

LUXESTRAND® MULTI-END ROVING

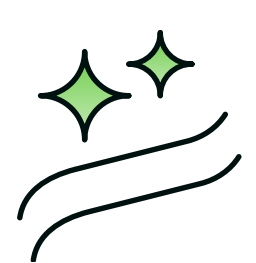
Performance and quality



LuxeStrand® is a multi-end roving specifically designed to reduce blistering and product defects while increasing performance through improved wet-out and great processability. With LuxeStrand® roving our aim is to prove that our customers should never have to sacrifice performance for quality.

- ✔ LuxeStrand® is a multi-end roving for SMC and is manufactured from a collection of continuous glass fiber bundles which are gathered, without mechanical twist, into a single roving strand and wound into a doff.
- ✔ Produced with patented Advantex® corrosion resistant E-CR glass.
- ✔ Proprietary sizing containing a Silane coupling agent.
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Product Benefits



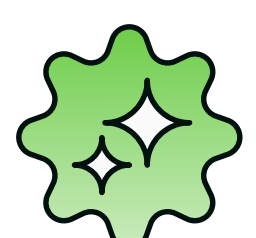
Excellent Part Surface Finish With Proven Blister Reduction

- Improved surface aesthetics - customer trials have shown blister reduction and part defect reductions when compared to other products.
- Multifunctional pigmentable solution designed for use with Low Shrink (LS) and Low Profile (LP) formulations.



Efficient Processability

Outstanding resin impregnation and wet-out characteristics enable a 70%-75% higher glass loading, reducing resin consumption and glass changeovers, while possibly increasing line speed.



Great Mechanical Performance

The product is a multi-functional solution in that its proprietary sizing helps the final part with excellent mechanical properties.



Enhanced Service Life

Advantex® glass helps fight corrosion, enhancing service life compared to standard E-glass.

Application

LuxeStrand® roving is designed to provide optimal performance in Sheet Molding Compound (SMC) general applications - ideal for the tub and bath market. LuxeStrand® roving can also be used in other SMC applications such as general-purpose end use products.



Technical Characteristics

LINEAR WEIGHT OF ROVING (TEX)	YIELD	LOSS ON IGNITION (%) ISO 1887
4500	110	1.20
4800	103	1.20

Availability

PRODUCT	EXTERNAL Ø (MM)	HEIGHT (MM)	NET WEIGHT (KG)
LuxeStrand™ 4500	351	265	31.6
LuxeStrand™ 4800	351	265	31.6

Packaging & Labeling

Each bobbin is protected by a plastic film (Tack-pak®). Please do not remove film during use. Creel-Pak® packaging is available upon request.

Each bobbin has a self-adhesive identification label, showing the product reference and the production date. Each pallet has at least one identification label detailing the product reference, pallet net and gross weights, production date and pallet production code. The packaging system is designed to allow short term stacking of two pallets. When stacking two-high, care should be taken to correctly and smoothly place the top pallet. It is recommended to use a plywood plate between the two pallets in order not to damage the lower pallet.

PRODUCT	DOFF Ø (MM)	PALLET L x W x H (CM)	LAYERS PER PALLET	DOFFS PER LAYER	NUMBER OF ENDS	PALLET NET WEIGHT (KG)
LuxeStrand™ 4500	351	142 x 114 x 122	4	12	12	1517
LuxeStrand™ 4800	351	142 x 114 x 122	4	12	12	1517

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 two years from the date of manufacture to help ensure optimum performance.

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