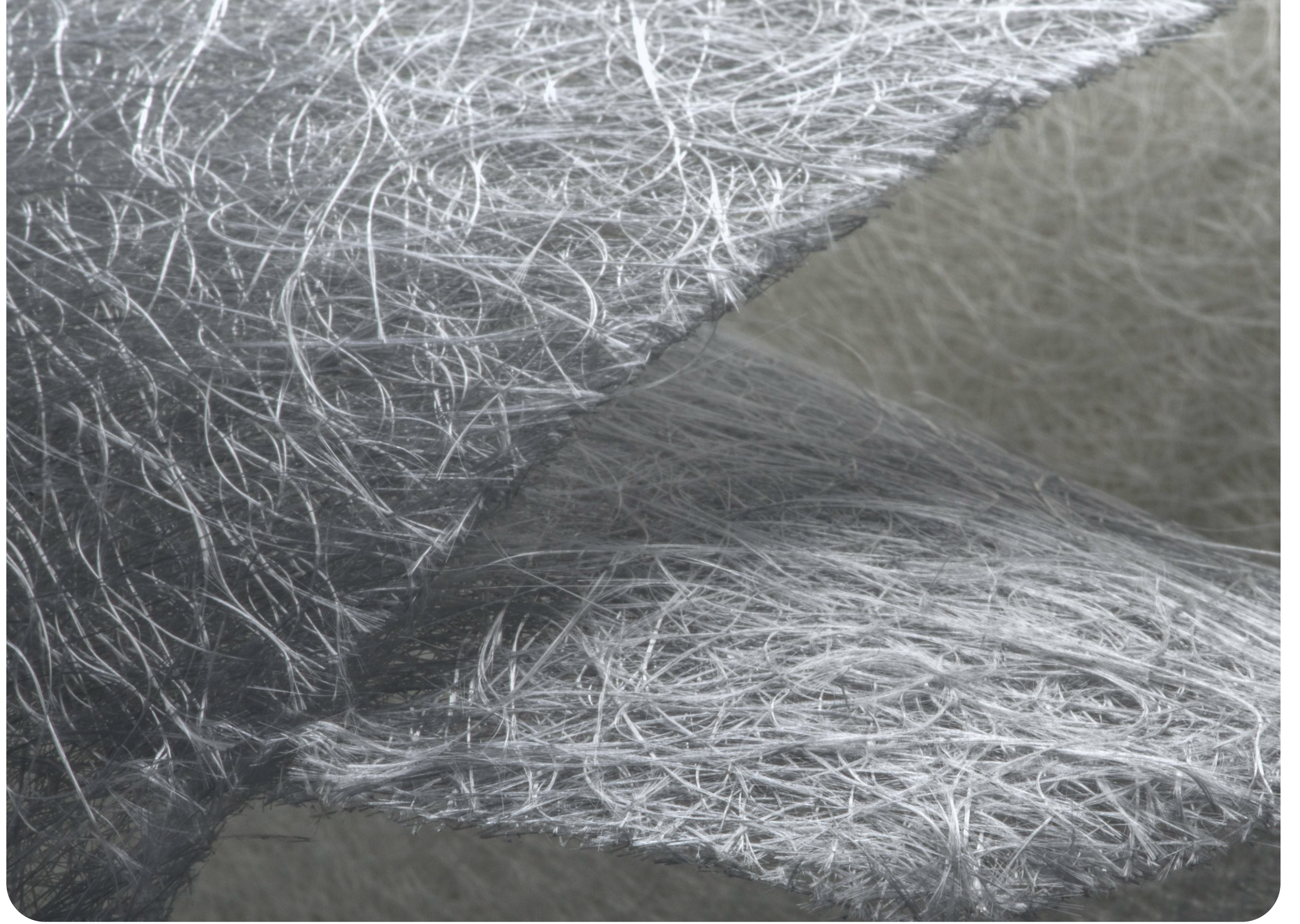


UNIFILO® 700 SERIES

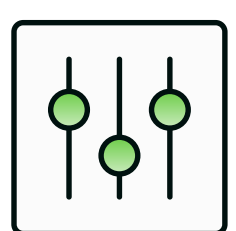
Make high-quality
preforms



UNIFILO® 700 Series continuous filament mats represent a large choice of tailored preforming solutions for closed mold processes.

- ✓ Produced with Advantex® corrosion resistant E-CR glass.
- ✓ Made of continuous filaments randomly-oriented and bonded together by a thermoplastic powder binder.

Product Benefits



Customized For Multiple Needs

- Unifilo® 700 Series mats are available with varying filament lay-out and binder contents to match up with specific customer applications.

Lower Binder

Higher Binder

T754 ●
S754 ●
S744 ●

U756 —
U746 ●

U720 —
U750 —
U740 ●
T750 ●
S750 ●

- Higher Loft
- Higher Cross Mechanical Property
- Higher Stretch
- Higher Stretch with Higher Loft

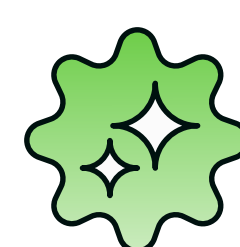
Better Conformability

Better Bonding
Easier Handling



Easy Processing

- S744, S750 products enable extra stretch and good resin flow for deeper draw applications.
- U746 product provides good stretch and excellent resin flow required in multi-layer applications.



Enhanced Mechanical Properties

- T750, T754 products provide enhanced mechanical properties in the cross-mat direction.
- U720 product provides stronger and more durable preforms. It is well suited for automated processes.



Corrosion Resistance

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

Application

Unifilo® 700 Series mats are compatible with unsaturated polyester, vinyl ester, acrylic and epoxy resins. They are designed to be preformed with the same dimensions as the final part and for use in closed mold processes such as RTM (high and low-pressure injection), infusion and compression molding. Applications include heavy truck, automotive and industrial parts.



Availability & Packaging

Unifilo® 700 Series mats are available worldwide. All products are made to order. Additional widths are available upon request by contacting your representative.

MAT WEIGHT (G/M²)	MAT WEIGHT (OZ/FT²)	ROLL WIDTH (CM)	ROLL WIDTH (IN)
300 - 450 - 600	1.0 - 1.5 - 2.0	From 50 to 306	From 19.7 to 120.5

Each roll is wound on a 103 mm (4”) 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 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™

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

Europe (France)
767 Quai Des Allobroges
Chambery
Rhone-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. 10010966-E. Unifilo 700 Series Product Data Sheet. July 2026. English. © 2026 OCF - Original Composites & Fiberglass. All Rights Reserved.