CARBON GRAPHITE YARN TOW
High strength (470,000 PSI) carbon fibers are used in reinforcement in high performance structural composites for aircraft applications, recreational and industrial products. Carbon fiber yarn fibers are finer than a human hair. These filaments are bundled together to make a fiber of 3,000, 6,000 or 12,000 filaments which is called a “tow.” The tow is sized with an epoxy compatible material to improve the handling characteristics. It is then wound on a cardboard core holding from 4 to 6 pounds of fiber. 1 lb. spool.

### Actual Size | Part No. | Approx. Yield | Roll Size | Price/Spool
--- | --- | --- | --- | ---
3K Tow | 01-00043 | 2470 Yd./lb. | 4 lb. | $392.00
6K Tow | 01-00037 | 1229 Yd./lb. | 1 lb. | $79.65
12K Tow | 01-00045 | 621 Yd./lb. | 2 lb. | $149.95

It appears that the 6K tow will prove most practical for homebuilding applications. This size will be available in the small units shown. The 3K and 12K sizes are offered in full spools only. The 3K tow is sized primarily by weavers. The 12K is difficult to wet out but can be done by diligent brushing.

**SYSTEM THREE QUIKFair EPOXY FAIRING PUTTY**
Lightweight, micro balloon filled, fast curing 2-part epoxy fairing putty with excellent moisture resistance. Use on both fiberglass and wood epoxy structures above or below the waterline. At 70°F it is sufficiently cured to be hand sanded in 3 hours or machine sanded in 4 hours. This allows you to apply 3 coats in a standard 8 hour shift or 6 in a round the clock batch. Complete a fairing or fibrating job in a day rather than 3 or 4 days. NOTE: QuikFairs warm butter-like consistency makes it easy to measure by weight. Use care when measuring by volume as QuikFair does not self-level and may trap air pockets. As QuikFair is fast curing the working time is short. Mix no more than can be applied within 10 minutes.

### EPOXY PREMIUM PIGMENTS
These Premium Pigments are a paste to tint polyester, vinyl ester, epoxy resin, and polyurethane. Add about 6% to 8% of pigment by weight or 1/2 pint of pigment per gal. of resin.
- White - 1 oz. P/N 01-45308 $5.95
- White - 8 oz. P/N 01-45501 $19.95
- Black - 1 oz. P/N 01-45319 $6.50
- Black - 8 oz. P/N 01-45512 $20.50

**IMPACT RESISTANT LAMINATING EPOXY**
DLRH-3212 is an unfilled, clear epoxy resin system with a long pot life. DLRH-3212 is a tough, strong, impact resistant resin with chemical resistance. It has excellent wetting quality on kevlar, carbon graphite and fiberglass cloth. Used extensively in construction of aircraft, race cars, motorcycles, helmets and sports equipment. Mixing Ratio by Wt: 100:30; Pot Life (200 Gr Mass) 60 Min; Tensile Strength 25 C 12,500; Flexural Modulus @ 25 C 40,000; Heat Deflection 325 F; Thermal Shock 72°F-125°F. Shore “D” 80; Density: Resin 9.7; Hardener 7.5; Mixed 9.1; Shelf Life: Resin/ Hardener 1 Year.

- Qi Kit P/N 01-00430 $61.85
- Gal Kit P/N 01-00431 $169.95
- 5 Gal Kit P/N 01-00432 $835.00

**GRAPHITE – LAMINATING EPOXIES**

### GRAPHTEC 30-Minute Medium R/T Epoxy Hardener

### Low Viscosity Laminating Resin
- 1307 LV, Pail (40 lbs) P/N 01-07917 $337.00
- 1307 LV, Gallon (8 lbs) P/N 01-07914 $72.85

**Fast Hardener**
- 3102, Gallon (8 lbs) P/N 01-07920 $418.00
- 3102, Quart (2 lbs) P/N 01-07919 $87.50
- 3102, Gallon (8 lbs) P/N 01-07922 $90.00
- 3102, Quart (2 lbs) P/N 01-07918 $23.50

**Medium Hardener**
- 1317, Gallon (40 lbs) P/N 01-07921 $390.00
- 1317, Gallon (8 lbs) P/N 01-07922 $90.00
- 1317, Quart (2 lbs) P/N 01-07923 $25.60

**Kits**
- Jefferco Epoxy, 1 gal. kit, fast P/N 01-07916 $96.00
- Jefferco Epoxy, 5 gal. kit, fast P/N 01-07925 $474.95
- Jefferco Epoxy, 1 gal. kit, medium P/N 01-07924 $94.75
- Jefferco Epoxy, 5 gal. kit, medium P/N 01-07925 $475.95

**AEROPOXY PT2712 VACUUM INFUSION EPOXY**
PT2712 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 routinely. The cured properties of this system are very high, so it produces items with good strength and toughness with excellent long-term stability. Three hardeners are available for use with this resin, which provide a range of working times. The hardeners have gel times of approximately 1 hour, 2 hours and 3 hours, so, by proper selection between the three, it is possible to easily refine any size structure. The three hardeners are identical except for reaction time, so no matter which hardener is chosen, the user can expect the same high performance properties. The mixed viscosity with all three hardeners is just over 300 centipoise, so the material flows very well, even in thin walled areas. It penetrates heavy fabric sections and wets out quickly for further ease of production.

### FIRE RETARDANT LAMINATING EPOXY KITS
The epoxy systems in this group are highly engineered products designed to meet or exceed the requirements of the various flame retardant specifications for which they were developed. They are filled laminating compounds that have good handling characteristics and provide very high physical properties in addition to their excellent fire retardant capabilities. They are well suited to a wide variety of production and tooling applications where the combination of very good physical properties and outstanding flame retardant abilities will provide durable parts and tools. PT2475 is a filled, off-white epoxy laminating system designed for use in constructing fire retardant laminates for parts or reinforcements. PT2475 meets the requirements of the FAR 25.853 Specification. This system has a 1 hour pot life at normal ambient temperatures, which will allow the construction of larger laminated than would be possible with the uncured material. The system cures well at room temperature, and the cure can be accelerated with the addition of mild heat if desired.

- 1307 LV, Pail (40 lbs) P/N 01-07917 $165.80
- 1307 LV, Gallon (8 lbs) P/N 01-07914 $387.00