

marglass NT1500

EN E-glass needlemat for flexible isolation systems.
ES No tejido punzonado de fibras de vidrio.

NON FLAMMABLE FABRIC



Technical Data Sheet

Composition	>98%E-glass
Base	E-glass fabric
Working side finish	none
Reverse side finish	none
Weave	non-woven/ needlemat

Physical Properties

	Metric	US
Diameter of fibers	7-18 μm	-
Thickness CSN EN ISO 9073-2	10 mm	0,4 in
Weight CSN EN 29073-1	1500 gr/m^2	45 oz/yd^2
Roll length CSN 256111	25 m	27 yd
Roll width CSN 256111	100 cm	1,10 yd
Density	130 Kg/m^3	8 lb/ft^3

Thermal Properties

	Metric	US
Continuous temp	500°C	932°F
Thermal conductivity	0,176 $\text{W}/\text{m}^2 \text{ } ^\circ\text{K}$	

Thermal conductivity

	50°C/112°F	100°C/212°F	200°C/392°F	300°C/572°F	400°C/752°F	500°C/932°F
DIN EN 1094 ($\text{W}\cdot\text{m}^{-1}\cdot\text{K}^{-1}$):	0,039	0,044	0,057	0,075	0,097	0,121

Common Applications

- Flame barrier
- Thermal barrier
- Isolation Jackets
- Gaskets

Main Features



Flame Resistant



Needle mat



Thermal barrier



No Binders



Flexible mat

Technical Specs

	Results	Standard
Limited Flame Spread	A1-A2	ISO 15025
Convective Heat	B2	ISO 9151
Radiant Heat	C3	ISO 6942
Heat Resistance	260 °C PASS	ISO 17493
Fire reaction	M1 CLASS	NFP92503

The described values in this technical sheet are the estimated results obtained in the MARINA TEXTIL S.L. internal laboratory according to standard methodologies. MARINA reserves the right to change the parameters without the obligation to notice it previously. Asbestos free product suitable for human skin contact.