



PULSTRAND® 2100

FLEXIBILITY FOR LAMINATE PERFORMANCE

PulStrand® 2100 is designed specifically for high tex pultrusion, offering fast wetting, excellent processing, and superior laminate performance in all major resin systems.

- Produced with patented Advantex® corrosion resistant E-CR glass by Owens Corning.
- Compatible with polyester, vinyl ester, epoxy, and polyurethane resin systems.

FOR PULTRUSION APPLICATIONS

Product Benefits

Excellent Processing

- Features easy unwinding and excellent package run-out under a variety of conditions.
- Uniform dispersion with low fuzz and static means less cleanup and better machine efficiencies.
- Fast and uniform wet-out optimizes part fabrication time, increasing productivity.

Multi-resin Flexibility

- Excellent adhesion in vinyl ester, polyester, epoxy resins, and polyurethane provides maximum flexibility for use in all major resin systems.

Enhanced Service Life & Durability

- Compared to standard E-glass, Advantex® glass helps with enhanced service life in applications facing corrosion.

Application

PulStrand® 2100 is designed for pultrusion applications in polyester, vinyl ester, polyurethane, and epoxy resin systems, using conventional dip bath or resin injection technology, to manufacture poles, cross arms, and other large structural profiles.



Technical
Characteristics

The following data was generated using BPO/F701 polyester resin.

INTERLAMINAR SHEAR STRENGTH NOL RING: ASTM D2344	DRY SHEAR STRENGTH (MPA)	DRY SHEAR STRENGTH (KSI)	SHEAR STRENGTH RETENTION 72-HOUR BOIL (%)
PulStrand® 2100 8800 tex (56 yield)	62.5	9.063	82
FLEXURAL STRENGTH FRP ROD – OC S-05DD	DRY FLEXURAL STRENGTH (MPA)	DRY FLEXURAL STRENGTH (KSI)	FLEXURAL SHEAR STRENGTH RETENTION 72-HOUR BOIL (%)
PulStrand® 2100 8800 tex (56 yield)	1572	228	89

Availability & Packaging

PulStrand® 2100 is available in the Americas, Europe, and Asia Pacific. Not all Tex are available in all regions. Please contact your Owens Corning representative.

YIELD	TEX	MANUFACTURING REGION
413 - 207 - 103 - 56 - 52	1200 - 2400 - 4800 - 8800 - 9600	Americas, Europe, Asia Pacific

Roving is available in a single-end internal-pull package. Pallets are stretch wrapped for load stability. Each doff is wrapped for protection and to aid strand run-out and transfer. Pallets are available in bulk or Creel-Pak™ pallet packaging format, depending on the region.

Labeling

Each individual package is labeled with information, including product name, Tex/yield, producing plant, and production date.

Storage

Unless otherwise specified, it is recommended to store glass fiber products in a cool, dry area. The packaging is not waterproof. Be sure to protect the product from the weather and other sources of water. The glass fiber products must remain in their original packaging material until the point of usage. The product should be stored in the workshop, within its original packaging, 48 hours prior to its utilization. If these conditions are maintained, the glass fiber product should not undergo significant changes when stored for one year. When stored properly, there is no known shelf life to the product, but retesting is advised after three years from the initial production date to ensure optimum performance.



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