



# M6X1

## Make large, thick parts easier and faster



**M6X1 chopped strand mat represents a compelling solution for large and thick part manufacturing when high productivity is required in hand lay-up or closed mold processes.**

- ✔ Produced with patented Advantex® corrosion resistant E-CR glass by Owens Corning.
- ✔ Certified by Lloyd's Register of Shipping.

- ✔ Made of medium Tex multi-chop length strands bonded together with an emulsion binder.

### Product Benefits



#### Easy Handling & Moldability

- Optimized chop length mix provides superior dry tensile strength while bringing good conformability to contoured molds.



#### Enhanced Service Life

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



#### High-Process Efficiency

- Fast wet-through and low resin pick-up combined with excellent handling properties in dry and wet conditions. This makes the product an ideal choice for large and thick parts production with dry and wet-carrying process.

### Application

M6X1 mat is designed for use with polyester, vinyl ester resin systems in hand lay-up or closed mold applications including automotive parts, boats, chemical tanks and pools.



## Availability

M6X1 is available in Europe. Additional weights and widths are available upon request by your Owens Corning contact.

| NOMINAL MAT WEIGHT (G/M <sup>2</sup> ) | ROLL WIDTH (CM) |
|--|-----------------|
| 225 - 300 - 450 - 600                  | 95 - 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                     | 30                 | 12               | 127 x 97         |
| 125                    | 30                 | 12               | 127 x 97         |

## 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, but retesting is advised after three years from the initial production date to ensure optimum performance.

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**Europe**

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