



## Fiberglass Fabric

### DESCRIPTION

Woven fabrics are produced on a loom with warp and fill yarns. Our supplier offers several different styles of weaving – all of which result in a fabric with superior stability. One of the most common weaving styles is the leno weave, where the fill yarns are trapped tightly between two twisting warp yarns, giving excellent integrity at the intersections. This weaving process provides the flexibility of including multiple weaving patterns and/or materials, resulting in a thin, lightweight, uniform and highly efficient product.

The utility of the woven fabrics can be further enhanced by the use of functional binders for increased chemical, heat or moisture resistance and for proper chemical compatibility with the construction they are reinforcing.

### PROPERTIES

Excellent dimensional stability Tensile strength Efficient thermal conductivity

### TECHNICAL CHARACTERISTICS

**LIMITED WARRANTY** All statements herein are expressions of opinion, which we believe to be accurate and reliable, but are presented without guarantee or responsibility on our part. Statements concerning possible use of our product are not intended as recommendations for their use in the infringement of any patent. No patent warranty of any kind, expressed or implied, is made or intended. Values presented above are nominal and only to be used as guidelines.

<i>Property</i>	<i>Imperial</i>	<i>Metric</i>	<i>Testing</i>
Construction:	Warp 6 yarns/inch	24 yarns/10 cm	ASTM D-3775
Construction:	Weft 6 yarns/inch	23 yarns/10 cm	ASTM D-3775
Weight:	4.6 oz/yd <sup>2</sup> 156.0 g/m <sup>2</sup>		ASTM D-3776
Thickness:	0.017 per inch	0.430 per mm	ASTM D-1777
Weave:	Leno Leno		
Finish:	Alkali Resistant	Alkali Resistant	
Min. Tensile:	Warp 150 lb/in	665 N/2.54 cm	ASTM D-5035
Min. Tensile:	Weft 210 lb/in	940 N/2.54 cm	ASTM D-5035

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