



FIREPROTECT

# Data Sheet

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## Kaowool Ceramic Paper 1260

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Manufacturers & Suppliers of Passive Fire Protection Products

### Description

Kaowool 1260 Paper is manufactured from high purity refractory fibres and designed for high temperature insulation.

Advanced production techniques ensure uniform fibre distribution and close control of thickness and density.

Kaowool 1260 Paper is produced from Alumina- Silicate fibres with the minimum addition of carefully selected bonds, which burn out cleanly in service.



### Type

Refractory Ceramic Fibre Paper

### CLASSIFICATION TEMPERATURE

1260 C

The maximum continuous use temperature depends on the application. In case of doubt, refer to your local Murugappa Morgan Thermal Ceramics representative for advice

### Combustibility

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

### ADVANTAGES

- Good resistance to tearing
- High flexibility
- Low shot content
- Precise thickness
- Resistant to thermal shock
- Very low thermal conductivity

### APPLICATIONS

- Insulating thermal break
- Insulating gaskets
- Expansion joints
- Parting media
- Die cut gaskets for domestic appliances
- Thermal barriers for vehicles (silencers, catalytic exhausts and heat shields)
- Fire protection
- Glassware Separator/ Parting agent
- Glass Sagger mold linings



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### Main Properties

Classification Temperature	° C	1260
<b>Typical Physical Properties</b>		
Colour		White
Density	Kg/M3	150-250
Tensile Strength	Kgf/m2	> 30,000
<b>High Temperature Performance</b>		
Loss on Ignition	%	10 Max
Linear Shrinkage( 24 hrs @ 1100 C) ASTM C 356	%	2.0 Max
Thermal conductivity (ASTM C 201) at mean temperature of:		
200 C	W/m.K	0.06
400 C	W/m.K	0.09
600 C	W/m.K	0.13
800 C	W/m.K	0.17
1000 C	W/m.K	0.21

### Chemical Composition

Al <sub>2</sub> O <sub>3</sub>	%	42
SiO <sub>2</sub>	%	58

### Availability and Packaging

Kaowool 1260 Paper is available in standard roll sizes of 1000 and 1220mm wide. It is available in the following thicknesses and standard lengths. Special roll widths and lengths can also be supplied.

Thickness	( mm )	1	2	3	4	5	6	8	10	12
Length	( mm )	40	30	20	15	12	10	10	8	8

Fireprotect ( Chester ) Ltd reserve the right to update this data sheet should any additional information become available. As our products are being used for a variety of applications under different conditions, we will not be held responsible for the failure of any product. Whilst all information is provided in good faith, it is up to the customer to test and establish suitability of each product via their own test methods.