

ME1960 MULTI-END ROVING

Versatility for efficiency and aesthetics



ME1960 multi-end roving represents a versatile solution for large-surface SMC (Sheet Molding Compound) components that require a combination of efficient processing, high mechanical, and aesthetic properties.

-  Produced with patented Advantex® corrosion resistant E-CR glass.
-  Compatible with polyester and vinyl ester resin systems as well as some polyurethane resins.

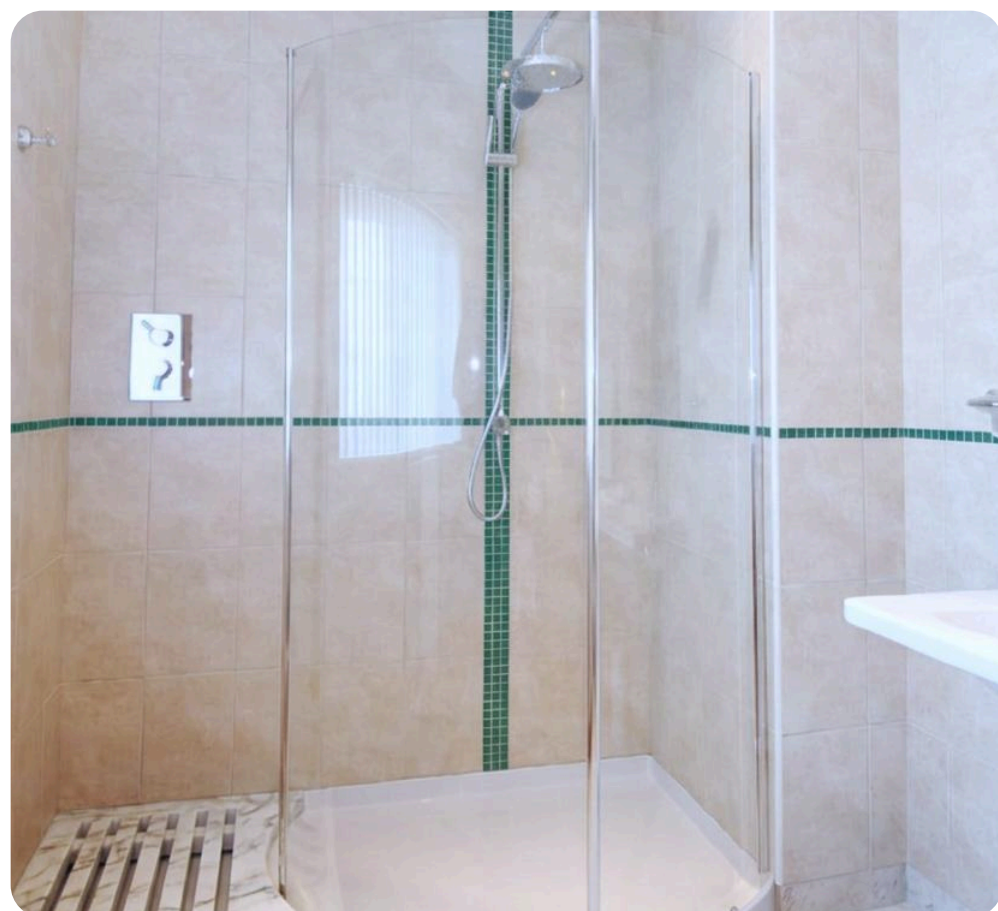
FOR LARGE-SURFACE SMC COMPONENTS

Product Benefits

- **Efficient Processability**
 - Easy unwinding and chopping, flat lay-down, and uniform dispersion with low fuzz and static for large and/or semi-structural part molding.
- **Ideal Color (White) For Pigmented Parts**
 - Desirable product flow within mold at low shrinkage delivers a resin-rich white-color surface aspect with low-porosity which facilitates good pigmentation or painting of finished parts.
- **Enhanced Service Life**
 - Advantex® glass helps fight corrosion, enhancing service life compared to standard E-glass.
- **Enhanced Performance**
 - Enhanced impregnation which allows higher glass loading (up to 65% according to a 2016 single customer data source) due to excellent glass wet-out and wet-through. This can be leveraged to further enhance mechanical properties of composite parts

Application

ME1960 roving is designed for the manufacture of large transportation components such as cab door skins for heavy-duty trucks, buses, and trains as well as home fixtures and other semi-structural general-purpose products requiring high modulus, strength, and aesthetics.



Technical Characteristics

LINEAR WEIGHT OF ROVING (TEX)	YIELDS (YD/LB)	LOSS ON IGNITION (%) ISO 1187:2014
2400	207	1.30
4800	110	1.30

Availability & Packaging

Other Tex may be available upon request. Please consult with your sales representative.

MANUFACTURING REGION	PRODUCT/DOFF DESCRIPTION	EXTERNAL Ø (IN)	HEIGHT (MM)	NET WEIGHT (KG)
Europe	ME1960 2400 Tex	290	260	20

Each doff is protected by Tack-Pak® packaging. Please do not remove film during use. Creel-Pak® packaging is available upon request.

MANUFACTURING REGION	PRODUCT	DOFF Ø (MM)	PALLET DIM LxWxH (CM)	LAYERS PER PALLET	DOFFS PER LAYER	NUMBER OF ENDS	PALLET NET WEIGHT (KG)
Europe	ME1960 2400 Tex	290	90 x 120 x 122	4	12	1 to 16	960
	ME1960 4800 Tex		120 x 120 x 122	4	16		1280

Labeling

Each doff 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.

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.

MAKE
MORE
POSSIBLE™

Europe (France)
767 Quai Des Allobroges
Chambery
Rhone-Alpes 73000, France
+33 4 79 75 55 52

India (Mumbai)
7th Floor, Alpha Building,
Hiranandani Gardens
Powai, Mumbai - 400076
+91 22 6668 1700

This information and data contained herein is offered solely as a guide in the selection of product. We do not guarantee its applicability to the user's process or assume any responsibility or liability arising out of its use or performance. The physical and chemical properties of this product represent typical, average values obtained in accordance with stated test methods and are subject to normal manufacturing variations. The user agrees to be responsible for thoroughly testing any application of the product to determine its suitability. Because of numerous factors affecting results, we make no warranty of any kind, express or implied, including those of merchantability and fitness for a particular purpose. Statements in this publication shall not be construed as representations or warranties or as inducements to infringe any patent or violate any law, safety code or insurance regulation. We reserve the right to modify this document without prior notice.

10023875. ME1960 Product Data Sheet. October 2026. English. © 2026 OCF - Original Composites & Fiberglass. All Rights Reserved.