

# EPOXY LAMINATING SYSTEMS

CM



## MVS-610 EPOXY RESIN LOW VISCOSITY INFUSION SYSTEM

MVS-610 is a very low viscosity epoxy resin intended for the vacuum-assisted resin infusion process. Two hardeners are listed here with different gel times for a variety of part sizes. The mixed viscosities of these two systems are very low, and result in rapid infusion in even the most dense fiber stacks. This feature is very desirable in production applications, allowing quick turnaround for increased production. The MVS-610 System is ideal for quickly producing a variety of parts and shapes that offer very good cured properties and long term stability.

Description	Quantity	Pot Life	Part No.	Price
MVS-610 Resin	Gallon	--	01-01654	---
MVS-615 Hardener	Quart	30 mins	01-01655	---
MVS-620 Hardener	Gallon	2 hour	01-01656	---
MVS-610 Resin & MVS-615 Hardener Kit	Gallon	-- / 30 mins	01-01657	---
MVS-610 Resin & MVS-620 Hardener Kit	Gallon	-- / 2 hour	01-01658	---

## SYSTEM THREE QUIKFAIR EPOXY FAIRING PUTTY



Lightweight, micro ballooned 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 basis. Complete a fairing or filleting 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.

24 oz. Kit .....P/N 01-00404  
1-1/2 qt. Kit.....P/N 01-00405



## 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  
White - 8 oz ....P/N 01-45501  
Black - 1 oz.....P/N 01-45319  
Black - 8 oz.....P/N 01-45512

## IMPACT RESISTANT LAMINATING EPOXY



DLRH-3212 is an unfilled, clean 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 Gm MASS) 60 Min; Tensile Strength @ 25 C 12,500; Flexural Modulus @ 25 C 40,900; Heat Deflection 325 F; Thermal Shock 72°F-125°F; Shore "D": 80; Density: Resin: 9.7, Hardener: 7.9, Mixed: 9.1; Shelf Life: Resin/ Hardener 1 Year.

Quart Kit .....P/N 01-00430  
Gallon Kit .....P/N 01-00431  
5 Gallon Kit .....P/N 01-00432

## JEFFCO EPOXY LAMINATING SYSTEM



1307 Low Viscosity Resin / 3102 Fast Hardener - 100% solids 2-component epoxy laminating system with excellent wet out, low viscosity and high strength. Very low odor and toxicity. Easy to use, 4:1 weight or volumetric mixing, safe, fast curing products for a variety of use applications. Used for fast curing, penetrating wood coatings, adhesives and sealers, fiberglass laminating and microsphere filled fairing compounds. Excellent cold temperature cures down to 40°F. No solvents or VOC's. Non-hazardous, non-corrosive hardener.

**3176 30-minute Medium R/T Epoxy Hardener** - Fast setting, even in thin films. Good low temperature cure. Fast wetting of fiberglass reinforcements. Easy to use 4:1 mix ratio. High HDT at room temp, increasing with post cure. Low toxicity, very low odor. Non-hazmat.

### Low Viscosity Laminating Resin

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

### Fast Hardener

3102, Pail (40 lbs)..... P/N 01-07920  
3102, Gallon (8 lbs) ..... P/N 01-07918  
3102, Quart (2 lbs)..... P/N 01-07915

### Medium Hardener

3176, Pail (40 lbs)..... P/N 01-07921  
3176, Gallon (8 lbs) ..... P/N 01-07922  
3176, Quart (2 lbs)..... P/N 01-07923

### KITS - Jeffco Epoxy, 1 gal. kit, fast..... P/N 01-07916

Jeffco Epoxy, 5 gal. kit, fast..... P/N 01-07919  
Jeffco Epoxy, 1 gal. kit, medium.. P/N 01-07924  
Jeffco Epoxy, 5 gal. kit, medium.. P/N 01-07925

## AERPOXY 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 infuse 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.

Description	Quantity	Pot Life	Part No.	Price
PT2712 with Part B	1 Gallon	70 Minutes	01-01587	---
PT2712 with Part B	5 Gallons	70 Minutes	01-01590	---
PT2712 with Part B1	1 Gallon	122 Minutes	01-01588	---
PT2712 with Part B1	5 Gallons	122 Minutes	01-01591	---
PT2712 with Part B2	1 Gallon	175 Minutes	01-01589	---
PT2712 with Part B2	5 Gallons	175 Minutes	01-01592	---
PT2712 with Part B3	1 Gallon	40 Minutes	01-01593	---
PT2712 with Part B3	5 Gallons	40 Minutes	01-01594	---

## 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 a faster material. The system cures well at room temperature, and the cure can be accelerated with the addition of mild heat if desired.

Gallon .....P/N 01-01517  
5 Gallons .....P/N 01-01518