

Quadaxial

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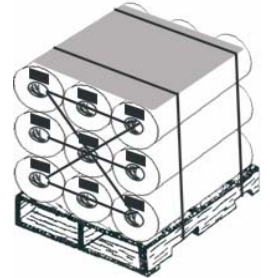
FGI's Quadaxial is a high strength stitch bonded **Quadaxial** product. Stitch Bonding mechanically combines chopped mat, $\pm 45^\circ$ reinforcements, and a $0^\circ/90^\circ$ reinforcement. The resulting product is extremely conformable, offering fast wet out, and excellent processability with high dry and wet strength. **Quadaxial** materials are ideal for hand lay up molding, resin infusion, SRIM, RRRIM, and SCRIMP® processes. FGI's proprietary sizing allows the end user complete compatibility, with Polyester, Vinyl Ester, Epoxy, and Polyurethane resin systems.

Product Data

	SXQ3400R1	SXQ3408R1	SXQ4008R1
Nominal Weight oz./sq. yd.	36.23	44.37	49.36
$0^\circ/90^\circ$ Weight oz./sq. yd.	17.92	17.92	19.20
$\pm 45^\circ$ Weight oz./sq. yd.	18.10	18.10	21.72
Mat Weight oz./sq. yd.	0.00	8.10	8.10
Nominal Thickness	.055 in.	.075 in.	.085 in.
Roll Length Yards	65	60	50
Roll Length Meters	59.4	54.9	45.7
Weight per inch of Width	4.1 lbs.	4.6 lbs.	4.3 lbs.

Packaging Data

All rolls individually stretch wrapped and palletized according to size and weight, stacking varies from 1 to 3 layers. Widths 12" and less will be boxed for shipment.



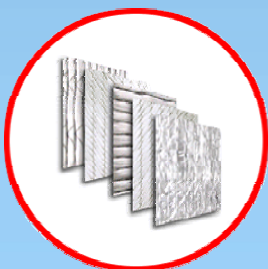
Typical Test Data

Properties

ABS Minimum	0°	$\pm 45^\circ$	90°
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SXQ4008A1



0° $+45^\circ$ 90°
 -45° Chop

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

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