

## E-Glass Direct Roving

## Fiber1 ERD

**Fiber1 ERD** is the trade mark of the direct roving which is manufactured by Glass Fiber Technology Co. Ltd.

Direct Roving is single end of continuous fiber use in filament winding, pultrusion and weaving processes. They are compatible with UP, VE and EP polyester resins.

This product is designed as reinforcement for FRP Pipe, Pressure Process Vessel, Gratings and Profiles.



### NAMING:

**Example : Fiber1 ERD-2400**

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

ERD : GFT Code

**2400** : Linear Density (Tex)

### KEY FEATURES

- ❖ Good Processability.
- ❖ Excellent Wet-out.
- ❖ Good Ribbonisation.
- ❖ Good Mechanical Properties.
- ❖ Low Resin Consumption.
- ❖ Low Fuzz and even strand tension.
- ❖ Compatibility with most resins.

### PRODUCT PROPERTIES (Standard)

Linear Density (Tex)	Moisture Content (%)	Loss On Ignition (%)	Breaking Strength (N/tex)
600 Tex (±30)	≤0.10	0.55±0.15	≥0.40
1200 Tex (±30)	≤0.10	0.55±0.15	≥0.40
2400 Tex (±30)	≤0.10	0.55±0.15	≥0.40
4800 Tex (±30)	≤0.10	0.55±0.15	≥0.40

\* Most Common Density (Tex) can be supplied. Subject in some cases to minimum order quantities, extended lead times and complementary widths.

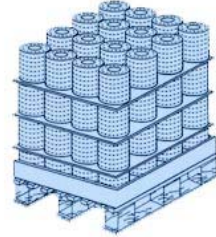


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### PACKING

Each Roll is protected by a shrink-wrap polythene film, which should not be removed when it is used, and is identified by an individual label, then put into pallets. 48 rolls or 64 rolls each pallet (about 1 ton/pallet).



### 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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