



CERAMIC ROUND BRAIDED ROPE

Hard/Dense | Compressible 10%

FEATURES

Ceramic Round braided rope is dense, resilient, high performance ceramic fibre material fabricated from ceramic fibre yarn braided around a core of ceramic fibre rope to form a packing in round section. It is widely used for a broad variety of high temperature gasketing, packing and sealing application.

Round braided rope contains approximately 18% organic fibre which burns out at high temperatures, causing some smoking and out-gassing, but has no effect on the properties of the products.

TECHNICAL INFORMATION

Properties	1260 Range
Max temperature rating	1260°C
Melting point	1760°C
Temperature limit of insert	Glass: 650°C Steel: 1100°C
Ceramic Fibre Composition	
Al ₂ O ₃	46%
SiO ₂	53%
ZrO ₂	0%
Diameter of Ceramic Fibre	3-4 micron
Thermal Conductivity	<0.18 W/ml at 1000°C
Shrinkage (24hrs)	3% at 1150°C
Loss on Ignition	18%
Electrical	Glass: Non-conductive Steel: Conductive
Density	480 - 650 kg/m ³
Colour	White

AVAILABLE SIZES

STANDARD DIAMETER 6 - 50mm diameter

Custom sizes available upon request.



APPLICATIONS

- > Radiant tube packing for heat-treat furnaces
- > Expansion joint packing for furnaces
- > Seals for stoves and ovens
- > Bulb in tadpole gaskets
- > Door seal insulation