Thermal Insulation Materials

Ceramic Twisted Insulation Rope Fibreglass Reinforced

Ceramic Twisted Insulation Rope is commonly used for high temperature seals and lagging. The Fibreglass Reinforcement adds mechanical strength during installation but becomes sacrificial once temperatures reach 550ºC. These attributes are especially important in areas where mechanical vibration and temperature can markedly shorten the service life of many materials.

This grade of Ceramic Rope has a high tensile strength at medium temperatures and is chemically stable. It also resists oxidation and reduction if wet by water or steam, physical and thermal properties are completely restored once fully dry. It possesses excellent resistance to thermal shock, corrosive attack, and breakdown due to mechanical stress and vibration.

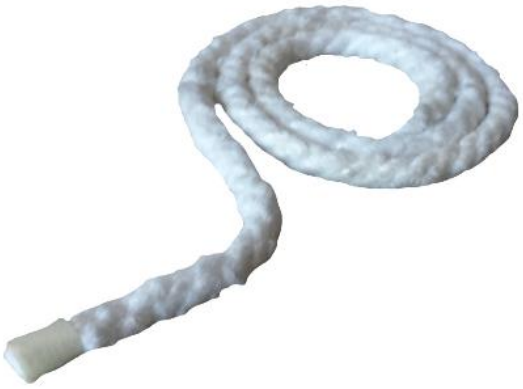
Technical Data:

Colour	White/Cream
Temperature	800ºC Continuous*
Mechanical Strength	Excellent
Ignition Loss	16% ± 2
Resistance to Thermal Shock	Excellent
Resistance to UV and Weathering	Excellent
Chemical Resistance	Good
Resistance to Solvents	Good

*1200ºC in applications where tensile and mechanical are of no concern

Applications:

- Fire protection for pipes and hoses
- Gaskets and duct flange seals
- Cable and wire insulation
- Lagging and pipe wrapping
- Door seals gap filler
- Low static pressure seals
- Multi-layered insulation barriers
- Furnace and boiler insulation



Availability:

Associated Gaskets stock Fibreglass Reinforced Ceramic Rope in 6mm through to 30mm diameters. It is sold by the roll or can be cut to suit your requirements.
AG also keep an extensive range of ceramic paper, wool, blanket, and other rigid & flexible insulation materials.

For more information on these products and many more, please visit our website or call your nearest AG branch.

Visit: www.agaus.com.au

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