



**Technical Data Sheet**

**Fiber1 E-Glass Axial Tape**

**Fiber1 EAT**

**Fiber1 EAT** is the trade mark of axial tape which is manufactured by Glass Fiber Technology Co. Ltd. Axial tape is continuous glass fiber weaving made by E-glass in and adopted for glass fibre reinforced plastic products. This axial tape is used to reinforce various types of resins such as polyesters, epoxies, vinylesters, etc.



Axial tape is traditionally used in Hand Lay-Up (HLU), Pultrusion and Resin Transfer Molding (RTM). FRP Panels and Poles, Sanitary Wares, Domes & Shelters, FRP Boats and Automotive Parts and many other variety of consumer items.components.

**NAMING:**

**Example : Fiber1 EAT-500/1270**

Fiber1 : Trademark of Glass Fiber Technology Co. Ltd (GFT).

EAT : GFT Code

500 : Density (g/m<sup>2</sup>)

1270 : Tape Width in cm.

**KEY FEATURES:**

1. Even thickness, flawless and low fuzz;
2. Easy wet out and fast impregnating;
3. Good performance of processability in moulded parts;
4. Tremendous mechanical strength and properties during production of finished product

**SPECIFICATION:**

Construction	Area Weight	Tolerance	Input
<b>Warp</b>	2.75	8	Polyester 25tex
<b>Weft</b>	510	8	E-Glass 1500tex
<b>Total Area Weight</b>	512.75g/m <sup>2</sup>	8	

<b>Fabric Count (ends/10cm)</b>	<b>Warp</b>	34±10%	<b>Sizing</b>	Silane
	<b>Weft</b>	11±10%	<b>Weaving Style</b>	Plain
<b>Moisture Content (%)</b>	<0.20		<b>Loss of Ignition (%)</b>	0.4-0.8

**PACKING:**

Product is manufactured in form of a roll wound on a paper tube and then packed in a plastic film and placed within a cardboard carton. Rolls can be loaded into a container directly or on pallets.



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### STORAGE

It is recommended that fiberglass is store vertically in a cool and dry environment, with recommended storage temperatures ranging between 10 ~ 30 °C and its relative humidity between 50 ~ 75%, to avoid problems with humidity or static electricity, the glass product should be conditioned in the working area prior to use. This fiberglass should remain in the packaging prior to its use.



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