

CERAMIC FIBRE CLOTH – 1260⁰ C

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

Ceramic Fibre Cloth is a soft resilient product, available in a number of different thickness and construction to provide a comprehensive HT range.

Ceramic Fibre Cloth is reinforced with glass (650⁰ C) or S S wire (1050⁰) and contains approximately 20% organic carrier fibre to facilitate the carding process. The carrier fibre burns out at a low temperature, but this has no effect on the properties of the ceramic fibre.

Chemical Properties :

Ceramic Fibre Cloth exhibits excellent chemical stability resistance 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. No water of hydration is present.

Availability :

Ceramic Fibre Cloth is available in the following thickness : 2 and 3 mm, width 1000 mm. Other sizes available on request.

Applications :

- Fire resistant curtains
- Protective clothing
- Controlled cooling of castings
- Insulation of gas and steam turbines
- Welding curtains
- Insulation linings
- Wrapping of exhausts
- Radiant Heat shields

Typical Physical Properties :

Average density	: 500 Kg/M ³	
Colour	: White	
Basic Composition	: Alumina – Silica	
Continuous Use Limit	: Reinforced with glass	: 650 ⁰ C
	Reinforced with S S Wire	: 1050 ⁰ C
Melting Point	: 1790 ⁰ C.	