

M710B CHOPPED STRAND MAT

FOR HAND LAY-UP



DESCRIPTION

M710B is a randomly oriented chopped strand mat product composed of multi length glass fiber strands. The strands are coated with a silane-coupling agent and are bonded together in mat form using a small amount of highly soluble polyester powder.

M710B is produced using Advantex® glass fiber. Advantex® glass fiber combines the electrical and mechanical properties of traditional E-glasses with the acid corrosion resistance of E-CR glass. Advantex® glass meets the requirements stated of both E and E-CR glass.

BENEFITS

- **Quick wetting and rapid air release:** Maximizes molding productivity by reducing the labor required to roll out product
- **Slower impregnation speed:** Reduces resin consumption resulting in higher glass content and improved mechanical properties
- **Excellent conformability:** Ease of handling and ability to conform rapidly to complex molds
- **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

M710B is designed to be compatible with polyester, epoxy and vinyl ester resins and used both as gel coat backup and standard laminate reinforcement for most contact molding applications where quick wetting, rapid air release, good conformability and low resin consumption are desired.



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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 – 375 – 450 – 600	93 – 124 – 140 – 280

PACKAGING

Nominal Mat Width (cm)	Roll Diameter (cm)	Rolls Per Pallet	Pallet Size (cm)
93 – 124 - 140	32	12	97 X 129
280	32	9	110 X 280

Each roll is wound on a 10cm inside diameter cardboard tube and fully enclosed in a polyethylene transparent stretch film. The rolls are positioned vertically (width 93, 124 and 140), and horizontally (width 280) on a pallet and unitized with polyethylene transparent stretch film.

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 recommended 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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