

DUROSTRAND® SINGLE-END ROVING

Productivity & rebar service life



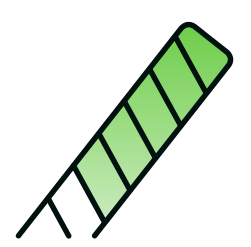
Type 30® DuroStrand® single-end roving is specifically designed to provide customers productivity savings while boosting confidence in rebar service life.

- ✓ Produced with patented Advantex® corrosion-resistant E-CR glass.
- ✓ Excellent properties for use in both epoxy amine and anhydride resin systems.

- ✓ Meets ISO 2078, ISO 2797, and ASTM D 578 requirements.

FOR EPOXY REBAR AND PULTRUSION

Product Benefits



Engineered For Epoxy Rebar

- Designed to maximize mechanical properties of rebar systems.
- Flexibility for use in a variety of rebar manufacturing processes.
- Ability to increase rebar fiber content and achieve higher bar modulus to meet new industry demands.



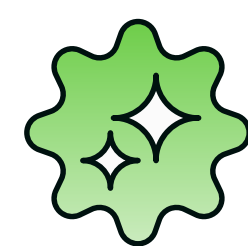
Increased Service Life

- Extended mechanical performance in applications facing alkali corrosion, compared to industry benchmark.
- Confidence in knowing your products will withstand the test of time and meet increasing rebar performance standards.



Reduced Cost

- Lower raw material costs with high glass content and less resin consumption.
- Faster wetting means less excess resin application required.



Excellent Productivity

- Fastest wet-out in the market among the most commonly used single-end rovings.*
- Maximized resin adhesion and faster wetting enable increased production speeds.

*Performance enhancements are referenced versus the current industry-leading benchmark product for each characteristic.

Applications

Designed to achieve high performance in a variety of rebar manufacturing processes for epoxy rebar systems.



Technical Characteristics

DUROSTRAND® PERFORMANCE	Up to 75% Faster Wet-Out	Up to 5% Reduction in Resin Consumption	Up to 15% Higher Alkali-Resistance
CUSTOMER VALUE	Faster Line speed = Increased Productivity	Reduced Raw Material Cost	Confidence in Long-Term Rebar Performance
TEST METHOD	OC Proprietary	ASTM D2584	OC Proprietary

Alkali testing performed in exposure of composite specimens tested by ASTM D2344 before and after exposure to buffered pH 13.4 NaOH/KOH solution in alignment with GOST 31938-2012. Evaluation of all products completed in an industrial-representative anhydride-hardened epoxy formulation.

This information and data contained herein is offered solely as a guide in the selection of product. Published product values are typical performance estimates and may vary by manufacturing location, production run, testing method, and application. Products are tested as part of our quality processes and manufactured to applicable specifications. Actual performance may vary. We reserve the right to update published values, specifications, and product characteristics without notice. All values are provided for informational purposes only and do not guarantee performance. Customers are responsible for determining the suitability of the product for their intended use and should conduct appropriate testing and evaluation. Except as otherwise provided in applicable sales terms & conditions, no warranties of any kind, express or implied, including those of merchantability and fitness for a particular purpose.

Availability & Packaging

✔ DuroStrand® is available in 4800 tex 24µm and 9600 tex 34µm in India.

Rovings are available in a single-end internal-pull package. Pallets are stretch-wrapped for load stability. All doffs are wrapped with Tack-Pak™ or shrinkable film for protection during transport. 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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