



*greener
cleaner
safer*
specialty fibers for
a greener, cleaner, safer world

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DESCRIPTION

Ceramic Fibre Cloth is produced by weaving in number of plied & reinforced yarns. The width and thickness are determined by the number and thickness of the yarns used.

Ceramic Fibre Cloth is a soft resilient, flexible product used for high temperature sealing & gasketing application as replacement for asbestos.

CONSTRUCTION

Ceramic Fibre Cloth is reinforced with fiber glass (650°C) or SS wire (1050°C) and contains approximately 20% organic carrier fibre to facilitate the yarn making. The carrier fibre burns out at a low temperature, but this has no effect on the properties of the ceramic fibre.

GENERAL CHARACTERISTICS

Ceramic Fibre Cloth & Tape have the following outstanding characteristics :

- High temperature stability
- Resistance to thermal shock and chemical attack
- Excellent handling strength
- Easy to wrap, cut and shape

TYPICAL APPLICATIONS

- High temperature gasket and wrapping material
- Cable and wire insulation
- Sealing openings in reformers
- Expansion joints
- Fire protection systems

Any new and/or special use of these products, whether or not in an application listed in our literature, must be submitted to our technical department for their prior written approval.

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TYPICAL PRODUCT PARAMETERS

Ceramic Fibre Cloth & Tape	
Physical Properties	
Average Density (kg/m ³)	500
Colour	White to Off-White
Basic Composition	Alumina - Silica
Continuous Use Limit	650 °C Reinforced with Fiber Glass 1050 °C Reinforced with SS wire
Temperature Grade of Fibre (°C)	1260
Melting Point of Fibre (°C)	1760

AVAILABILITY

Description	Thickness	Width
Ceramic Fibre Cloth	2 & 3	1000
Ceramic Fibre Tape	2 & 3	25 & 50

HANDLING INFORMATION

A Material Safety Data Sheet has been issued describing the health, safety and environmental properties of this product, identifying the potential hazards and giving advice on handling precautions and emergency procedures. This must be consulted and fully understood before handling, storage or use.

CHEMICAL PROPERTIES

Ceramic Fibre Cloth exhibits excellent chemical stability and resists attack from most corrosive agents. Exceptions are hydrofluoric acids and phosphoric acids and concentrated alkalis. It also resists oxidation and reduction. If wet by water or steam, thermal and physical properties are completely restored upon drying.

Supplied by:

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