

Ceramic mat type MT – 1260, MT – 1430

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Elastic stitched mat produced of all kinds of aluminosilicate fibre, without the addition of organic binders. It is meant for thermal insulation of furnaces, dryers, ingot moulds, coke batteries and in many other applications with very high temperature and where we want to reduce the heat flow.

Properties

- the highest resistance to thermal shocks,
- very low thermal conductivity,
- good chemical resistance,
- flexibility,
- non-flammability.



Technical parameters

DESCRIPTION OF PARAMETER		VALUE	
TYPE		MT – 1260	MT – 1430
Maximum temperature of continuous work in °C		1100	1350
Maximum short-term working temperature °C		1300	1500
Thermal conductivity (W/mK)	200°C	0,07	0,07
	400°C	0,11	0,12
	600°C	0,14	0,14
	800°C	0,18	0,18
	1000°C	0,26	0,26
	1200°C	0,35	0,35
Chemical composition	Al ₂ O ₃	45	42
	SiO ₂	54	47
	Fe ₂ O ₃	0,50	-
	ZrO ₂	3	10
	Na ₂ O K ₂ O	0,40	0,40
Maximum losses after ignition in %		1	1
Maximum contractibility of the surface in %		3	3
Density in kg/m ³		128 ± 15 %	128 ± 15 %
Colour		white	white
Size in mm (thickness/width/length)		13 x 610 x 14000 20 x 610 x 9000 25 x 610 x 7200 30 x 610 x 6000 38 x 610 x 5000 50 x 610 x 3600	13 x 610 x 14000 20 x 610 x 9000 25 x 610 x 7200 30 x 610 x 6000 38 x 610 x 5000 50 x 610 x 3600

Upon a special order, mats may be produced with the density of 96 kg/m³ 160 or kg/m³, as well as in rolls with the width of 1000 or 1220 mm.

Special versions

MT 1260/BIO – of biodegradable fibres

Commercial packaging

1 roll in a carton
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