

PULSTRAND® 4100 SINGLE-END ROVING

**Maximize performance,
minimize cost**

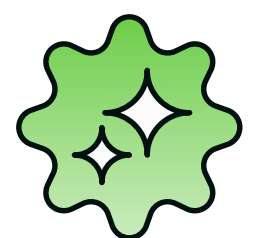


PulStrand® 4100 Type 30® single-end roving is specifically designed for fast wet-out, good processing, high glass loading and excellent laminate properties, to maximize customers' processing and minimize their processing costs in pultrusion applications.

✓ PulStrand® 4100 Type 30® is a single-end roving designed for pultrusion, offering excellent processing and laminate performance with multi-resin compatibility.

✓ Produced with patented Advantex® corrosion resistant E-CR glass.

Product Benefits



Outstanding Mechanical Properties

- Excellent shear and flexural properties in major resin systems provide maximum part strength and long part service life.



Reduced Cost

- Fast, uniform strand wet-out leads to higher glass loading, reducing resin demand; fast wet-out also increases production speed and productivity, resulting in reduced manufacturing cost.



Multi-Resin Compatibility

- Excellent glass/resin bonding in polyester, vinyl ester, polyurethane, acrylic, and epoxy resins provides the processor maximum flexibility with one input glass. This reduces cost with less inventory to carry and eliminates the need for costly downtime and labor to change input glass during job changes.



Excellent Processing

- Smooth run-out combined with low fuzz properties results in smoother parts and less downtime for clean-up, enabling higher efficiencies and lower manufacturing costs.



Corrosion Resistant

- Excellent corrosion resistance with Advantex® glass compared to standard E-glass: providing longer service life in applications facing corrosion.

Application

- Pultrusion applications in polyester, vinyl ester, polyurethane, and epoxy resin systems, using conventional dip bath or resin injection technology.
- Pultruded structural applications: ladder rails, grating systems, rebar and poles, etc.

Availability & Packaging

TEX	YIELD	FIBER DIAMETER (µm)	REGION AVAILABLE
2000	250	16, 22	NA
2400	207	17	EU, China
4400	113	23	NA
4800	103	24	EU, China, India, Korea
7000	71	-	Korea
8000	62	31	NA
8800	56	27, 32	NA, India
9600	52	24 - 34	EU, China, India, Korea

Rovings are available in a single-end internal-pull package. Each pallet weighs about 1 ton and can be packaged in bulk or Creel-Pak® packaging format. Pallets 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 that glass fiber products be stored in a cool, dry area. Recommended long-term storage conditions are temperatures between 10 °C and 35 °C and relative humidity between 35% and 85%. While temporary deviations may occur during storage or transportation, product performance can be confirmed through routine verification testing if exposure outside these conditions has occurred for an extended period. Glass fiber products should remain in their original packaging until the point of use. To help prevent condensation, keep product in its original, unopened packaging and allow it to naturally acclimate to the workshop temperature for at least 24 hours before opening or use. Packaging is not waterproof and should be protected from weather and other sources of moisture. Although fluctuations may occur during transportation, handling, and temporary storage, products should be maintained within the recommended storage ranges after receipt to help preserve product performance. A defined shelf life has not been established for the product when stored under recommended conditions. However, retesting is recommended after three years from the date of manufacture to help ensure optimum performance.

MAKE
MORE
POSSIBLE™

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