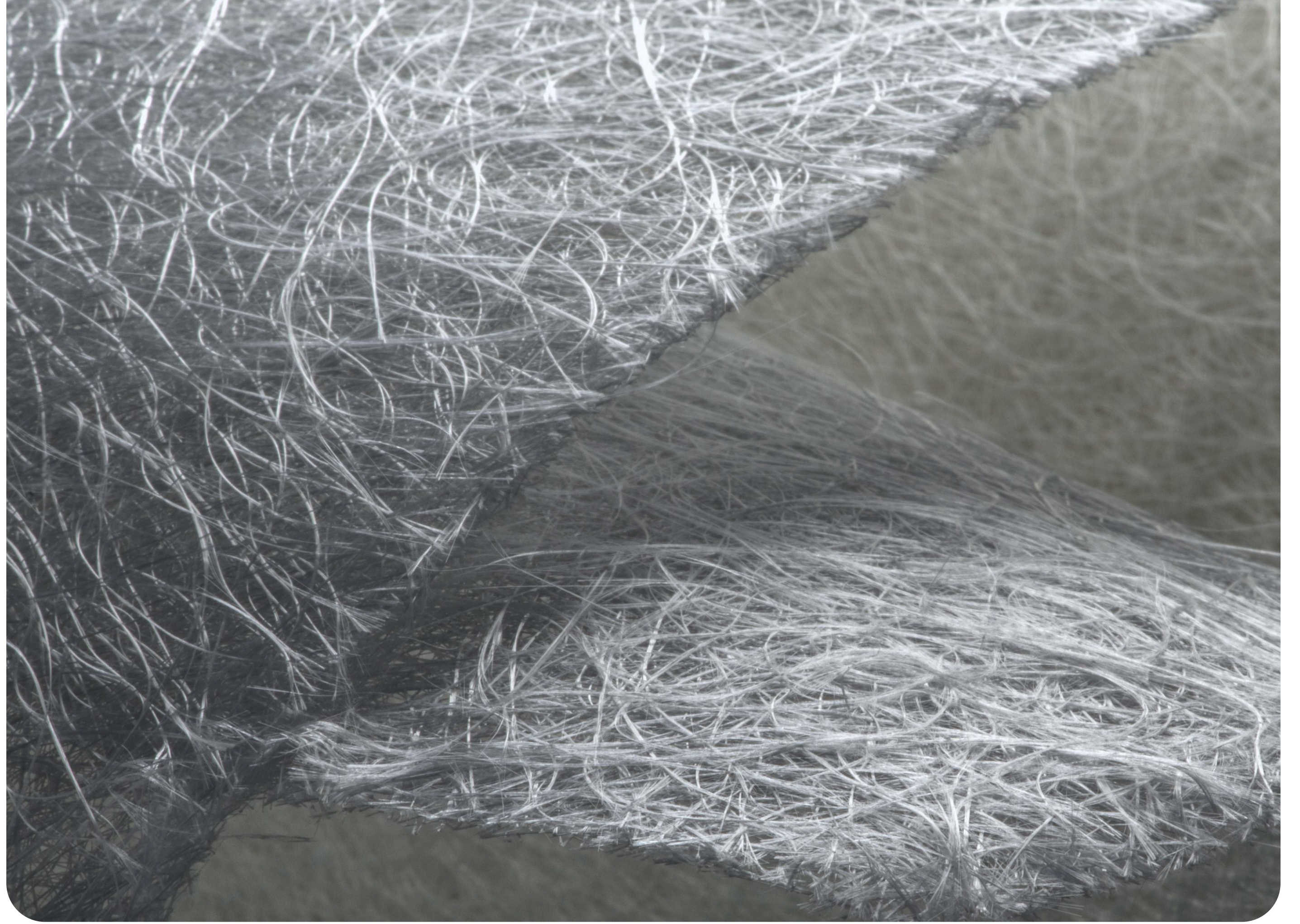


U801 & U809

Strengthen polyurethane foam

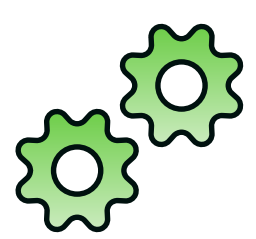


U801/U809 continuous filament mats represent specific solutions to homogeneously reinforce expanded polyurethane foam.

✓ Produced with patented Advantex® corrosion-resistant E-CR glass.

✓ Made of continuous filaments randomly oriented and bonded together by a thermoset binder.

Product Benefits



Customized For PU Foam Process

- U801/U809 specific design helps ensure uniform mat expansion during the PU foaming process.
- U809 is compatible with CO₂ blowing agent used in insulating material manufacturing process. Excellent glass/polyurethane bonding brings improved mechanical performance and dimensional stability to the PU foam.
- U801 superior drapability fits the most complex mold shapes.



Corrosion Resistance

- Excellent corrosion resistance with Advantex® glass compared to standard E-glass: providing longer service life in applications facing corrosion.

Application

U801/U809 mats are compatible with polyurethane resin systems and designed for PU foam reinforcement process. U809 is suited for LNG (Liquified Natural Gas) carrier cryogenic insulating systems. U801 is recommended for PU foam reinforcement in replacement of wood structure, in housing, and recreational vehicle applications.



Availability

U801/U809 are available worldwide. All products are made to order. Additional widths are available upon request by contacting your representative.

NOMINAL MAT WEIGHT (G/M²)	NOMINAL MAT WEIGHT (OZ./SQ.FT.)	ROLL WIDTH (CM)	ROLL WIDTH (IN)
225	0.75	-	For all nominal weights
300	1.0	127	50
450	1.5	128	50.4
600	2.0	-	-
900	3.0	-	-

Packaging

Each roll is wound up on a 103 mm (4.05 in) internal diameter cardboard tube and wrapped with a transparent stretch film.

NOMINAL MAT WIDTH (CM/IN)	ROLL Ø (CM/IN)	ROLLS PER PALLET	PALLET SIZE (CM/IN)
≤105/41	55/22	8	114 x 114 / 45 x 45
105 to 210 / 41 to 83	55/22	4	114 x 114 / 45 x 45
>210/83	55/22	2 to 8	Wooden Crate

Labeling

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

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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