H 800 Special 250 °C

Heating hose system for co-extrusion for the plastics industry

Will stand very high temperature and pressure strain.
Series H 800 heating hose systems combined with the series T 3 PTFE pressure hose are particularly suitable as connection hoses between a co-extruder and a tool. Rigid connections and a multiplicity of connection elements are eliminated, which would normally need to be individually heated, insulated and controlled. The flexible connection considerably simplifies tool change and maintenance. The heating system can be easily fitted in your installation..

Operating temperature:	250°C
Rated voltage:	230 V AC/DC (other voltage 12 - 500 V)
Rated power:	for NW 8 140 W/m for NW 10 160 W/m for NW 12 200 W/m for NW 16 260 W/m
Pressure hose:	T3 PTFE, see page 8
Fittings:	Stainless steel, 1.4305; 1.4571; 1.2316; the fitting is tapered and polished, so that no or very little material can be deposited on it. See schedule below
Fittings (optional):	Loose and fixed flange according to DIN and ASA are possible
Thermical insulation:	heat stabilized, compact porous silicone foam up to 250°C elastomere foam up to 100°C
External jacket:	Polyamid black, options page 9
End cap:	PA- hard cap or elastomer cap
Temperature sensor:	Fe-CuNi type J, NiCr-Ni Typ K, PT100 and integral control system (HTI) are possible
Plug connection:	see schedule page 84
Manufacturing length:	from 0.3 m to 40 m
Temperature sensor:	Fe-CuNi type J, NiCr-Ni Typ K, PT100 and integral control system (HTI) are possible
Protection grade:	IP 54 (EN 60529)
Protection class:	I

Tolerance limits:	
Operating temperature:	±10°C

DN	DKS DIN 3863	Pressure load-bearing capability	Interior diameter of the fitting	Bending radius
	heavy-duty universal sealing taper series; cap nuts metric or thread	at 250°C operating temperature		minimum bending radius
8	M 20 x 1,5 / 3/8"	225 bar	6,0 mm	85 mm
10	M 22 x 1,5 / 1/2"	265 bar	7,0 mm	110 mm
12	M 24 x 1,5 / 1/2"	275 bar	10,0 mm	140 mm
16	M 30 x 2 / 3/4"	210 bar	12,5 mm	175 mm

Other fittings and nominal diameters from our fittings table Pages 6 & 7.
Temperature control using our control equipment, as listed in chapter 6 Temperature Controllers.