



Technical Data Sheet

Description:

Ceramic Textiles are made from alumina-silica ceramic fiber, free of asbestos. These fiber materials can be used in different industrial applications under temperatures up to 2300 °F (1260 °C) and have excellent chemical stability and strong resistance to thermal shock and corrosion attack. Exceptions are hydrofluoric and phosphoric acids and concentrated alkalis. Ceramic Textiles also resist oxidation and reduction. If wet by water or steam, thermal properties are completely restored upon drying. No water or hydration is present.

Application:

Gaskets, Seals, Furnace and Welding Curtains, Pipe Wrapping

Technical Data:

Physical Properties:

Colour	White
Width (inch)	½, 1, 2, 3, 4, 6
Normal Thickness, (inch)	1/8", 1/16"
Tensile Strength Grip, lb/f	58
Melting Point	3200 °F
Continuous Use up to	2000 °F (wire)
	1200 °F (glass)
Temperature Limit of Insert Material	2000 °F (wire)
	1200 °F (glass)
Chemical Analysis (Normal, % weight based after firing)	
Alumina, Al₂O	47
Silica, SiO₂	53