

973G

MULTI-END ROVING

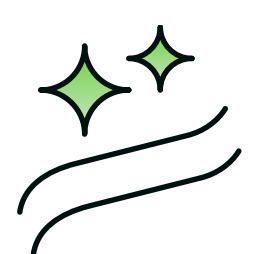
Surface Appearance & Processability



Delivering on the performance of historical 973 products, 973G is engineered as a next-generation multi-end roving for Sheet Molding Compound (SMC) applications requiring Class-A surface appearance, efficient processing and reliable semi-structural performance.

- ✓ Global multi-end roving manufactured in the Americas, Europe and Asia.
- ✓ Compatible with polyester, vinyl ester and common SMC resin blends.
- ✓ Produced with patented Advantex® corrosion resistant E-CR glass.

Product Benefits



Class-A Surface Appearance

- Excellent wetting characteristics allow lower sheet density, resulting in superior Class-A surface quality in Low Profile SMC and standard-density systems.



Efficient Processability

- Proprietary sizing enables low static, easy chopping, excellent fiber dispersion and reliable SMC processing.



Enhanced Service Life

- Advantex® glass provides improved corrosion resistance compared with conventional E-glass.



Global Availability

- Manufactured globally to ensure consistent supply for Low-Density, Class-A and Semi-Structural SMC production.

Application

973G is optimized for mechanical and aesthetic performance in Low-Density Profile Class-A and semi-structural automotive and heavy truck applications. It also performs well in general-purpose SMC applications across a broad range of fiber weight fractions.



Technical Characteristics

LINEAR WEIGHT OF ROVING (TEX)	YIELDS (YD/LB)	LOSS ON IGNITION (%) ISO 1887:1995
2400/4500	207/110	1.20

Availability

973G is available in various regions. Other Tex may be available upon request.

MANUFACTURING REGION	PRODUCT	DOFF Ø (MM/IN)	DOFF HEIGHT (MM/IN)	DOFF WEIGHT (KG/LB)
North America	973G 4500	351 / 13.8	264 / 10.4	31.1 / 68.6
South America	973G 4500	310 / 12.2 282 / 11.1	264 / 10.4 264 / 10.4	23.8 / 52.5 19.5 / 43.0
Europe	973G 2400	290 / 11.4	260 / 10.2	21.0 / 46.3

Packaging and Labeling

Each pallet is packaged in Creel-Pak™ (with links connecting rovings) to enable the simultaneous and continuous run-out of multiple rovings. Different packaging options may be available upon request. Please contact your regional OCF representative for details.

Each pallet includes at least two identification labels showing the product reference, packaging and product code, production date, and net and gross weights. Individual packages are labeled with the product name, tex and production date. Pallet loads are protected with corrugated carton and polyethylene film. To facilitate roving unwinding, we recommend removing the pallet film prior to use.

MANUFACTURING REGION	PRODUCT	DOFF Ø (MM/IN)	LAYERS PER PALLET	DOFFS PER LAYER	NUMBER OF ENDS	PALLET DIM LxWxH (CM/IN)	PALLET NET WEIGHT (KG/LB)
North America	973G 4500	351 / 13.8	4	12	12	142 x 114 x 122 / 56 x 45 x 48	1493 / 3,291
South America	973G 4500	310 / 12.2	4	12	12	129 x 97 x 122 / 51 x 38 x 48	1142 / 2,518
		282 / 11.1	4	16	16	115 x 115 x 122 / 45 x 45 x 48	1248 / 2,751
Europe	973G 2400	290 / 11.4	4	16	12	119 x 90 x 122 / 47 x 35 ½ x 48	1008 / 2,222

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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