

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

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

Product Benefits

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

NOMINAL MAT WEIGHT (G/M²)	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 that glass fiber products be stored in a cool, dry area. Recommended long-term storage conditions are temperatures between 10°C and 35°C and relative humidity between 35% and 85%. While temporary deviations may occur during storage or transportation, product performance can be confirmed through routine verification testing if exposure outside these conditions has occurred for an extended period. Glass fiber products should remain in their original packaging until the point of use. To help prevent condensation, keep product in its original, unopened packaging and allow it to naturally acclimate to the workshop temperature for at least 24 hours before opening or use. Packaging is not waterproof and should be protected from weather and other sources of moisture. Although fluctuations may occur during transportation, handling, and temporary storage, products should be maintained within the recommended storage ranges after receipt to help preserve product performance. A defined shelf life has not been established for the product when stored under recommended conditions. However, retesting is recommended after three years from the date of manufacture to help ensure optimum performance.

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