



Silica Fiber

ICP 3000

DESCRIPTION

High temperature textile manufactured from silica fiber yarns which are then processed accordingly to produce a range of textile products suitable for insulation, extreme heat protection or industrial sealing applications.

Our silica fibre products are a minimum of 94% pure silica with the following specifications:



PHYSICAL PARAMETERS

Average fiber diameter	6 μm
Material Density (fibres)	2,65 g/cm ³
Fiber nature	Fireproof
Continuous temperature use	1000 °C
Peak temperature	1600 °C
Loss ignition at 1100 °C	approx. 5%

CHARACTERISTICS

- High insulation properties
- High temperature stability
- Good chemical resistance
- Excellent flexibility
- Low density
- Good dimensional stability
- High mechanical strength
- Fireproof

APPLICATIONS

- Oil refining industry
- Aerospace industry
- Metallurgy and shipbuilding
- Nuclear power engineering
- Heat preservation of the material
- Fire fighting Equipment



FORMATS

FORMAT	DIMENSIONS
ICP 3010 TWISTED ROPE	3 - 50 mm
ICP 3020 KNITTED ROPES Low density	4 - 16 mm
ICP 3030 KNITTED ROPES High density	4- 16 mm
ICP 3050 ROUND BRAIDED ROPE	4 - 110 mm
ICP 3060 SQUARE AND RECTANGULAR BRAIDED ROPE	4 –110 mm
ICP 3070 TAPES AND CLOTHS	Width: 15 - 1000 mm Thickness: 2 - 5 mm
ICP 3080 HOSE PROTECTION	Ø 10 - 110 mm
ICP 3090 SLEEVES	12 -160 mm

* Other sizes under request