



PRODUCT TECHNICAL DATA SHEET

Aquawrap® Bear™

Highly Conformable Bi-axial Tubing Configuration

Main description --- Aquawrap® Bear™ is a highly conformable, bi-axial tubing glass fabric that is used around irregular shapes and anomalies. It comes pre-impregnated with our water-activated 22-77 resin system and is ready to apply right out of the bag. It can be used for the repair and reinforcement of existing mechanical systems, structures, and piping. The cured product is a very durable, high strength material, impervious to fuels, most chemicals and solvents. It permanently bonds to a wide variety of surfaces such as metals, composites, concrete, plastics and wood. This product ships DOT non-hazardous.

ATTENTION: All of the following data are based on laboratory conditions, at room temperature. Field conditions can radically change the characteristics of this product. Higher temperatures will lessen the working life of the product. Allow adequate time for application. Field testing is strongly recommended prior to application.

PRODUCT PROPERTIES			
Working (pot) Life:	30-60 min. at 25°C (77°F)	Mix Ratio:	No mixing required
Application Temps:	4-93°C (40-200°F)	Service Temps:	-6 - 121°C (20 - 250°F)
Cure Time (dry to touch):	2 hours at 25°C (77°F)	Full Cure:	7 days at 25°C (77°F)
Usual Packaging:	Pre-Packaged Rolls	Shelf Life:	1 year
Tensile Strength Glass:	38,837 psi. (ASTM D-3039)	Tensile Modulus	3.3
Chemical Resistance:	Acetone, mek, toluene, gasoline, ethyl alcohol and many others	Adhesion:	1,000 psi (lap shear) to abraded carbon steel, using BP-1 primer 500 psi to concrete per ASTM D-4541
Widths Available:	2" - 4" - 6" - 14"		

Storage & Handling – Store at 60-90° F in a dry place. Keep from freezing. Dispose of any leftover material.

Shelf Life – 12 months from date of sale, in an unopened package, stored in cool warehouse conditions.

Caution – Read MSDS prior to use. Some persons may be irritated by this compound. Use caution and PPE. This product is for industrial use by professionally trained personnel only. Please read and understand all application instructions prior to using.

N/A - Data not available at the time of printing.

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