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## Graphite Lubricated Ceramic Fiber Rope



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We are one of the top-listed manufacturers, suppliers and exporters of Graphite Lubricated Ceramic Fiber Rope. These products find application in high temperature static sealing duties, slow rotary operations and annealing furnaces at steel plants. Safe to use, these products can also be used in KILN Packing, stem gland sealing on valves and protective surfaces on pottery kiln cars. High quality stable fiber material that has been sourced from the reliable vendors of the market has been used for the making of these ropes. These products are acknowledged in the global market for their soft, non-irritating and non-hazardous nature. With organic agents and processing additives, these products retain their physical & chemical properties at very high temperatures and do not decompose into hazardous substances. Graphite Lubricated Ceramic Fiber Rope is packed in special packaging material so as to ensure its safe and secure transit.

#### Features:

- High durability
- Resistance against thermal conductivity
- Corrosion free
- High utility

Graphite Coated Ceramic Rope is a compression packing for very high temperature duties. It is manufactured from an exceptionally stable fibre material that is soft, non-irritating, non-hazardous & is not limited by World Health Organisation or European Union restrictions.

Ceramic Fiber Rope, Tape, Cloth contains no organic agents or processing additives. It therefore retains its physical and chemical properties at very high temperatures and does not decompose into hazardous substances, as happens with many normal ceramics.

Compression packing of Ceramic Fiber Product Hi-Temp are recommended for very high temperature static sealing duties or slow rotary applications. It replaces ceramic yarn packing and radiation seals on BOS plant, and ceramic packings and vessel lid seals on secondary steelmaking plant.

Other examples include door seals for annealing furnaces at steelworks, KILN Packing, protective surfaces on pottery kiln cars, and stem gland sealing on valves handling very high temperature gases.

Service capabilities - Static and slow rotary duties only

Maximum temperature (constant)	:	+1000°C
Maximum temperature (intermittent)	:	+1100°C
Minimum working temperature	:	-50°C

How supplied: Hi-Temp is available as densely braided compression packing - square, round and rectangular - in sections from 5mm to 200mm, and in any length. Full fitting instructions are included.

#### Technical Details :

Price	Based On Quantity
Min Quantity	50 Kgs.
Supply Ability	18-20 MT. Per Month
Payment Terms	100% Against Performa-I Invoice
Place of Origin	Mumbai, India
Brand Name	Challenge
Product Grade No.	CC 137
Certificate	IS 14656 & BS 1902 Cover under ASTM C - 892
Application	Radiation seals on BOS plant, and ceramic packings and vessel lid seals on secondary steelmaking plant, door Seals for annealing furnaces at steelworks, KILN Packing
Thickness	6mm to 150mm
Section	Round, Square & Rectangular
Grade	AAA
Chemical Composition	Al <sub>2</sub> O <sub>3</sub> >48%
Working Temperature	1260` C
Fiber Diameter	2-5um
Thermal Conductivity	0.12-0.2w/(m.k)
Loss on ignition	<18%
Moisture Content (%)	≤1
Warp Density	48~60 Piece/10cm
Weft Density	21~30 Piece/10cm
Organic Content (%)	≤15
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 :

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

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