

# UNICONFORM® CONTINUOUS FILAMENT MAT

FOR CONFORMABILITY AND TRANSLUCENCY



## DESCRIPTION

**Uniconform® mat** is made of Advantex® glass continuous filaments of random orientation without any binder or stitching yarn. The result of this construction is a highly conformable mat which can also provide very good translucent properties in panel applications. Uniconform® mat is compatible with unsaturated polyester, vinyl ester, polyurethane and epoxy resins.

## BENEFITS

- **Excellent conformability and high deformability:** Soft handling product that readily adapts to complex molds
- **No binder, synthetic core or stitching:** Provides very good translucent properties in panel applications and outstanding fire resistance properties
- **Open structure:** Results in a good resin flow and surface appearance behind gel coats
- **Easy to tailor:** Mat construction allows for easy splicing and overlapping
- **Superior corrosion resistance with Advantex® Glass compared to standard E-glass:** Advantex® Glass helps longer part life and service life strength in applications facing corrosion. For additional information on Advantex® glass use the link below: <http://composites.owenscorning.com/aboutAdvantex.aspx>



## APPLICATIONS

Uniconform® mat is well suited for very complex forms requiring high deformation, translucent panels, and fire resistance applications in a wide range of industries including recreation, automotive, heavy truck, and commercial buildings.



# UNICONFORM<sup>®</sup> CONTINUOUS FILAMENT MAT

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**AVAILABILITY** – Not all products are available in all regions. Additional weights and widths are available upon request.

Nominal Mat Weight (g/m <sup>2</sup> )	Roll Width (cm)
450 – 600 – 750 – 900 – 1200 – 1800 – 2400	125 – 250

## PACKAGING

Nominal Mat Width (cm)	Roll Diameter (cm)	Rolls Per Pallet	Pallet Size (cm)
125	38	9	114 x 114
250	38	9	Wooden Crate

Each roll is wound up on a 103 mm internal diameter cardboard tube and wrapped with a transparent stretch film. Rolls with a width of 125 cm are positioned vertically on each pallet and fully wrapped in stretch film. Rolls with a width of 250 cm are placed inside a polyethylene bag and horizontally positioned inside of a wooden crate.

## LABELLING

Each roll bears a label detailing the product description, product code, nominal weight, roll width, roll number, date of manufacture, and time of manufacture.

## STORAGE

Unless otherwise specified, it is recommended to store glass fiber products in a cool, dry area. The best conditions are at a temperature between 10°C and 35°C and a relative humidity between 35% and 85%. The glass fiber products must remain in their original packaging material until the point of usage. If the storage temperature is below 15°C, it is recommended that the product be stored in the workshop, within its original packaging, at least 24 hours prior to use to prevent condensation. The packaging is not waterproof. Be sure to protect the product from the weather and other sources of water. When stored properly, there is no known shelf life to the product, but retesting is advised after three years from the initial production date to insure optimum performance.

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Pub number: 10017539

Uniconform\_ww\_09\_2014\_Rev5, September 2014

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