

CERAMIC FIBRE TEXTILES

Murugappa Morgan Thermal Ceramics Ltd., Associate company of Murugappa Group



TYPE: High Temperature refractory fibre Cloth & Tapes.

Classification temperature: 1260 C

- 1) Cloth
- 2) Tape

DESCRIPTION

Cloth / Tape are woven from ceramic fibre yarn reinforced with Fiberglass yarn/SS wire.

Cloth / Tape can be used in wide range of industrial, high temperature sealing and insulation application. Cloths are reinforced with fibre glass yarn can be used up to 850° C and reinforced with SS wire can be used up to 1100° C.

AVAILABILITY

Standard sizes:

Cloth

3mm Thick X 1 Mtr Width X 10 Mtrs length

Tapes

3mm Thick X 50 mm Width X 25 Mtrs length

FEATURES

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

APPLICATIONS

- Furnace doors and radiant tube seals
- Blast furnace stove expansion joint
- Coke oven ascension pipe seal, preventing fume emission on exhaust collection system
- Coke oven door seal preventing gas leakage between refractory and door jamb.
- Piping insulation
- Hot top seal
- Welding curtains
- Insulation between anode buss and box
- Asbestos free and ideal replacement for asbestos cloth products

CERAMIC FIBRE TEXTILES

Murugappa Morgan Thermal Ceramics Ltd., Associate company of Murugappa Group

MAIN PROPERTIES

| Physical Properties | Test Method | CLOTH | TAPE |
|---|-------------|---------|---------|
| 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 | < 25 |
| Weight (kg/m ²) | | 1.0 | 1.0 |
| Availability and packing (Thickness : 2mm – 6mm) | | | |
| Width (mm) | | | |
| 25 | | -- | X |
| 50 | | -- | X |
| 75 | | -- | X |
| 100 | | -- | X |
| 125 | | -- | X |
| 1000 | | X | -- |

Cloth & Tapes of other sizes (width) are available on request

All above products 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.