

CCEWOOL® Ceramic Fiber Rope



Temperature Grade: 1260°C (2300°F)

CCEWOOL® Ceramic Fiber Rope is a series of dense and resilient refractory ceramic fiber materials made from high-quality refractory ceramic fiber cotton as raw material, combined with lightweight yarn and woven through a special process. Depending on different temperature requirements and applications, it may include

reinforced materials like glass filament or heat-resistant alloy steel wire. It is widely used in various high-temperature gasket, packing, and sealing applications, particularly suitable for high-temperature and high-pressure mechanical sealing in pumps and valves. CCEWOOL® Ceramic Fiber Rope boasts excellent chemical stability, with the ability to resist most corrosive agents, as well as oxidation and reduction. Even if it gets wet with water or steam, its thermal and physical properties fully recover after drying.

Characteristics:

Low thermal conductivity

Excellent thermal shock resistance, thermal stability

Excellent tensile strength

Sound insulation

Easy cut and easy stall

Containing no asbestos

Chemical corrosion resistance.

Application:

Furnace doors insulation and seals

Expansion joint filling in furnace and boiler



Coke oven door seals

High temperature gasket and packing

Radiant tube packing heat treatment furnace

Packed between steel bar and tube to avoid leakage of melting liquid

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| CCEWOOL® Ceramic Fiber Rope | | |
|------------------------------------|--------------------------------|------------------------------|
| Classification Temperature (°C) | 1260 (2300°F) | |
| Name | Glass Filament Reinforced Rope | Inconel Wire Reinforced Rope |
| Density (kg/m ³) | 550 | |
| Long-term Operation Temp | 550 | 1050 |
| Water Content | ≤2 | |
| Organic Content (%) | ≤15 | |
| Shrinkage at 982°C (%) | -1 | |
| Size (diameter) (mm) | 6-120 (1/4"-24/5") | |
| Packing of ceramic rope | Braided Bag/ Carton | |

