Fiberfrax® Ropes and Braids

Fiberfrax ropes and braids are durable high temperature industrial packings manufactured from premium ceramic fiber wickings. They have superior insulating properties to 2300°F. Fiberfrax ropes and braids have excellent resistance to thermal shock, corrosive attack* and breakdown due to mechanical vibration and stress. Standard products are low density, easily compressed 3-ply ceramic rope, and higher density round and square braids.

Applications for ceramic ropes and braids include: Furnace door insulation and seal, Expansion joint packings, Skid rail insulation, high temperature gaskets and packings, wood burning stove door seal, tadpole gasket bulb material, etc...

**Fiberfrax Rope (3 Ply)**
- Temperature Grade: 2300°F
- Recommended Operating Temp.: 2300°F
- Melting Point: 3260°F
- Nominal Density: 20 lb/ft³
- Breaking Strength
  - (1/2" size as produced): 110 lb f
  - (1/2" after 24hrs @ 1800°F: 10 lb f
- Available Diameters: 0.25", 0.375", 0.5", 0.75", 0.875", 1", 1.25", 1.5", 2"

**Fiberfrax Round Braid**
- Temperature Grade: 2300°F
- Recommended Operating Temp.: 2300°F
- Melting Point: 3260°F
- Nominal Density: 33 lb/ft³
- Available Diameters: 0.25", 0.375", 0.5", 0.625", 0.75", 0.875", 1", 1.25", 1.5", 2"

**Fiberfrax Square Braid**
- Temperature Grade: 2300°F
- Recommended Operating Temp.: 2300°F
- Melting Point: 3260°F
- Nominal Density: 33 lb/ft³
- Available Diameters: 0.25", 0.375", 0.5", 0.625", 0.75", 0.875", 1", 1.25", 1.5", 2"

The test data shown are average results of tests conducted under standard procedures and are subject to variation. Results should not be used for specification purposes.

*Exceptions include hydrofluoric and phosphoric acids and concentrated alkalies.