

M6 X1 CHOPPED STRAND MAT

FOR HAND LAY-UP AND CLOSED MOLD



DESCRIPTION

M6 X1 is a medium fiber, multi-chop length chopped strand mat bonded together using an emulsion binder. The emulsion binder provides superior handling properties compared to powder bonded mats. The chemistry and chop length used in M6 X1 allows it to conform well in contoured molds.

It is a porous, well bonded mat which maintains its integrity during the impregnation process and provides a uniform wet through rate.

BENEFITS

- **Fast wet through and rapid impregnation:** Well suited for thicker molded parts
- **Longer multi-chopped fibers:** Provides improved tensile strength while still maintaining good conformability
- **Superior corrosion resistance with Advantex® Glass compared to standard E-glass:** Advantex® Glass helps with enhanced life and service life strength in applications facing corrosion. For additional information on Advantex® glass use the link below: <http://composites.owenscorning.com/aboutAdvantex.aspx>



APPLICATIONS

M6 X1 is compatible with unsaturated polyester resins and is well suited for open and closed mold applications such as auto parts, boats, chemical tanks and pools.



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AVAILABILITY – Not all products are available in all regions. Additional weights and widths are available upon request

Nominal Mat Weight (g/m ²)	Roll Width (cm)
225 – 300 – 450 – 600	95 – 125

PACKAGING

Nominal Mat Width (cm)	Roll Diameter (cm)	Rolls Per Pallet	Pallet Size (cm)
95	30	12	127 × 97
125	30	12	127 × 97

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 on a wooden pallet and shrink wrapped for stability and protection.

LABELLING

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

STORAGE

Unless otherwise specified, it is recommended to store glass fiber products in a cool, dry area. The best 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 recommend that the product be stored in the workshop, within its original packaging, at least 24 hours prior to use to 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, but retesting is advised after three years from the initial production date to insure optimum performance

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