



FIREPROTECT

# Data Sheet

Fireprotect House  
Factory Road  
Sandycroft  
Deeside  
Flintshire  
CH5 2QJ

Tel:- 01244 536595  
Fax:- 01244 533592  
e-mail:- sales@fireprotect.co.uk  
Web:- <http://www.fireprotect.co.uk>

## Ceramic Glazing Tape

Manufacturers & Suppliers of Passive Fire Protection Products

### CONSTRUCTION

Ceramic Glazing Tapes are manufactured from alumina silicate wool, blended with specially selected organic binders to give flexible papers with exceptional characteristics. Advanced production techniques ensure a highly uniform structure enhanced by low thermal conductivity, good handling strength and a smooth surface. They have a temperature range stability of up to 1200°C (paper only, self adhesive backing can only withstand around 120 °C), and are designed with the end user in mind.

### GENERAL CHARACTERISTICS

- High temperature stability (up to 1200°C)
- Good handling strength
- Lightweight
- Excellent flexibility
- Easy to wrap, cut and shape

### TYPICAL APPLICATIONS

- High temperature gaskets and seals for glazing systems
- Fire resistant gaskets for metal partitions
- Automotive heat shields
- Molten metal transfer systems (back-up insulation)
- Expansion joints

### Thermal Conductivity (W/mK)

Mean Temp.	
200 °C	0.06
400 °C	0.10
600 °C	0.15
800 °C	0.22

### Permanent Linear Shrinkage (%) 24 Hour Soak

1200 °C <4.0

**For test evidence and further information, please contact us.**

### TYPICAL PRODUCT PARAMETERS

#### Typical Chemical Analysis (fibre wt. %)

Calcia-magnesia-Silica fibre 55-83  
Binder (acrylic) 6-12

#### Physical Properties

Colour White  
Melting Point (°C) >1330  
Product Density (kg/m<sup>3</sup>) 140 –160  
Tensile Strength (kPa) >350  
Paper Type Washed  
Classification Temperature (°C) \* 1200

### Ceramic Glazing Tapes are available in

Widths 10mm to 610mm

Thicknesses 1mm to 6mm

If exposed to weather, the tape should be capped with an appropriate sealant.



The Company 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, the Company 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.