



Uniconform®

300, 450, 600, 750, 900, 1000, 1200, 1800, 2400g/m²

PRODUCT DESCRIPTION

Uniconform® is made of Advantex® glass continuous strands of random orientation without any binder or any stitching yarn. The Advantex® glass fiber combines the electrical and mechanical properties of traditional E-glass with the acid corrosion resistance of E-CR glass. It is a soft product with a high stretchability designed for injection moulding, infusion or wet compression. The continuous strands have a sizing with a coupling agent that makes Uniconform® compatible with Unsaturated Polyester, Vinylester and Epoxy resins.



PRODUCT REFERENCE

Example : UM 600 -125

UM : Uniconform®

600 : Nominal weight per unit area (g/m²)

125 : Roll width (cm)

FEATURES AND PRODUCT BENEFITS

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|--|---|
| • 100% continuous glass fibres, no binder and no synthetic core nor stitching yarn | • Translucent panel capabilities |
| • Soft product easy to handle | • Good mechanical properties and isotropy |
| • Very good surface appearance behind gel coat | • Very good adaptability to molds of complex shapes |
| • Outstanding fire retard properties (100% glass fibres) | • Uniform glass content on tight radii |
| • Easy to cut, splice and overlap with reduced waste | • High Z permeability and wet out |

VISUAL CHARACTERISTICS OR POSSIBLE DEFECTS

Type A: big filaments (coarse strands)

Type B: cluster of glass fibre

Type C: water spots

Type D: dirt and foreign matters (diameter inferior to 30 mm)

Type E: hole

Maximum number of defects allowed: each area of 100 lm of a roll of Uniconform® may contain at most 5 of the defects listed above.

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TECHNICAL CHARACTERISTICS (NOMINAL VALUES)

REFERENCE	SURFACE WEIGHT (g/m ²)	BASIC SIZE	SOLUBILITY IN STYRENE	MOISTURE CONTENT (%)
				ISO 3344
UM 300	300	Silane	Medium	<0.15
UM 450	450	Silane	Medium	<0.15
UM 600	600	Silane	Medium	<0.15
UM 750	750	Silane	Medium	<0.15
UM 900	900	Silane	Medium	<0.15
UM 1000	1000	Silane	Medium	<0.15
UM 1200	1200	Silane	Medium	<0.15
UM 1800	1800	Silane	Medium	<0.15
UM 2400	2400	Silane	Medium	<0.15

PRODUCTS AVAILABLE (STANDARD REF.)

ROLL WIDTH (cm)	STANDARD WEIGHTS (g/m ²)	APPROXIMATE DIMENSIONS OF FULL ROLL		
		DIAMETER (cm)	NOMINAL LENGTH (m)	NOMINAL WEIGHT (kg)
	300	38	60	20 / 40
	450	38	50	22 / 44
125 / 250	600	38	40	25 / 50
	750	38	35	28 / 56
	900	38	30	28 / 56
	1000	38	25	30 / 60
	1200	38	20	30 / 60
	1800	38	16	30 / 60
	2400	38	12	30 / 60

PACKAGING (STANDARD REF.)

- Each roll of Multiconform® mat is wound onto a cardboard tube of 0.7 kg/m and internal diameter 103 mm, then individually wrapped with a transparent stretch film
- Pallet type:
 - For rolls with a width 125 cm, a standard pallet is used (vertical rolls)
 - For rolls with a width 250 cm, a wooden crate is used (horizontal rolls)
- Protection type:
 - Standard pallet = cardboard base and cover, fully wrapped in stretch film
 - Wooden crate = each roll packaged in a polyethylene bag

ROLL WIDTH H (cm)	NUMBER OF ROLLS PER PALLET	PALLET DIMENSIONS LENGTH X WIDTH X HEIGHT	PALLET NET WEIGHT (kg)
125	9	114 x 114 (H + 15)	250
250	9	Wooden crate	520

LABELING

Each roll carries an information label with product reference. Each pallet carries also an information label with: product reference, gross and net weights, the number of rolls on the pallet and their net weight.

STORAGE

Uniconform® must be stored in its original packaging in a place avoiding humidity and heat. The best conditions are a temperature between 15 and 35°C and a relative humidity level between 35 and 85%.

If the product is stored at low temperature (below 15°C), it is advisable to condition the mat in the workshop for at least 24 hours before use, to prevent condensation. Static stacking of the pallets is possible one plus one, is not recommended.

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