



## Standard heating hose

### Applications:

Heating or heat-loss free transport of: oil, grease, wax, resin, tar, paint, water, carbon dioxide, plastics, sealants, etc.

Employable pressurised hoses of PTFE from DN 4 to 50 mm; pressure strain depending on nominal width up to 600 bar.

## Specification H 100 / H 700 / H 200 / H 800

**Operating temperature:** max. 100°C / 170°C / 200°C / 250°C

**Hose material:** see page 22

**Fittings:** see page 21

**Heater circuit:** according DIN, moisture protected, with safety braid

**Temperature receptor:** Fe-CuNi, type J

**Thermal insulation:** heat stabilized, compact porous silicone foam -250°C  
elastomere foam -100°C

**External jacket:** polyamide black, page 12

**Power / control cable:** 1.5 metre, 7-pole plug, suitable for controller HT 43, page 24

**End cap:** with tension relief and antikink protection in PA 6 or silicone

**Power supply:** 230 V AC or optional 115 V AC (12 - 500 Volt special voltage)

**Test voltage:** 2000 V

**Power density:** Heater element and ground

**Power density:** Watts / metre see page 15

**Tolerance limits:**

**Filament power:** +5% / -10%

**Outside diameter:** ±10%

**Length:** ±2%

**Temperature:** ±10°C

Temperature control using our control equipment.

Extended possible use according to customer requirements is possible through special equipment.

