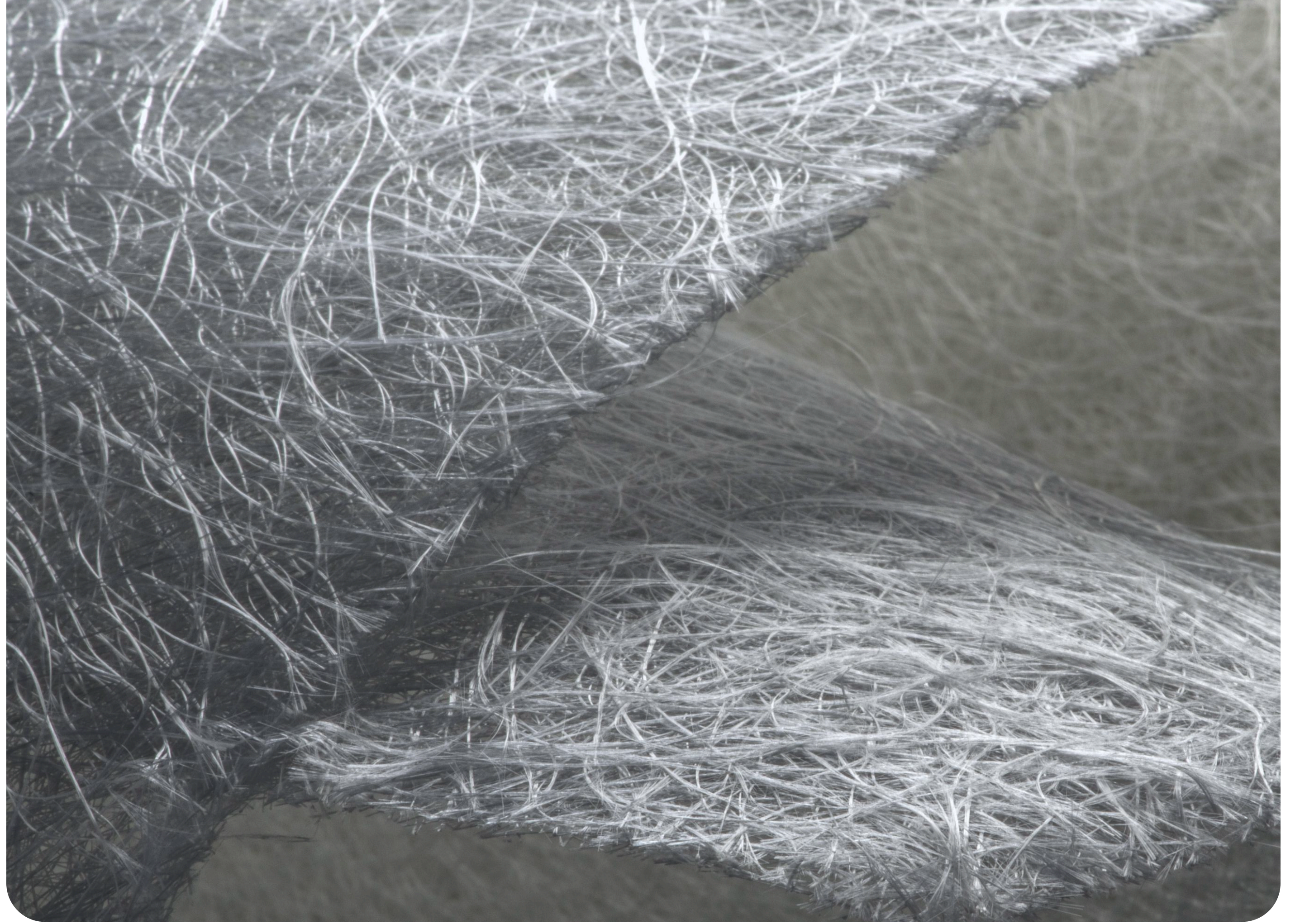


UNICONFORM® MAT

Excel in conformability
and translucency

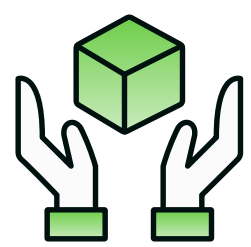


UNICONFORM® mat is well suited for very complex forms requiring high deformation in closed molding process, and enables excellent translucency in panel applications.

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

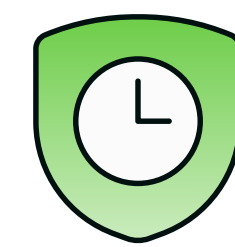
✓ Made of continuous filaments randomly oriented and without any binder, synthetic core or stitched yarn.

Product Benefits



Challenging Applications

- Good drapability and high-stretching provide ease of conformability and deformability to complex contours, while easy splicing and overlapping enable large and complex part design.



Corrosion Resistance

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



Improved Surface Aesthetics

- The open mat structure enables a consistent resin distribution throughout the surface, providing a smooth appearance behind the gelcoat.
- Excellent panel clarity and translucency are provided by the use of glass material — no synthetic core or stitching.



Improved Performances

- Continuous fibers provide high tensile and flexural performance to the final part.
- Lack of organic binder provides improved smoke and fire resistance properties.

Application

UNICONFORM® mat is compatible with unsaturated polyester, vinyl ester and epoxy resin systems.

It is designed for the manufacture of complex shapes, translucent panels and fire-retardant applications in a wide range of industries including recreation, automotive, heavy truck, and commercial buildings.



Courtesy of Polin Waterparks, Turkey.

Availability & Packaging

UNICONFORM® mat is available worldwide.

Depending on the mat weight, the roll width will be 125 or 250 cm (49.2 or 98.4 inches). Additional widths are available upon request by contacting your representative.

NOMINAL MAT WEIGHT (G/M²)	OZ./SQ. FT.
450	1.5
600	2.0
750	2.5
900	3.0
1200	4.0
1800	6.0
2400	8.0

Each roll is wound on a 103 mm 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)
125/49.2	38/15	9	114 x 114 (44.88 x 44.88)
250/98.4	38/15	6	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.

MAKE
MORE
POSSIBLE™

US & Canada
2790 Columbus Road
Building 70
Granville, Ohio, USA 43023
+1 866 2GET GLAS

Europe (France)
767 Quai Des Allobroges
Chambery
Rhône-Alpes 73000, France
+33 4 79 75 55 52

China
Room 301C+304,
1188 Minsheng Road,
Pudong, Shanghai
201705, China
+86 21 8010 3596

This information and data contained herein is offered solely as a guide in the selection of product. We do not guarantee its applicability to the user's process or assume any responsibility or liability arising out of its use or performance. The physical and chemical properties of this product represent typical, average values obtained in accordance with stated test methods and are subject to normal manufacturing variations. The user agrees to be responsible for thoroughly testing any application of the product to determine its suitability. Because of numerous factors affecting results, we make no warranty of any kind, express or implied, including those of merchantability and fitness for a particular purpose. Statements in this publication shall not be construed as representations or warranties or as inducements to infringe any patent or violate any law, safety code or insurance regulation. We reserve the right to modify this document without prior notice.

Pub. No. 10010856-C. UNICONFORM® MAT Product Data Sheet. July 2026. English. © 2026 OCF - Original Composites & Fiberglass. All Rights Reserved.