M705X1
HIGH PERFORMANCE LOW RESIN CONSUMPTION

M705X1 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 by Owens Corning.

- Made of medium tex, multi-chop strands randomly dispersed and bonded together by an emulsion binder.

- Certified by Lloyd's Register of Shipping.

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

M705X1 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	M705X1 mat is available in Europe and Asia Pacific. Additional weights and widths are available upon request by your Owens Corning contact.

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

Packaging & Labeling

Each roll is wound on a 76mm 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 - 125	27	16	114 x 114

Storage

Unless otherwise specified, it is recommended to store glass fiber products in a cool, dry area. Ideal conditions are at a temperature between 10°C and 35°C and a relative humidity between 35% and 85%. The glass fiber products must remain in their original packaging material until the point of usage. If the storage temperature is below 15°C, it is recommended that the product be stored in the workshop, within its original packaging, at least 24 hours prior to use to help prevent condensation. The packaging is not waterproof. Be sure to protect the product from the weather and other sources of water. When stored properly, there is no known shelf life to the product, and retesting is advised after three years from the initial production date to insure optimum performance.