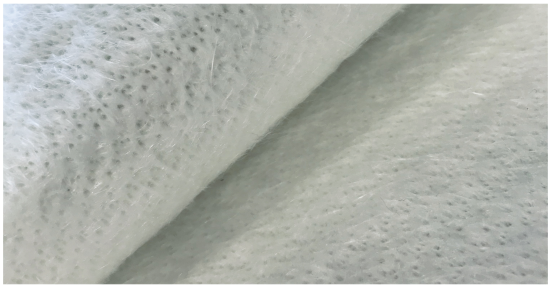
MARINA
TECHNICAL FABRICS

marglass NT1300

NON FLAMMABLE FABRIC

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



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	1300 gr/m²	45 oz/yd²
Roll lenght CSN 256111	25 m	27 yd
Roll width CSN 256111	100 cm	1,10 yd
Density	130 Kg/m3	8 lb/ft^3

Thermal Properties	Metric	US
Continious temp	**500ºC**	**932ºF**
Thermal conductivity	**0,176 W/m² ºK**	

Thermal conductivity	50ºC/112ºF	100ºC/212ºF	200ºC/392ºF	300ºC/572ºF	400ºC/752ºF	500ºC/932ºF
DIN EN 1094 (W*m^{-1}*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 ºC 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 la boratory 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.

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