



WINDSTRAND® 2000 TYPE 30®

For blade design optimization

Advantex® corrosion resistant glass fibers which combines the electrical and mechanical properties of traditional E-glass with the acid corrosion resistance of E-CR glass.

✔ Resin compatibility: epoxy compatible sizing

Product Benefits

-  Production In 5 Locations
-  Operation At Increased FVF (Fiber Volume Fraction) Levels
-  Enhanced 90° Properties
-  High Weaving Efficiency

Application

Helping with optimized design for wind turbines in all on-shore, off-shore locations.

Technical Characteristics

PRODUCT OFFERINGS WINDSTRAND® 2000	NOMINAL FILAMENT DIAMETER	NOMINAL TEX (GLASS+SIZING) G/KM	TEX G/KM		% SOLIDS		
			TEX USL	TEX LSL	USL	NOM	LSL
100 Tex	13µm	101 Tex (4911 yd/lb)	116	86	0.85	0.65	0.45
200 Tex	13µm	201 Tex (2468 yd/lb)	219	183	0.85	0.65	0.45
300 Tex	16µm	302 Tex (1643 yd/lb)	326	278	0.85	0.65	0.45
600 Tex	17µm	603 Tex (822 yd/lb)	648	558	0.67	0.55	0.43
1200 Tex	17µm	1207 Tex (411 yd/lb)	1297	1117	0.67	0.55	0.43
2400 Tex	17µm	2400 Tex (207 yd/lb)	2580	2220	0.67	0.55	0.43

Packaging

Rovings are available in a single-end internal-pull package. Each pallet weighs approximately 1 ton. Pallets are stretch wrapped for load stability. All doffs are wrapped with Tack-Pak® for protection and to aid package runout and transfer. Full doffs are approximately 20–21 kg (45 lb) and they can be packaged in bulk or Creel-Pak® format.

Standard Package:

- Cylindrical bobbin without tube, Outside Diameter (OD) ± 270 mm, height 260–300 mm.
- Partial bobbins have smaller diameter.
- Max bobbin weight approximately 21 kg. 600 Tex and greater.
- Bobbin covered by a Tack-Pak® film.

Pallet:

- Size: 1150 x 1150 mm, 4 ways entry.
- 16 bobbins (max OD) per layer. Pallets are 3 or 4 tiers high.
- Pallet is stretch-wrapped.

Identification:

- Bobbin label (each bobbin).
- Four pallet labels, one on side of the pallet.

Storage

Glass fiber products must remain in the packaging material until just prior to use. It is recommended to bring material in the workshop place at least 24 hours prior to use. WindStrand® 2000 should be stored in a dry area with ambient temperature optimally from 8 °C to 26 °C and relative humidity 70% or less. To insure optimal performance, retesting is recommended for products stored more than two years from the initial production. The packaging system is designed to allow stacking of two pallets. When stacking two-high, care should be taken to place the top pallet correctly and smoothly. Owens Corning is not responsible for any damage resulting from stacking pallets higher than two-high.

**MAKE
MORE
POSSIBLE™**

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