

62200



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Heating Cable 7-wire lead or coiled

Technical data:

- Cable nominal resistance: from 150 Ohm/km to 30,000 kOhm/km
- Nominal temperature: 150°C
- Allowed load: 20 Watt/m (depending on heat dissipation conditions)
- Testing voltage: 3,000 Volt
- High-resistance heating cables may have different external diameters
- Order no. 62200, d=3mm
- Order no. 62400, d=3.6mm

Design:

- 1 = Heating cable: 7-wire lead or coiled
- 2 = Fibreglass braiding
- 3 = Silicone insulation
- 4 = Cu-tinned braiding

Applications:

- Cool industry
- Machine construction
- Consumer goods industry

Properties of fluoroplastics

PTFE (polytetrafluorethylene) up to max. temp. 260°C. PTFE's main properties are its nonflammability, chemical resistance and thermic stability. One special feature of PTFE is, as a result of its high melting viscosity, that its shape remains stable and does not drip even when it is close to melting.

PFA up to 260°C. PFA's thermic and chemical properties make it comparable with PTFE. However, unlike PTFE, PFA does not remain stable when it is close to its melting point.

FEP (fluorinated ethylene-propylene up to 200°C). Like all fluoro-materials, FEP has excellent chemical properties. At lower temperatures, e.g. room temperature, FEP is similar to PTFE in respect of its electrical properties. Unlike PTFE and PFA, FEP can be used at low temperatures.

Properties of silicone materials

Silicone has excellent electrical properties across a wide temperature range (-50°C to +150°C). The dielectric properties remain constant at high temperatures. Silicone also has good weathering and UV resistance. Silicone is only moderately resistant to oil, and is not especially abrasion-proof.