre Glast sends material certifications with every order.**

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

### First Quality Reinforcements

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

**We require that all of our fabrics are...**

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

### What about seconds?

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

### First Quality Resins

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



**Post your next project**  
on Instagram and be sure to use

#MadeWithFibreGlast

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

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

### First Quality Supplies

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

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

### Secure Ordering



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

### Customer Focus

Most orders placed by 2:30pm ET ship same day and over 97% of our orders ship within 24 hours of receipt. We take on big lead times that have become common in our industry to make our products available to you today.

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

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

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



**Leave a product review**  
on our website.

Your feedback helps us improve!

## How To Order

### ONLINE

www.fibreglast.com

Browse a huge selection of products.

Purchase online through an easy, secure process.

### PHONE: 1.800.214.8568

Speak to a sales representative. Place your order, obtain a quote, or get more information about our products.

### FAX: 937.833.6555

EMAIL: sales@fibreglast.com

### HOURS OF OPERATION:

8:00am - 5:00pm ET

Monday - Friday

## Policies & Guarantees:

### PAYMENT METHODS

Visa, MasterCard, Discover, and American Express are the accepted credit cards. Net 30 Terms may be available to some qualified U.S. corporate clients. Prepayments may be made by ACH or 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, LLC.

### PRODUCT GUARANTEES

All products except Polyester resins, Vinyl Ester resins, and Gel Coats are guaranteed to have a six-month shelf life from date of purchase when stored in unopened containers and at ambient temperatures. Polyester resins, Vinyl Ester resins, and Gel Coats have a three-month guarantee.

### RETURNS

Notify customer service for instructions and authorization. Customer is responsible for all outbound shipping charges resulting from items ordered in error. All ChromaGlast Paint and Gel Coats are made to order and are therefore nonrefundable. Items can only be returned in unopened containers or packages determined to be in saleable condition at the discretion of Fibre Glast Developments Corporation, LLC.

### 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.



connect with us!

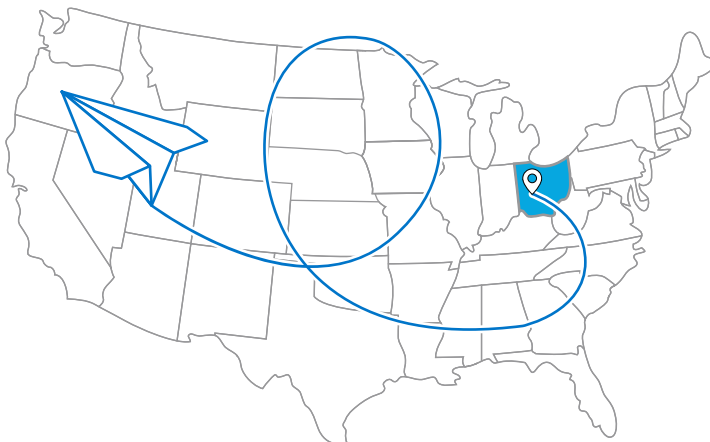
International Air and Freight shipments charged carrier rate plus Handling. Hazard Charges added separately at carrier rate. Prices subject to change without notice. Orders shipped best way, FOB Brookville, OH.

Not responsible for typographical errors.

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

## Shipping

Our Central Location is capable of reaching 70% of the US population in 3 days shipping via UPS ground.



### HAZARD 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.



## What is the Fibre Glast Difference?

- Our products are all certified and traceable.
- We provide same-day quotes.
- We can ship our bulk chemicals by land or air.
- All Fibre Glast fabrics and resins are proudly Made In the USA.



**SHOP NOW** | [FIBREGLAST.COM](https://www.fibreplast.com)

ISO 9001:2015 CERTIFIED

**Same Day Shipping**

If ordered before 2:30pm ET

**1.800.214.8568** | 8AM-5PM ET | Monday through Friday

