

Warp Triaxial Knitmat®

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FGI's **Warp Triaxial Knitmat®** is a high strength stitch bonded **Triaxial** product. Stitch Bonding mechanically combines 0° reinforcements and +/- 45° reinforcements. **Warp Triaxial Knitmat®** products are available with and without chopped glass strand. Combinations with glass, polyester, and other veils, along with CSM are available upon request. The resulting product is extremely conformable, offering fast wet out, and excellent processability with high dry and wet strength. **Warp Triaxial Knitmat®** materials are ideal for hand lay up molding, resin infusion, SRIM, RRIM, and SCRIMP® processes. FGI's proprietary sizing allows the end user complete compatibility, with Polyester, Vinyl Ester, Epoxy, and Polyurethane resin systems.

Product Data

	SXTW2200	SXTW2308	SXTW3408
Nominal Weight oz./sq. yd.	22.0	31.42	42.85
Warp (0°) Weight oz./sq. yd.	9.0	11.66	16.45
±45° Weight oz./sq. yd.	13.0	11.66	18.30
Mat Weight oz./sq. yd.	n/a	8.10	8.10
Nominal Thickness	.035 in.	.060 in.	.070 in.
Roll Length Yards	90	70	70
Roll Length Meters	82.3	64	64
Weight per inch of Width	3.5 lbs.	3.7 lbs.	4.9 lbs.

* Optional styles available upon request — Special pricing may be applicable.

Packaging Data

All rolls individually boxed and palletized according to size and weight.



Typical Test Data

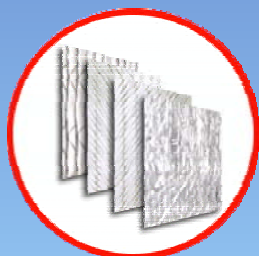
Properties	SXTW3408	
	Strength (psi)	Modulus (mpsi)
Tensile	38,174	2.20
Compressive	42,495	2.09
Flexural	53,890	1.65
Glass Content by Weight	50.3%	50.3%

The information herein is to assist customers in determining whether our products are suitable for their applications. Nothing herein shall constitute a warranty, expressed or implied. Relative values shown are accurate to the best of our knowledge

Rev. 03 04/08/04



SXTW2308



0° ±45° Chop