



TYPE: High Temperature refractory Fibre Braided and twisted Ropes.

Classification temperature: 1260 °C

DESCRIPTION

Twisted Ropes are made from Ceramic Fibre yarn and reinforced with Fiberglass/SS wire.

Braided ropes are made from ceramic fiber enclosed in a Glass fibre braid or SS wire braid to give excellent handling strength.

The above ropes are light weight, resilient, high temperature resistance and chemical stability.

AVAILABILITY

Standard sizes:

4mm - 60 mm Dia X 25 Mtrs Length

FEATURES

- High temperature stability
- Thermal shock resistance
- Low heat storage
- Low weight
- Good chemical stability

APPLICATIONS

- Inspection door seals
- Gaskets & flange seals
- Expansion joint packing for refractory brick work in furnaces and kilns.
- Pipe wrap or insulation in marine Generators
- Insulation lagging for pipes
- Radiant tube packing in boilers and furnaces
- Asbestos free and ideal replacement for asbestos rope products

MURUGAPPA MORGAN THERMAL CERAMICS LIMITED
PRODUCT INFORMATION
CERAMIC FIBRE ROPES
MAIN PROPERTIES

| Physical Properties | TWISTED ROPE | BRAIDED ROPE |
|--|--------------|--------------|
| Classification temperature ° C | 1260 | 1260 |
| Chemical composition (%) | | |
| Al ₂ O ₃ | 42 – 46 | 42 – 46 |
| SiO ₂ | 54 – 58 | 54 – 58 |
| Loss on ignition (%) | < 25 | < 1.0 |
| Density (Nominal) kg/m ³ | * | 200 |
| Availability and packing – 25 mtrs Length | | |
| Diameter (mm) | | |
| 6 | X | X |
| 8 | X | X |
| 12 | X | X |
| 19 | X | X |
| 25 | X | X |
| 30 | X | X |
| 35 | X | X |
| 40 | X | X |
| 50 | X | X |
| 60 | X | X |

* Density depends on diameter of the Rope.

All above Ropes are subjected to standard tolerances. The values given herein are typical values obtained in accordance with accepted test methods and subject to normal manufacturing variations. They are supplied as a technical service and are subject to change without notice. Therefore, the data contained herein should not be used for specification purposes.