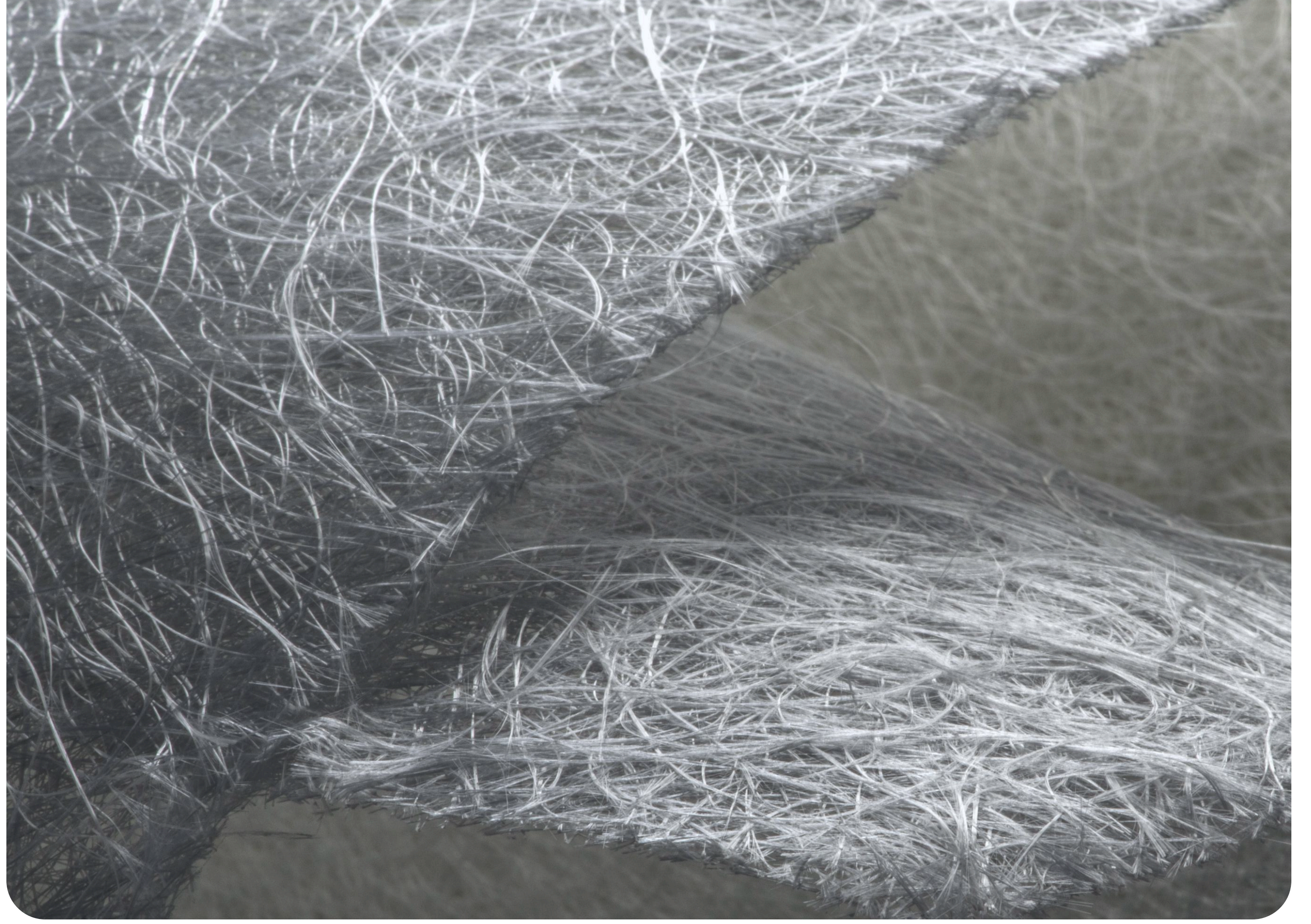


U101

Enhance surface aesthetics & performance

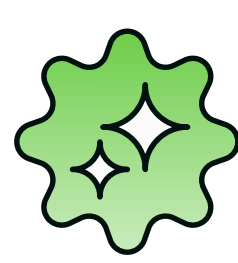


U101 continuous filament mat represents a compelling solution for lamination of continuous flat or corrugated panels where surface aesthetics are important in translucent or non-translucent applications.

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

FOR CONTINUOUS FLAT AND CORRUGATED PANEL LAMINATION

Product Benefits

- | | |
|--|--|
|  Excellent Processing
Continuous filaments help the resin flow consistently in continuous panel processing. |  High Mechanical Properties
Continuous filament construction contributes to enhanced high tensile and flexural performance. |
|  Improved Surface Aesthetics
Mat chemistry and construction have been tailored to enhance surface aesthetics. |  Corrosion Resistance
Excellent corrosion resistance with Advantex® Glass compared to standard E-glass: providing longer service life in applications facing corrosion. |

Application

U101 mat is compatible with unsaturated polyester, vinyl ester and epoxy resin systems. It is designed for lamination of continuous flat panels such as exterior panels for truck trailer or vehicle body, sandwich panel skins, as well as flat or corrugated translucent panels. Additionally, it can be used as surfacing media in preforms made with Unifilo® 700 mats.



Availability & Packaging

U101 is available in Europe. Standard widths are available from 50 to 300 cm. Additional widths are available upon request by your contact.

NOMINAL MAT WEIGHT (G/M²)	ROLL WIDTH (CM)
150 - 250 - 300 - 450 - 600	100

Each roll is wound on a 103 mm internal diameter cardboard tube and wrapped with a transparent stretch film.

NOMINAL MAT WIDTH (CM)	ROLL Ø (CM)	ROLLS PER PALLET	PALLET SIZE (CM)
≤210	52	9	114 x 114
>210	52	9	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™

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