

Uni-Web Carbon Fiber



Uni-Web Carbon Fiber is a new and easy to apply carbon fiber reinforcement. It consists of a non-woven sheet of unidirectional carbon fibers that are held in position by a fine spider web of polymer fibrils that rest on the surface. The fibril or web system allows the fabric to be cut easily, trimmed, or slit, giving clean edges with absolutely no fraying. The fibers lie flat and straight, and cannot shift or bunch up as often happens with uni-stitched fabrics. Uni-Web Carbon Fiber is perfect for high strength, weight critical applications where exact placement of the fiber is needed. It is compatible with polyester, vinyl-ester and epoxy resins.

Physical Properties

Product	2.9 oz	3.7 oz	4.7 oz
Weight	3.1 oz/yd ² +/- 5%	3.6 oz/yd ² +/- 5%	4.8 oz/yd ² +/- 5%
Pattern	Unidirectional	Unidirectional	Unidirectional
Thickness	.008" +/- .002"	.008" +/- .002"	.010" +/- .002"
Construction Warp	3.3/inch +/- 0.3	3.8/inch +/- 0.3	5.1.0/inch +/- 0.3
Construction Weft	Veil	Veil	Veil
Yarn Warp	12K Carbon Fiber	12K Carbon Fiber	12K Carbon Fiber
Yarn Weft	Veil	Veil	Veil

All the information contained in these properties is believed to be reliable. It is intended for comparison purposes only as each manufactured lot will exhibit variations. The user should evaluate the suitability of each product for their application. We cannot anticipate the variations in all end use and we make no warranties and assume no liability in connection with the use of this information.