Original Composites & Fiberglass

ST2070LS SINGLE-END ROVING

Match emission regulations

Type 30® ST2070LS single-end roving is specifically designed for use in the Silentex® Exhaust filling process. ST2070LS was developed to match stringent global emission regulations on particulate matter. The product meets emission standards for EURO 6d, China 6b, and Japan 2018 standards for Tier 3, LEV III, and Bharat VI.

- Robust solution to meet demanding acoustic requirements, support increasing engine temperatures, and lower overall cost of silencers as well as reduced weight, volume, and back pressure.
- Produced with patented Advantex® corrosion resistant E-CR glass.

FOR GLOBAL NOISE CONTROL SOLUTIONS

Product Benefits

Enhanced Service Life & Durability

- Advantex® glass provides longer service life with a high temperature composition specifically engineered for use in the Silentex® process, which minimizes process interruptions and ensures overall product efficiency.
- Fibers remain continuous and resist blowout with five times the strength of basalt wool and twice the strength of E-glass under the most corrosive conditions.
- Glass annealing point ≥ 720 °C (according to ASTM C336).
- Based on the available data and experience, it is recommended to use ST2070LS at a maximum continuous glass temperature of ~740 °C.

Excellent Processing

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

Consistent Performance

- Narrow and consistent fiber diameter distribution for reliable sound absorption for reduced fill density compared to basalt preforms or needle felt.

Application

ST2070LS is designed for use in the manufacture of cost-effective automotive muffler systems with optimal durability and acoustic performance.

ST2070LS | NOISE CONTROL | OCTOBER 2026

Availability & Packaging

PRODUCT	AVE. FILAMENT DIAMETER (µm): ISO 1888	LINEAR DENSITY (tex): ISO 1889	LOSS ON IGNITION (%): ISO 1887	MOISTURE (%): ISO 3344	MANUFACTURING REGION
ST2070LS	24	7000 ± 560; 4800 ± 400	0.1 (max 0.2)	≤ 0.2	Americas, Asia Pacific

MANUFACTURING REGION	PRODUCT (tex)	ROVING	PACKAGING	PALLET WIDTH (MM)	PALLET LENGTH (MM)	PALLET HEIGHT (MM)	PALLET NET WEIGHT (KG)
Yuhang (China)	ST2070LS 7000 or 4800	Advantex® low LOI	Creel-Pak® 1end and Bulk	1150	1150	1000	~1215
Yuhang (China)	ST2070LS 7000 or 4800	Advantex® low LOI	Creel-Pak® 1end and Bulk	900	1150	1000	~1095
L'Ardoise (France)	ST2070LS 7000	Advantex® low LOI	Creel-Pak® 1end and 2end Bulk	800	1200	1000	~850

Each pallet 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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