Original Composites & Fiberglass

R25G SINGLE-END ROVING

Agility in gratings application

Type 30® R25G continuous single-end roving is specifically designed for molded gratings or pultrusion processing in applications requiring higher strength and ease of work.

- Produced with patented Advantex® corrosion-resistant E-CR glass.
- Compatible with polyester and vinyl ester resins.
- For molded gratings and pultruded parts applications.

Product Benefits

Enhanced Operator Efficiency

- Smooth run-out combined with low fuzz properties results in less operator fatigue and higher output.

Outstanding Corrosion Resistance

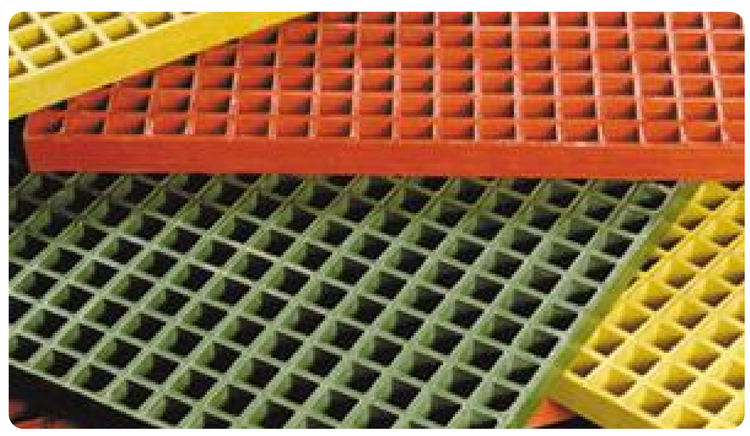
- Excellent corrosion resistance with Advantex® glass compared to standard E-glass, providing long service life in applications facing heavy corrosion.

Optimal Strength And Durability

- Excellent shear and flexural properties compared to the standard offering, providing maximum part strength and enhanced product life.

Application

Specifically designed for molded gratings and pultruded parts using polyester and vinyl ester resin systems.



Technical Characteristics

The following data was generated using production material R25G – 2400 tex - 24µm.

	SHORT - BEAM STRENGTH (MPa) ASTM D2344	CROSS BREAKING STRENGTH (MPa) IS 11320	IMPREGNATED TENSILE STRENGTH (MPa) ASTM D2343
R25G 2400 tex	60	925	2188

*This test was conducted under lab conditions using specific equipment in April 2025. Results may vary depending on the conditions and equipment used in manufacturing environments.

*Short Beam and ITS ~80% GC. Cross Breaking strength ~60%GC.

R25G | PULTRUSION | OCTOBER 2026

Availability & Packaging

R25G is available in India in 2400 tex - 24µm.

Rovings are 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 runout and transfer. Pallets are available in either a bulk pack or Creel-Pak® continuous runout format depending on region. Additional information is available in the Customer Acceptance Standards or by contacting your local sales representative.

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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