



Silica fibre packing



Article description:	S171
Article forms:	Round or square
Preparations:	With or without any additionally preparations
Materials:	Twisted silica staple fibres Contain no organic compounds Consist of > 94% silicon dioxide (SiO ₂)

Mechanical properties:

- High mechanical load capacity
- High dimensional stability
- Good pressure resistance

Thermal properties:

Silica staple fibres

- Max. continuous temperature 1000 °C
- Short-term 1100 - 1200 °C possible

Chemical properties:

- Resistant to organic compounds and hot acids, liquid metals and incandescent slags
- Not resistant to hydrofluoric acid (HF) and concentrated phosphoric acid (H₃PO₄)

Applications:

For static applications as a sealing and insulating material between tunnel kiln cars, sealing of inspection hatches, seals for kilns, boilers, chimney doors, power plant technology as well as for the glass and steel industry. Cable and wire insulation, insulation of fuel lines, thermal insulation of steam pipes in manholes.

Dimensions: 5 - 30 mm edge length quadratic or rectangular (tolerance +/- 10 %)
Ø 5 - 50 mm (tolerance +/- 10 %)