



POLESTRAND™ EFFICIENT AND RELIABLE PRODUCTION

PoleStrand™ single-end Type 30™ roving is specifically designed to produce composite utility poles that are lighter with superior corrosion resistance. The product saves manufacturing materials, including resin, with no need for major process adjustments.

- Excellent resin-to-glass binding through uniform distribution of the binding agent results in maximum strand integrity.
- Produced with patented Advantex® corrosion resistant E-CR glass by Owens Corning.
- Compatible with polyester and vinyl ester resin systems.

FOR COMPOSITE POLE PRODUCTION USING FILAMENT WINDING

Product Benefits

Lighter Poles & Material Savings

- PoleStrand™ enables the production of lighter poles while saving manufacturing materials, with no need for major process adjustments versus standard glass inputs.

Excellent Processing

- Smooth run-out from lower drag across contact points produces less fuzz, resulting in smoother parts, less cleanup, and improved machine efficiencies.

Fast Wet-out

- Fast uniform strand wet-out leads to higher glass loading and good adhesion, resulting in optimized part production speed, which supports increased productivity and better-quality finished parts.

Enhanced Service Life

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

Applications

PoleStrand™ is designed for use in the manufacture of utility and telecommunication poles using a filament winding process.



Availability & Packaging

PoleStrand™ is available only in South America. Additional weights and widths may be available upon request by contacting your Owens Corning representative.

Rovings are available in a single-end internal-pull package. Pallets are packaged in bulk and are stretch wrapped for load stability and for protection during transport. All individual packages are wrapped with Tack-Pak™ packaging to aid package run-out and transfer. More information is available in the Customer Acceptance Standards.

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 glass fiber products must remain in their original packaging material until the point of usage. The product should be stored in the workshop in its original packaging for 48 hours prior to its utilization to allow it to reach the workshop temperature condition and prevent condensation, especially during the cold season. The packaging is not waterproof. Be sure to protect the product from the weather and other sources of water.

It is recommended that the product be used in resin within 18 months for manufacture. Ideal conditions are at a temperature between 8°C and 26°C and a relative humidity 70% or less.



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