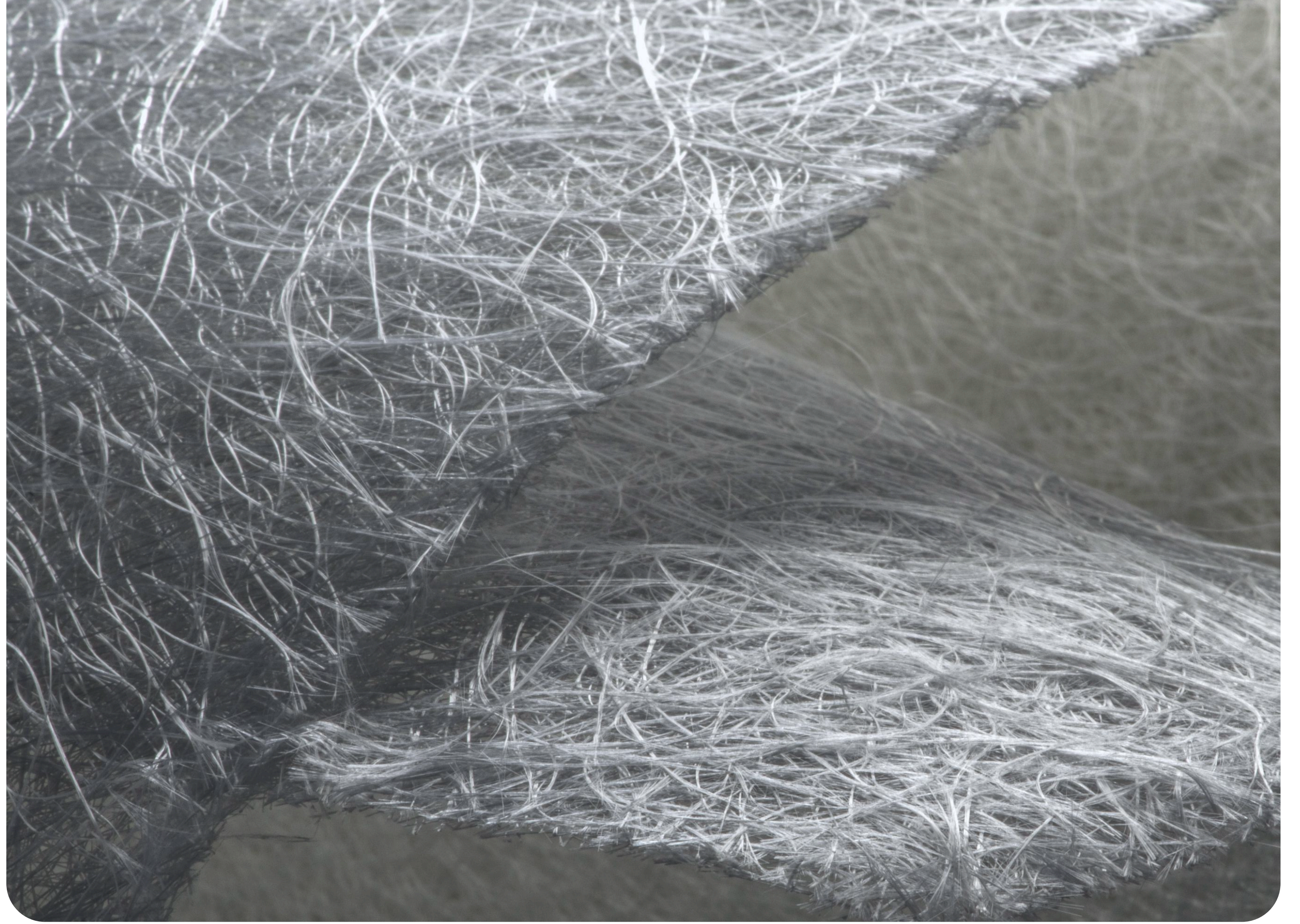


CM 1020

Optimized for PU foaming



CM 1020 is a continuous filament mat manufactured from E-CR glass filaments, engineered to reinforce rigid polyurethane foam panels. Its continuous random fiber construction delivers uniform reinforcement and reliable mechanical performance while promoting excellent opening and expansion during foam growth. Compatible with polyurethane foaming processes, it supports efficient manufacturing and high-quality insulation panels.

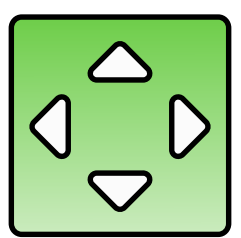
✓ Optimized for polyurethane foam panels and insulation applications.

✓ Excellent opening and expansion during foam growth.

✓ E-CR glass provides outstanding corrosion resistance.

CONTINUOUS FILAMENT MAT FOR REINFORCED POLYURETHANE FOAMS

Product Benefits



Efficient Foam Expansion

Opens easily during polyurethane foaming, allowing fast expansion and consistent reinforcement distribution throughout the panel.



Excellent Corrosion Resistance

E-CR glass technology delivers enhanced resistance to water, saltwater and acidic environments, helping extend service life in demanding applications.



Reliable Mechanical Performance

Continuous E-CR glass fibers provide strength, dimensional stability and consistent mechanical performance under both ambient and low-temperature conditions.



Smooth Processing

The soft mat construction and low binder content improve handling, conformability and resin flow for efficient manufacturing.

Application

CM 1020 is engineered to provide optimal performance in polyurethane foam panels, thermal insulation systems, LNG carrier insulation, and onshore LNG storage insulation



Availability & Packaging

CM 1020 is available worldwide. Additional weights and widths are available upon request by your contact.

PRODUCT	WEIGHT¹ (g/m²)	WIDTH² (cm)	BUNDLE TEX	SOLID CONTENT (%)	RESIN COMPATIBILITY	PROCESS
CM 1020	450	105-212	20	1,15	PU	Foaming

Each roll is wound on a hard carton tube with an inside hole of 102 mm and an external diameter of 110 mm or 118mm depending on mat widths. A PE stretch film is wrapped around the roll to protect the material during handling and to help the slicing. All CFM rolls have 2 sides trimmed. The outside diameter of the roll is a standard of 55 cm.

- For mat widths up to 190 cm : 6 vertical rolls per pallet
- For mat widths above 190 cm : 6 horizontal rolls per pallet

For more details on packaging, please contact the technical person.

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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