



M821B

Closed mold performance

M821B chopped strand mat is a low-solubility emulsion solution that offers reliable performance in closed mold processes, where good fiber washing-resistance, softness, conformability, and resin flow are necessary.

✔ Produced with patented Advantex® corrosion-resistant E-CR glass by Owens Corning.

✔ Compatible with polyester, epoxy, polyurethane, and vinyl ester resins.

FOR VACUUM, RTM, INFUSION, S-RIM, AND PRESS MOLDING APPLICATIONS

Product Benefits



Reliable Performance

- Product softness enables ease of handling and ability to conform to complex molds.
- Good fiber wash-resistance in the most demanding closed mold processes, including press molding applications.



Multi-Resin Compatibility

- Versatility for use in a variety of resin systems, including polyester, epoxy, polyurethane, and vinyl ester.



Enhanced Service Life

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

Application

M821B is designed to be used in closed mold processes, including RTM, infusion, S-RIM, and compression molding. Applications include heavy truck, automotive, and industrial parts.

Availability

M821B is available in South America. Additional weights and widths may be available upon request by contacting your Owens Corning representative.

NOMINAL MAT WEIGHT (G/CM ²)	ROLL WIDTH (CM)
400–450	140–280

Packaging & Labeling

Each roll is wound on a 102 mm (4") internal diameter cardboard tube and fully enclosed in Cling-Pak® wrap. Nine rolls are positioned vertically (except width 280 – it is placed horizontally) on each pallet, banded with tape and Cling-Pak® 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)
140	42	9	115 x 115
280	42	6	115 x 280

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 of the product, and retesting is advised after three years from the initial production date for optimum performance.

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