

Ceramic Fiber Textile Products

Ceramic Fiber Yarns

Ceramic fiber yarns are non-asbestos products and show good insulation and high temperature resistance characteristics of ceramic fiber which is their main raw material. In order to increase their strength, they are reinforced by glass fiber, stainless steel or high temperature alloy wire. They are produced from 425 to 2500 tex in single, two or three pies and twisted together. This product is the basic raw material of all ceramic fiber textile products.



Ceramic Fiber Twisted Rope

Ceramic fiber twisted rope is produced from ceramic fiber yarn and twisted in different directions to form specified diameters of rope ranging from 3 mm to 100 mm. As similar to other ceramic fiber ropes, the temperature and strength of the product is determined by the reinforcement material (glass filament, stainless steel or alloy wire) inserted.

Ceramic Fiber Rope Lagging

It has a high insulation property due to its filling compound (ceramic fiber blanket, bulk fiber, mineral wool etc.). Also it is a type of rope that is flexible and compressible. Final product density depends on the filling and outside weaving material's densities, thus it provides a wide variety of applications.



Ceramic Fiber Round Braid Rope

Completely braided, dense, resilient and high performance of ceramic fiber round sectioned type of rope ranging from 4 to 100 mm. Product is widely used for sealing, coating and gasket applications.

Ceramic Fiber Square Braid Rope

Completely braided, dense, resilient and high performance of ceramic fiber square/rectangular sectioned type of rope ranging from 4 to 100 mm. Product is widely used for sealing, coating and gasket applications.



Ceramic Fiber Textile Products

Ceramic Fiber Cloth

It is a product manufactured from ceramic fiber yarns and suitable for industrial use. Cloths are reinforced by glass fiber yarns or stainless steel wires depending on the application area.



Ceramic Fiber Tape

It is a product manufactured from ceramic fiber yarns and suitable for industrial use. They have different width and thickness options.

Material	Classification Temperature	Dimensions (mm)	Applications
Round braid rope	800 °C (glass fiber reinforced) 1260 °C (Ni-Cr reinforced) 1430 °C (zirconia content)	Ø 4-100	Gasket
Square braid rope		Ø 4-100	Gasket
Twisted rope		Ø 3-100	Gasket, pipe insulations, ingot molds, etc.
Ceramic rope tubing		Different width and thicknesses	Furnace door gasket, pipe cover insulations, etc.
Ceramic fiber tape		Different width and thicknesses	Hose, wire and industrial duct insulations, etc.
Ceramic rope lagging		Ø 5-100	Boiler, kiln car gasket applications.
Ceramic fiber cloth		Different length, width and thicknesses	High temperature screening and insulation applications.

Please contact us for standard dimensions (length, width, thickness etc.) of the products above. Custom types and dimensions are available as well.