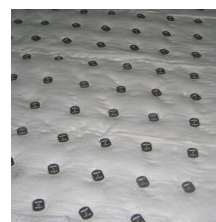


1 CERAMIC FIBER BLANKETS 1260-1600 °C



Ceramic fiber blankets UNIHEAT with max use temperature up to 1500 °C.
 Features: low thermal conductivity, stand most chemicals, excellent thermal resistance, easily processed.



PRODUCT PROPERTIES		HPS 1260	HTZ 1425	HP 1600	BIO 1200
TEMPERATURE GRADE	°C	1260	1425	1600	1200
LONGTERM OPERATING TEMP	°C	1100	1300	1500	1100
DENSITY	kg/m ³	96 – 128 - 160			
THERMAL SHRINKAGE					
• 1100 °C (24 HOUR.)	%	<3	-	-	<3
• 1300 °C (24 HOUR.)	%	-	<3	<3	-
SPECIFIC HEAT - 1000 °C	kJ.kg ⁻¹ .K ⁻¹	1,13			
PACKAGING		carton			
CHEMICAL COMPOSITION					
• AL ₂ O ₃	%	45-46	33-37	72	
• SiO ₂	%	51-52	47-51	28	60-70
• ZrO ₂	%		13-19		30 (CaO)
THERMAL CONDUCTIVITY (128 kg/m ³)					
• 600 °C	W.m ⁻¹ K ⁻¹	0,16		0,13	0,12
• 800 °C	W.m ⁻¹ K ⁻¹	0,25	0,20	0,18	0,26
• 1000 °C	W.m ⁻¹ K ⁻¹	0,36	0,28	0,28	0,30
• 1200 °C	W.m ⁻¹ K ⁻¹		0,36	0,36	

Standard sizes and packaging

THICKNESS	WIDTH	LENGTH	M ² at roll	WEIGHT	kg
13	610	14 640	8,93	density 96 kg/m ³	10,7
19		9 640	5,88	density 128 kg/m ³	14,3
25		7 320	4,47	density 160 kg/m ³	17,9
38		4 820	2,94	BOX SIZE 46 x 46 x 62	
50		3 660	2,23		