



TECHNICAL CARD SHEET

PAPER PRO THERM-1600

Pro Therm-1600 paper is made of high-purity polycrystalline fibers. Designed for high-temperature insulation. Advanced production techniques ensure uniform fiber distribution and precise control of thickness and density. The paper is made with a minimal addition of carefully selected binders that burn cleanly during operation.

CHARACTERISTICS

- o Good tear strength
- o High elasticity
- o Low content of unfibred material (shot).
- o Precise thickness
- o Resistance to sudden temperature changes
- o Very low thermal conductivity

APPLICATIONS

- o Thermal break insulation
- o Insulation gaskets
- o Expansion joints, expansion joints
- o Release agent
- o Die-cut gaskets for household appliances
- o Thermal barriers for cars (mufflers, catalytic converter pipes and heat shields)
- o Fire protection

Oxide-silicate refractory fibres are non-combustible when tested in accordance with BS 476, Part 4.

AVAILABILITY AND PACKAGING

Available thicknesses: 0.5mm, 1mm, 2mm, 3mm, 4mm, 5mm and 6mm

Standard roll widths: 500mm, 610mm, 1000mm and 1220mm





CERAMIC PAPER		PRO TERM-1600
Classification temperature	°C	1600
Physical properties		
Color	-	White
Density	kg/m ³	200
Melting temperature	°C	1800
Tensile strength (kN/m ²)	kN/m ²	750
High temperature parameters		
Binder Content / Loss on Ignition	%	7
Shrinkage (24 hrs at 1260°C)	%	< 4
Thermal conductivity at temperature		
600°C	W/m.K	0,16
800°C	W/m.K	0,20
1000°C	W/m.K	0,24
Chemical composition		
Al ₂ O ₃	%	90
SiO ₂	%	8
other	%	2

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