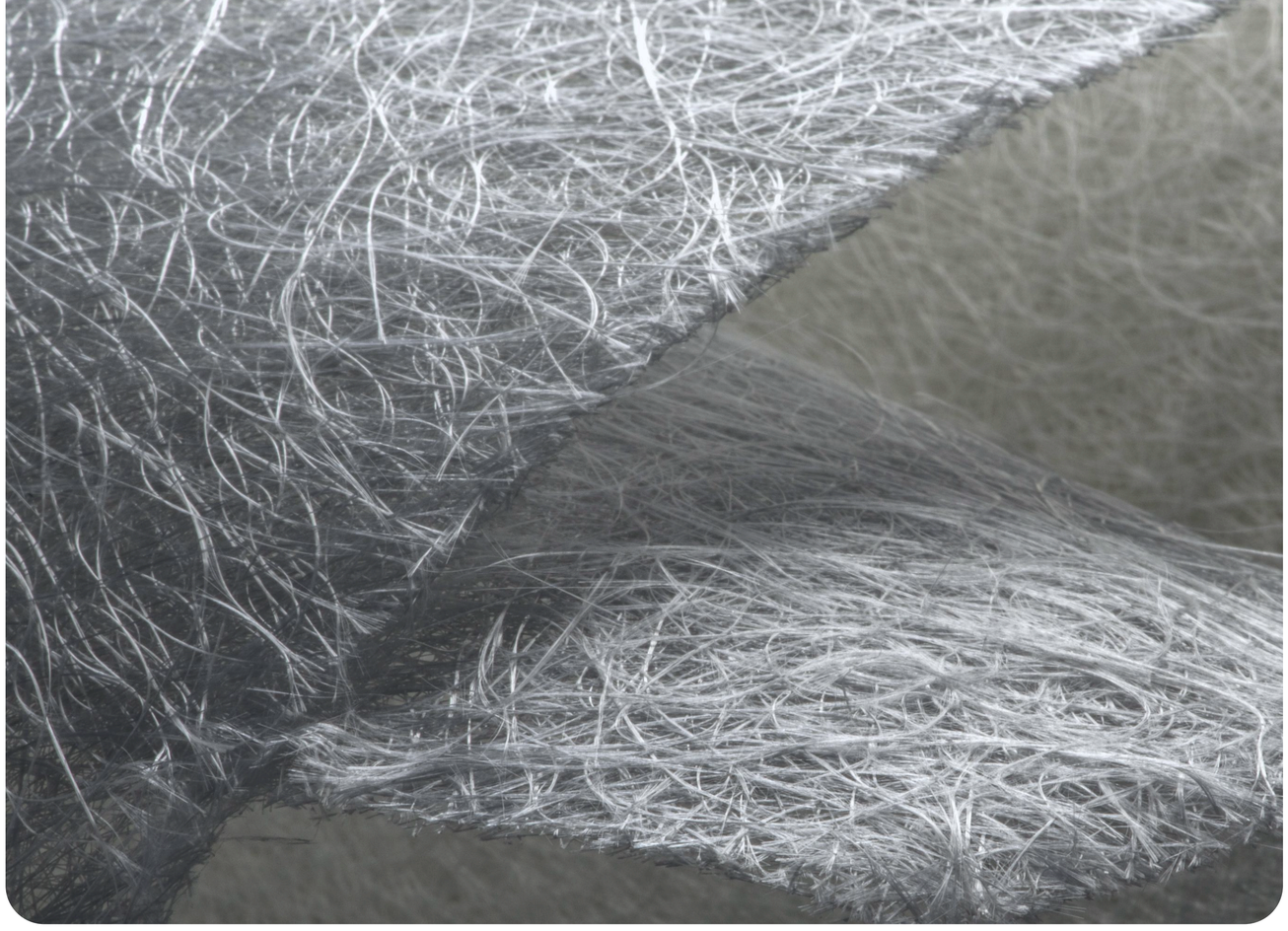
Original
Composites &
Fiberglass

CM 4020

Engineered for closed mold processing



CM 4020 is a continuous filament mat manufactured from E-CR glass filaments for closed mold composite manufacturing. Designed with an insoluble binder, it combines excellent resin impregnation, high mat rigidity and reliable laminate quality while supporting efficient processing across RTM, S-RIM, infusion and injection molding applications.

- High rigidity maintains mat integrity during handling.
- Optimized for RTM, S-RIM, infusion and injection molding.
- Compatible with polyester, vinyl ester, epoxy and polyurethane resins.

CONTINUOUS FILAMENT MAT FOR CLOSED MOLD PROCESSES

Product Benefits

Efficient Part Handling

High mat rigidity allows easy handling and cutting of large formats while maintaining integrity throughout the manufacturing process.

Reliable Closed Mold Processing

The insoluble binder resists wash-out under injection pressure, supporting consistent resin flow and reliable part quality.

Enhanced Mechanical Performance

Low bundle tex improves laminate mechanical properties, delivering strong and durable composite components.

Multi-Resin Compatibility

Compatible with polyester, vinyl ester, epoxy and polyurethane systems, providing flexibility across multiple closed mold manufacturing processes.

Application

CM 4020 is engineered for closed mold composite manufacturing, supporting injection molding, RTM, S-RIM and infusion across electrical, transportation, automotive and infrastructure applications.

CM 4020 | CLOSED MOLD | AUGUST 2026

Availability & Packaging

CM 4020 is available worldwide. Additional weights and widths are available upon request by your contact.

PRODUCT	WEIGHT[1] (g/m²)	WIDTH[2] (cm)	BUNDLE TEX	SOLID CONTENT (%)	RESIN COMPATIBILITY	PROCESS
CM 4020	300 / 450 / 600	56–260	20	3.75	PU, VE, EP, UP	MDM, RTM, S-RIM, Infusion

Each roll is wound on a hard carton tube with an inside diameter of 102 mm and an outside diameter of 110 mm. A PE stretch film protects the material during handling and slicing, and all rolls are supplied with trimmed edges.

The standard roll outside diameter is 55 cm.

- Up to 210 cm width: 6 vertical rolls per pallet
- Above 210 cm width: 6 horizontal rolls per pallet

Each roll and pallet is individually identified for traceability.

Labeling

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

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.

MAKE MORE POSSIBLE™

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