



Sealing and insulating cords
biosoluble fibre products

thoenes[®]



Biosoluble packing

Article description:	S271
Article forms:	Round, rectangular and quadratic
Preparations:	With or without any additionally preparation
Materials:	Silicate fibre (biosoluble) Reinforced with chrome wire or glass fibres (preferably E-glass)

Mechanical properties:

- High dimensional stability and strength
- High abrasion resistance
- Low thermal conductivity

Thermal properties:

- Non-flammable

Biosoluble yarn, chrome wire reinforcement

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

Biosoluble yarn, Glass fibre reinforcement

- Max. continuous temperature 650 °C
- Short-term 800 °C possible

Chemical properties:

- Resistant to oils, fats, solvents and organic acids, weak alkalis
- Not resistant to hydrofluoric acid (HF) and phosphoric acid (H₃PO₄)

Applications:

Door seals in boilers, furnace reformer and other chemical furnaces, kiln car seals, inspection of door seals.

Dimensions: Ø 5 - 60 mm (tolerance +/- 10 %)
5 - 60 mm Edge length quadratic or rectangular (tolerance +/- 10 %)