

### Product Introduction

W3-J E-glass Woven Fiberglass Cloth is produced by conventional textile methods, in virtually any variation. The types of construction are plain weave, twill weave, leno weave, satin weave and unidirectional weave, etc. W3-J Woven Fiberglass Cloth is compatible for use with polyester, vinyl ester and epoxy resins. These fabrics are very common in marine, composite construction and repair.

### Product Description

All W3-J Woven Fiberglass Fabrics are manufactured to meet ISO 9002 standards. Because these products are highly engineered, the right combination of fabric weight, thickness and construction meets most customers' requirements in selecting the proper fabric for a particular application.

### Packaging

W3-J Woven Fiberglass Cloth is wound into a roll on a cardboard inner tube with an inside diameter of 10cm (4"). Each roll is wrapped with a plastic bag and placed in a cardboard box. 12 or 16 boxes are placed horizontally on a pallet, which is stretch wrapped.

### Storage

Unless otherwise specified, it is recommended to store glass fiber products in a cool, dry area. Temperature should not exceed 35°C (95°F) and the relative humidity should be kept below 75%. Fiberglass products must remain in packaging material until just prior to their use. If these conditions are respected, the glass fiber product should not undergo significant changes when stored for extended periods of time.

### Stacking

To ensure safety and avoid damage to the product, skids should not be stacked.

### Customer Benefits

- The right combination of fabric weight, thickness and construction meets most requirements in different application fields
- Advantages in reducing costs and contributing to end-product quality
- Uniform weight and construction minimize the potential for air entrapment and weak areas in the laminate. This helps produce stronger, smoother parts.
- Drapes well, lays easily on radii and corners, and conforms easily to intricate shapes and patterns
- Reduces fabrication time
- Wets out faster and more evenly to accelerate rolling and brushing.



## Product Data

### W3-J Series are Compatible with Polyester, Vinyl ester and Epoxy Resin Systems

Table 1

Style	Yarn Linear Density (TEX/Yield)		Filament Diameter (µm)		Counts (end/inch)		Mass (g/m <sup>2</sup> , OZ/yd <sup>2</sup> )	Loss of Ignition (%)	Moisture Content (%)	Weave
	Warp	Weft	Warp	Weft	Warp	Weft				
W3-023-J	66/7516	33/15032	9	9	30.5	30.5	80/2.3	0.4-0.8	<0.2	Plain
W3-040-J	66/7516	66/7516	9	9	25.5	25.5	130/4.0	0.4-0.8	<0.2	Plain
W3-060-J	132/3758	132/3758	11	11	20	17.5	200/6.0	0.4-0.8	<0.2	Plain
W3-100-J	264/1880	264/1880	13	13	15	15	320/10	0.4-0.8	<0.2	Plain
W3-200-J	264/1880	264/1880	13	13	30.5	30.5	640/20	0.4-0.8	<0.2	Similar to Double Plain

Table 2

Style	Length/roll (m/Yard)	Width (mm/inch)	Thickness (mm/inch)	Weight (kg/lb)	Carton Size (inch)
W3-023-J	200/219	965/38	0.08/0.0031	15.4/34	40 x 7.5 x 7.5
	200/219	1270/50		20.3/45	52 x 7.5 x 7.5
	200/219	1524/60		24.4/54	60 x 7.5 x 7.5
W3-040-J	200/219	965/38	0.16/0.0063	31/68	40 x 10 x 10
	200/219	1270/50		41/90	52 x 10 x 10
	200/219	1524/60		49/108	60 x 10 x 10
W3-060-J	200/219	965/38	0.20/0.0079	39/86	40 x 10 x 10
	200/219	1270/50		51/112	52 x 10 x 10
	200/219	1524/60		61/134	60 x 10 x 10
W3-100-J	115/125	965/38	0.34/0.013	37/82	40 x 10 x 10
	115/125	1270/50		49/107	52 x 10 x 10
W3-200-J	73/80	965/38	0.64/0.025	47/103	40 x 12 x 12

### Disclaimer of Liability

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