



DATA / SPECIFICATION SHEET

CERAMIC

DESCRIPTION

Ceramic fiber is a lightweight insulating product. It has low thermal mass which means that it does not retain heat, low thermal conductivity and is an extremely effective insulation material with a service temperature range of 1260°C.

AVAILABILITY

- Ceramic Cloth
- Ceramic Braided Rope
- Ceramic Square Rope
- Ceramic Fiber Spun Blanket
- Ceramic Tape
- Ceramic Twisted Rope
- Ceramic Fiber Board
- Ceramic Fiber Bulk

APPLICATIONS

- Furnace Linings, Hot Face, Intermediate and back up
- Flexible Pipe Insulation
- Expansion Joints
- Seals
- Fire Protection
- Kiln Linings
- Packing for high temperatures

CERAMIC FIBER TEXTILE TECHNICAL INDEX

ITEM	CLOTH	TAPE	BRAIDED ROPE	TWISTED ROPE	SQUARE ROPE	TUBE ROPE
MAX-TEMP (°C)	1260 °C					
WORKING TEMP (°C)	450 °C FOR GLASS FILAMENT AND 1000 °C FOR INCONEL WIRE					
LOSS ON IGNITION (800 °C)	12±2					
TENSILE STRENGTH	WARP : 76 Kgf/5CM WEFT : 37 Kgf/5CM	1.2 Kgf/MM	1.2 Kgf/MM	1.2 Kgf/MM	1.2 Kgf/MM	1.2 Kgf/MM
TENSILE STRENGTH	2-3	2-3	-	-	-	-
DIAMETER (MM)	-	-	6-50	6-50	5x5x50x50	5-60
COMMON SPECIFICATION (MM)	1x30 (LENGTH)	W10-120MM x L30M	LENGTH 20-200M (ACCORDING DIAMETER)			
DENSITY (Kg/M ³)	500±30					
ORGANISM CONTAIN (%)	<15					

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