

M705

High performance low resin consumption

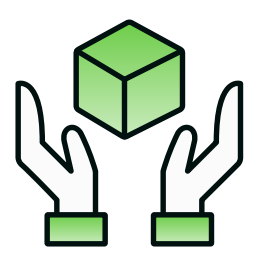


M705 chopped strand mat represents a compelling solution to hand lay-up high glass content and thin laminates balanced with good mechanical properties.

- ✓ Produced with patented Advantex® corrosion resistant E-CR glass.
- ✓ Made of medium tex, multi-chop strands randomly dispersed and bonded together by an emulsion binder.
- ✓ Certified by Lloyd's Register of Shipping and Det Norsk Veritas.

FOR HAND LAY-UP IN COMPLEX MOLDS

Product Benefits



Easy Handling & Moldability

- Optimized chop length mix conforms well to complex contoured molds.



Process Efficiency

- Fast wetting and quick air release help reduce the labor required to roll out the part.



Balanced Performances

- Moderate impregnation speed reduces resin consumption, resulting in thinner laminate with high glass content, and improved mechanical properties.



Enhanced Service Life

- Compared to standard E-glass, Advantex® glass helps with enhanced service life in applications facing corrosion.

Application

M705 mat is designed for use with unsaturated polyester, vinyl ester resin systems in hand lay-up applications including automotive parts, boats, chemical tanks and pools.



Availability

M705 mat is available in Europe and Asia Pacific. Additional weights and widths are available upon request by contacting your representative.

NOMINAL MAT WEIGHT (G/M²)	ROLL WIDTH (CM)
225 - 300 - 375 - 450 - 600	95 - 104 - 125

Packaging & Labeling

Each roll is wound on a 76 mm cardboard tube and placed inside a polyethylene bag and cardboard box. The boxed product is then placed vertically on a wooden pallet and shrink-wrapped for stability and protection.

Each roll bears a label detailing the product description, product code, nominal weight, roll width, roll number and date of manufacture.

NOMINAL MAT WIDTH (CM)	ROLL DIAMETER (CM)	ROLLS PER PALLET	PALLET SIZE (CM)
95 - 104 - 125	30	12	127 x 97

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.

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