

VARIOTHERM 500

Technical specification

Product		R 001
Application temperature	°C	650
Short-term application temperature	°C	700
Density	kg/m ³	70 – 180
Thermal conductivity (at a medium temperature W/mK) DIN 52612	100 °C	0.040
	200 °C	0.052
	300 °C	0.068
	400 °C	0.098
Fibre diameter (DIN 1888)	µm	9 – 13
Standard dimensions (rolls) Roll length in m ⁽¹⁾	Length	10 – 30
	Width	1000
	Thickness	5, 10, 15, 20, 25
	Org. binder (%)	0
Sizing agent content (PA 003)	%	< 0.1
Colour		white
Packaging		PE film sack

E-Glass Needle mat for thermal insulation and sound absorption in the fields of small electrical devices, household appliances, solar collectors, machinery construction and shipbuilding.

- (1) We are able to supply special formats and special thicknesses on request. We will be pleased to manufacture stampings, milled parts or cuttings according to your drawings.
- (2) The classification temperature is not to be equated with the maximum application temperature, in particular when physical conditions such as tensile or pressure loads are involved. For applications as high-temperature insulation, lower temperatures must always be applied. In these cases, our Engineering department will offer assistance and support.
- (3) Heat transmission calculations for this material can be requested from our Engineering department.

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