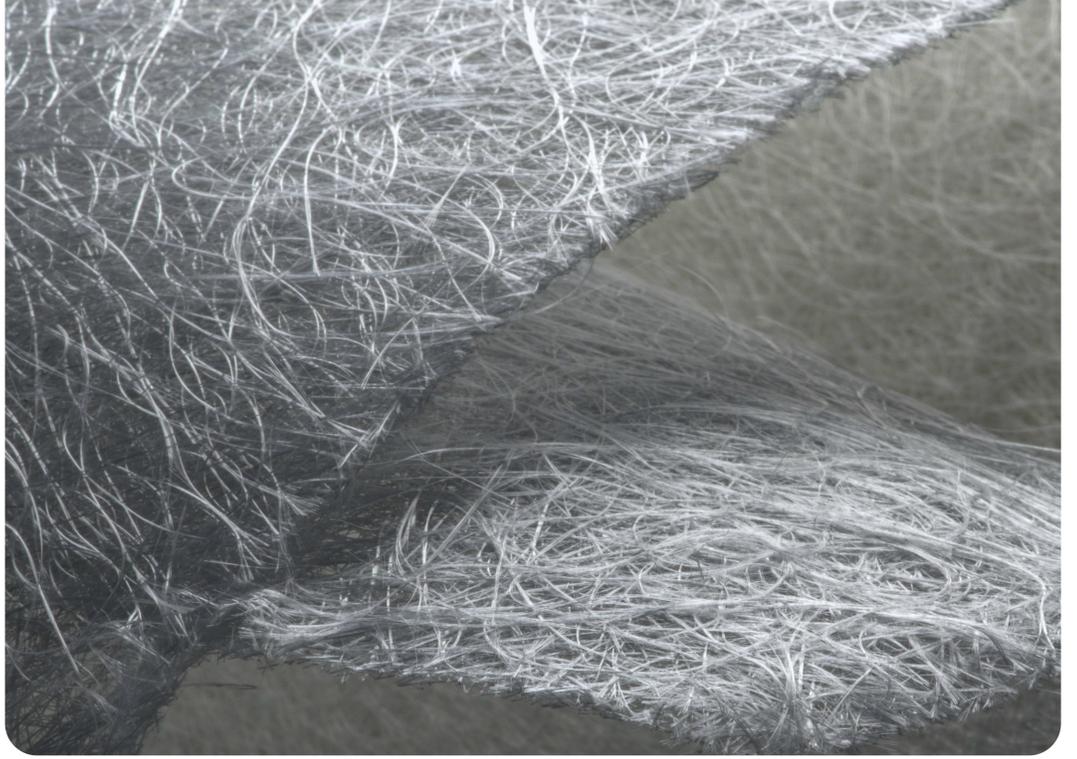




# U101

## 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 by Owens Corning.
- ✓ Made of continuous filaments randomly oriented and bonded together by a highly soluble polyester binder.

### SINGLE-END ROVING FOR PHENOLIC RESIN SYSTEMS

#### 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, acrylic 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 Owens Corning contact.

NOMINAL MAT WEIGHT (G/M <sup>2</sup> )	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 to store glass fiber products in a cool, dry area. The packaging is not waterproof. Be sure to protect the product from the weather and other sources of water. The product should be stored in the workshop, within its original packaging, 48 hours prior to its utilization. It is recommended that SE8380 Type 30® Single-end Roving be used in resin within 18 months for manufacture. The best storage conditions are temperatures between 7 °C and 33 °C and humidity 80% or less.

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MORE  
POSSIBLE™**

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