

Glass Fiber Textile Products

Description

Glass fibre textile products are materials with high tensile strength and used in the industrial furnaces, boilers, iron-steel, marine, ceramic and glass industries, power and cement plants to ensure sealing in different temperature ranges. Depending on the raw material and production method, they are essentially classified under six different categories. However, for industrial insulation, mostly "C-Glass" and "E-Glass" types are used. "C-Glass" provides resistance up to 450°C. Although "E-Glass" is resistant up to 550°C, this version has a melting point around 850°C. Glass fibre textile products are also offered with special coatings depending on request and application to enhance their temperature resistance.



Glass Fibre Yarns

They are woven yarns used for the manufacture of textile products resistant to high temperature. Selection of yarn is determined depending on the type of the final product (C-Glass or E-Glass), mechanical strength (fibre diameter 6,9 or 11 microns) or weight (400-2500 tex).

Glass Fibre Round Rope

They are dense, completely braided which have high tensile strength and circular cross-section. They are generally produced in diameters between 5-100 mm. Please contact our company for further information.



Glass Fibre Square Rope

They are dense, completely braided ropes with high tensile strength and square/rectangular cross-section. They are generally produced in varying dimensions from 5 to 100 mm by braiding the glass fibre yarns. Roll size changes as 25-50-100m according to the cross-section. Please contact our company for detailed information.

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Glass Fibre Lagging Rope

Due to its filling material (ceramic fibre, glass fibre, mineral wool, etc.), it has high insulating character. It is also a flexible and compressible product. Depending on the filling material and density of outer braid, the density of the final product varies and it makes lagging ropes appropriate for different places of use.



Glass Fibre Tape

They are products made of glass fibre yarns, suitable for industrial use and generally offered in width of 10-200 mm and thickness of 2-5 mm. Standard roll length is 30 meters.

Glass Fibre Knitted Rope

Glass fibre knitted rope is a specially braided (needle method) rope having high tensile strength and performance, offered as filled or unfilled depending on the application. It is generally used for thermal sealing in domestic appliances. It is offered in cross-section between 4-50 mm. Other sizes are produced depending on request and quantity. Please contact our company for detailed information.



Glass Fibre Cloth

They are products for industrial usage which are braided with glass fibre yarns and mostly offered in width of 1 m and thickness of 1-5 mm.

Mostly used for the manufacture of insulating pillow and welding curtain, the glass fibre cloths are a group of materials preferred for their mechanical strength and temperature resistance.