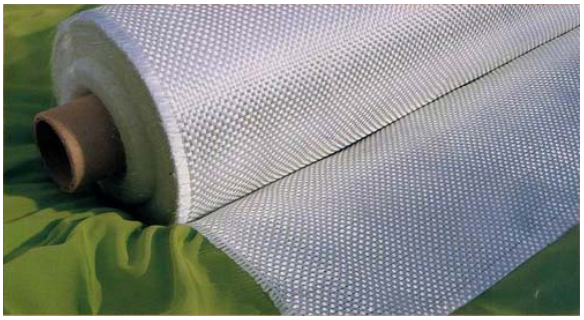
Woven Roving
Glass Fiber Technology Co. Ltd.

Technical Data Sheet

E-Glass Woven Roving — Fiber1 EWM

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



Woven Roving 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.

NAMING:

Example : Fiber1 EWM –600/126

Fiber1 : Trademark of Glass Fiber Technology Co. Ltd (GFT).
EWM : GFT Code
600 : Density (g/m^2)
126 : Mat Width in cm.

KEY FEATURES

- Fast & Easy Impregnation.
- Few fuzz, soakage, rapid endosmosis.
- Fast-Wet-Through and de-airing.
- Excellent Conformability.
- High Mechanical Properties.
- Low Resin Consumption.

PRODUCTS AVAILABLE

The main advantage of **Fiber1 EWM** woven roving is the availability of an extensive range of widths and weights (widths from 75 to 260 cm, nominal weights from 270 to 800 g/m^2). Most combinations of weights and widths can be supplied. Subject in some cases to minimum order quantities, extended lead times and complementary widths.

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PRODUCT PROPERTIES (Standard)

Weight (Density)	Fabric Type	Moisture Content (After Drying)	Width (Standard)
500 g/m^2	Plain Weave	0.2 max	126 cm
600 g/m^2	Plain Weave	0.2 max	126 cm
800 g/m^2	Plain Weave	0.2 max	126 cm

PACKING

Each roll is put into individual carton then palletized. For bulk packing for each pallet we put 16 rolls.

STORAGE

It is recommended that fiberglass is store vertically in a cool and dry environment, with recommended storage temperatures ranging between 10 ~ 30 ^{o}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.

Glass Fiber Technology Co. Ltd. Main Office:
Gwaiza - P.O. Box 110290 Jeddah 21361 Kingdom of Saudi Arabia
Tel ✆ +966-2-6217251/2804767/2804784/2804775 Fax: +966-2-6217257
Website: www.frptechnology.com E-Mail: ✉ info@frptechnology.com