

Textiles

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Product Introduction

Ceramic fiber textiles are made of ceramic fiber as the base material, combined with alloy wire or alkali-free glass fiber to spin into ceramic fiber yarn. The yarn is made into fiber belts, cloth, sleeves and other products through textile technology. Ceramic fiber textile products are widely used in soft seals, fireproof clothing, fire blankets and other products.



Application

Ceramic fiber textiles are widely used in the chemical, electric power, papermaking, food, pharmaceutical and other industries, for high-temperature pipe insulation and sealing, cable insulation coating, coke oven opening sealing, cracking furnace brick wall expansion joint, electric furnace and oven door sealing, boiler, high-temperature gas seal sealing, flexible expansion joint connection.

(I) Ceramic fiber braided rope (circular braiding/square braiding)
Industrial kiln furnace door, flue, brick masonry expansion joint sealing and insulation
Industrial kiln burner, heat exchanger, high-temperature pipe and valve sealing packing

(II) Ceramic fiber yarn twisted rope
Mostly used in the insulation field, insulation wrapping of cables, cable troughs, plates, and bridges
Insulation coating of industrial kiln burners and heat exchangers
Insulation wrapping of high-temperature pipe valves and flanges
Fuel equipment wicks, craft candle wicks

(III) Ceramic fiber wool twisted rope
Due to its loose structure, it is only used as insulation coating for equipment or pipelines

(IV) Ceramic fiber pipe sleeve rope
Fireproof wire, high-temperature cable coating
High-temperature pipe coating, set
High-temperature gasket



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Ceramic Fiber & Bio-solutable Fiber Textiles

Ceramic Fiber & Bio-solutable FiberYarn technical data sheet

Properties	650Ceramic fiber Yarn	1000Ceramic fiber Yarn	1200 Bio-Soluable Fiber Yarn	1200 Bio-Soluable Fiber Yarn
Color	White	White	Green	Green
Classification Temperature°C	1260	1260	1200	1200
Continuous Use Temperature, °C	650	1000	650	1000
Reinforced Material	Glass Fiber	Stainless Steel	Glass Fiber	Stainless Steel
Organic Content(%)	< 18	< 18	< 18	< 18

Ceramic Fiber & Bio-solutable Fiber Round & Square Braided Rope technical data sheet

Properties	650Ceramic fiber Round /Square Braided	1000Ceramic fiber Round /Square Braided	1200 Bio-Soluable Fiber Round /Square Braided	1200 Bio-Soluable Fiber Round /Square Braided
Color	White	White	Green	Green
Classification Temperature°C	1260	1260	1200	1200
Continuous Use Temperature, °C	650	1000	650	1000
Density, kg/m3				
Reinforced Material	Glass Fiber	Stainless Steel	Glass Fiber	Stainless Steel
Organic Content(%)	< 18	< 18	< 18	< 18

Ceramic Fiber & Bio-solutable Fiber Twisted Rope technical data sheet

Properties	650Ceramic fiber Twisted Braided	1000Ceramic fiber Twisted Braided	1200 Bio-Soluable Fiber Twisted Braided	1200 Bio-Soluable Fiber Twisted Braided
Color	White	White	Green	Green
Classification Temperature°C	1260	1260	1200	1200
Continuous Use Temperature, °C	650	1000	650	1000
Reinforced Material	Glass Fiber	Stainless Steel	Glass Fiber	Stainless Steel
Organic Content(%)	< 18	< 18	< 18	< 18

*Special sizes can be designed and manufactured according to customer requirements. For more specifications and detailed technical solutions, please contact our sales engineer. The technical data of the product is the average value measured by the adopted test standard. The value will fluctuate within a certain range. This data does not represent the quality assurance data of the product.

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