



# ASBESTOS CENTRE

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## Ceramic Fiber Blanket



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Ceramic Fiber Blanket is a needled blanket made from our ceramic Fiber.  
The blanket is Lightweight, Flexible and available in a wide variety of thicknesses, widths and densities.

Ceramic Blanket resists temperature as high as 2300` F.

This material is lightweight and has very low thermal conductivity, excellent handling strength, low heat storage, thermal shock resistance and corrosion resistance (commonly used acid and alkali).

It also provides excellent sound absorption and excellent fire protection.

#### Chemical and Physical Data :

Chemical Composition : Al<sub>2</sub>O<sub>3</sub>: 47%, SiO<sub>2</sub>: 50%; Total Al<sub>2</sub>O<sub>3</sub> and SiO<sub>2</sub> >97% ; Fe<sub>2</sub>O<sub>3</sub>: < 1.0%

Fiber Physical Properties : Fiber Diameter: 3 - 4.5 microns; Fiber Shrinkage (1800°F, 3h): < 3.5%

Working Temperature : 1,800° F for Continuous Use; 2300° F Maximum

Specific Heat (@2000°F) : 0.27 Btu/lb° F

#### Available Density & Size

Density : 64, 96 & 128 kg/m<sup>3</sup>)

Thickness : 1/4", 1/2", 1", 1-1/2", 2"

Width : 24" and 48"

Packaging : In plastic bags and then in cartons

#### Typical Application

- Insulation for steam and gas turbines, and other high temperature equipment
- Repair, insulation and linings for furnaces, kilns, generators, reformers, boilers, etc.
- High-temperature pipe insulation, casting mold insulation, etc.
- Fire protective insulation or linings
- Insulation for nuclear applications and power plants
- High-temperature seals and gasketing, furnace door seals, expansion joint seals
- High-temperature filtration

It also provides excellent sound absorption and excellent fire protection:

Price	Based On Quantity
Min Quantity	50 Rolls
Supply Ability	1500 Rolls per Month
Payment Terms	100% Against Performa-I nvoice
Place of Origin	Mumbai, India
Brand Name	Challenge
Product Grade No.	CC 153
Certificate	IS 14656 & BS 1902 Cover under ASTM C - 892
Application	Insulation for nuclear applications and power plants, High-temperature seals and Gasketing Furnace door seals, Expansion joint seals, High-temperature filtration
Thickness	6mm to 150mm
Density	64, 96, 128, 160, 190

Width	610mm
Chemical Composition	SiO <sub>2</sub> :48-60%, Al <sub>2</sub> O <sub>3</sub> : 30-48 %, ZrO <sub>2</sub> < 19%
Working Temperature	>1650° C
Fiber Diameter	2-5um
Thermal Conductivity	0.12-0.2w/(m.k)
Sample Availability:	Yes
Delivery Lead Times	Depend upon Quantity
Delivery Terms:	Depend upon Quantity
Main Markets	Saudi-Arabia, USA, Europe, UAE, Sri Lankan, Africa, South America
Currency	\$USD



We are expertise in :

[Ceramic Fiber Woven Cloth](#)	[Ceramic Fiber Woven Tape](#)	[Ceramic Fiber Braided Rope](#)
[Ceramic Fiber Products](#)	[Ceramic Fiber Blanket](#)	[Graphite Lubricated Ceramic Fiber Rope](#)
[Non-Asbestos Ceramic Millboard Sheet](#)		[Ceramic Fiber Cloth with Vermiculite Coating](#)

Address :

## Asbestos Centre

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