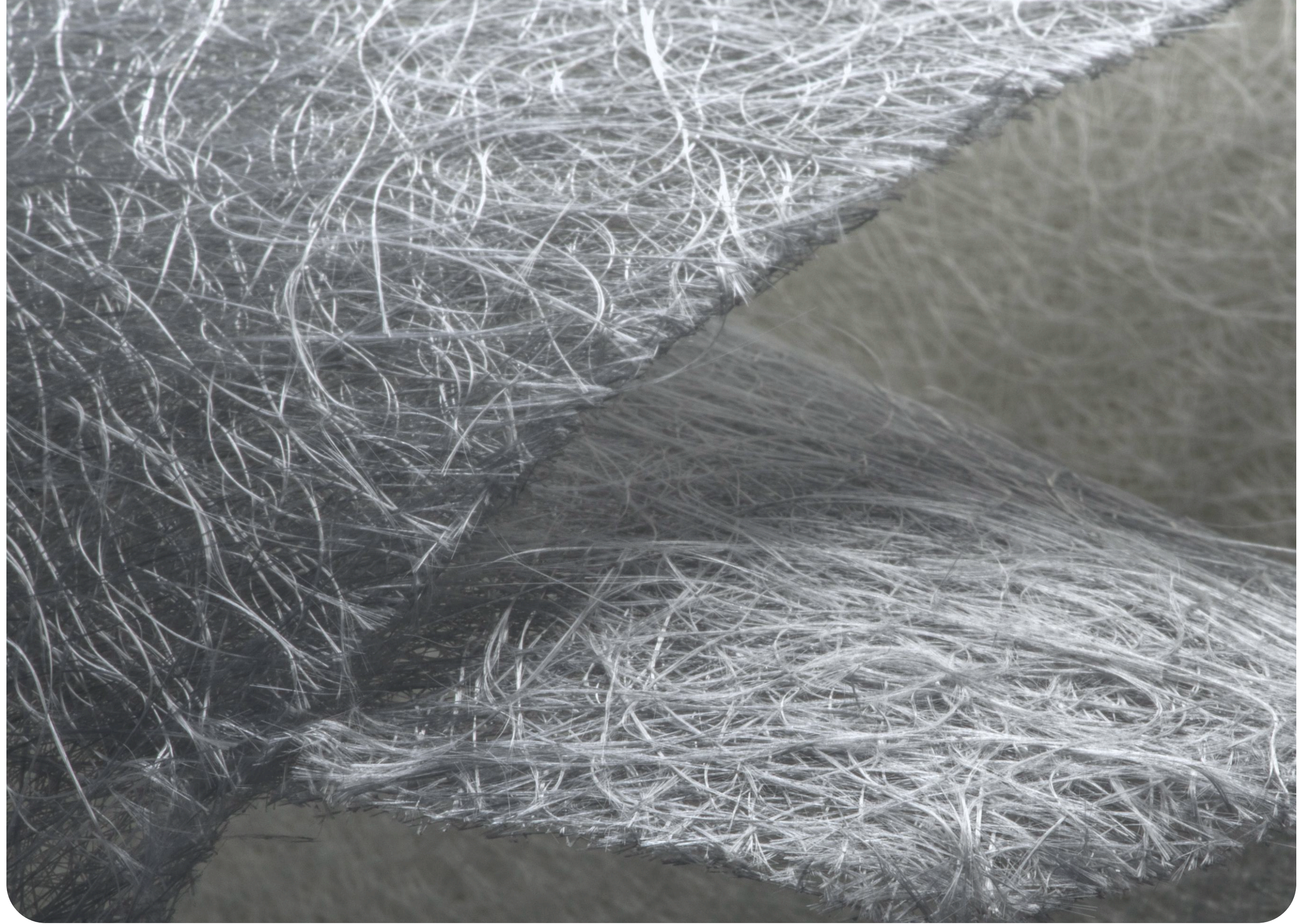


U624

Improve molding consistency & resin flow

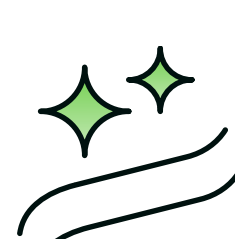
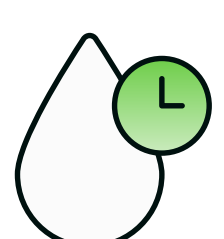
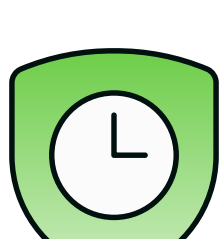


U624 continuous filament mat is designed for continuous molding of flat sheets and substrates, helping promote uniform resin distribution, fast wet-through and reduced air entrapment.

- ✓ Produced with patented Advantex® corrosion resistant E-CR glass.
- ✓ Designed with high loft and open construction for efficient resin flow.
- ✓ Made of continuous filaments randomly oriented and bonded together by a thermoset binder.
- ✓ Engineered with uniform glass distribution to support improved part-to-part consistency.

FOR CONTINUOUS MOLDING

Product Benefits

-  **Improved Part Consistency**
Uniform glass distribution helps support more consistent parts across production.
-  **Reduced Air Entrapment**
Open construction promotes uniform resin distribution and helps minimize trapped air during processing.
-  **Fast Resin Wet-Through**
High loft and open construction help resin flow efficiently through the mat.
-  **Corrosion Resistance**
Excellent corrosion resistance with Advantex® Glass compared to standard E-glass: providing longer service life in applications facing corrosion.

Application

U624 mat is compatible with polyester and vinyl ester resin systems. It is designed for continuous molding of flat sheets and substrates and can be used as reinforcement and/or as a resin flow media between layers of fabric reinforcement. Additionally, it can be used in Matched Metal Die Molding, RIM, SRIM, Light RTM and RTM applications where a deep draw is not required.



Availability

U624 is available in North America. Additional widths are available upon request by contacting your representative.

PRODUCT	WEIGHT* (OZ./SQ. FT)	WEIGHT (G/M²)	TRIMMED WIDTH* (IN)	TRIMMED WIDTH (CM)
U624	1.00	305	51, 76	129.5, 193
	1.50	458	51, 76	129.5, 193

*All combinations of non-standard weights and widths including anu combinations not reflected in CAS section III may be available only with prior approval of the product engineer.

Packaging and Labeling

Each roll is wound on a 101.6 mm (4”) inside diameter paper tube, fully enclosed in Creel-Pak® wrap, positioned vertically on each pallet, and Cling-Pak® wrapped. To allow 100% traceability once the roll is slit, information can be printed onto the wrapping film and the core paper tube.

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)	NOMINAL MAT WIDTH (IN)	NOMINAL ROLL DIAMETER (CM)	ROLL DIAMETER RANGE (IN)	ROLLS PER PALLET	PALLET SIZE (CM)	PALLET SIZE (IN)
≤ 106.7	≤ 42	55	19 - 22	12	167.6 x 111.8	66 x 44
> 106.7	> 42	55	19 - 22	6	167.6 x 111.8	66 x 44

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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