

STYLE 2623



Ceramic Fiber Rope

Disclaimer:

The company's products are sold subject to the company's standard terms and conditions of sale products are warranted against defective materials & workmanship. The company makes every effort to ensure all the information, recommendations or the specifications provided by it are accurate and true. However as the company has no control over the conditions of it's use, it does not accept any liability, either directly or indirectly regarding the usage of its product.

Product Overview:

Description: Ceramic fiber ropes are designed for high-temperature sealing and insulation applications. Made from high-purity alumina-silica ceramic fibers, they provide excellent thermal resistance and flexibility, ideal for furnace doors, expansion joints, and high-temperature gaskets.

Technical Specifications:

Specification	Test Result
Material Composition:	Alumina-silica ceramic fibers with optional fiberglass or metal wire reinforcement
Temperature Range:	Up to 1260°C (continuous); up to 1425°C (peak)
Diameter Range:	6mm to 50mm
Density:	Approx. 0.8 - 1.0 g/cm ³
pH Range:	0 - 14

Applications:

Furnace door seals, high-temperature gaskets, expansion joints, and foundry molds.

Key Benefits:

- Excellent heat resistance and thermal insulation properties.
- Available in braided and twisted configurations.
- Reinforced for enhanced durability and longevity.