

Series H 300 C

250 °C

Analytical heating hose with replaceable inner cores and screw fitting

Applications:

Maintaining the temperature of probe lines for engine exhaust gases, CO₂ measurements, industrial waste gases, blast furnace waste gases, air measurements, etc.

The special fittings of 1.4571 steel prevents migration and buckling of the PTFE core at the ends of the analytical heating hose. A cutting ring screw union can be fitted. The external braiding provides tension relief.



Heating Hoses

Operating temperature:	max. 100°C, 200°C, 250°C
Rated voltage:	230 V AC / DC (other voltage 12 - 500 V)
Rated power:	Watts / metre see page 4
Inner core:	PFA- or PTFE – core, see page 15
Fittings:	RSL special fitting, 1.4571 stainless steel, without transition
Heating:	heating conductor, according DIN, moisture protected, with safety braid
Thermal insulation:	heat stabilised, closed pore silicone foam, respectively felt or elastomer foam (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
Connecting cable:	3 m
Plug connection:	see schedule page 84
Manufacturing length:	up to 100 m
Protection grade:	IP 54 (EN 60529)
Protection class:	I

Tolerances:

Operating temperature:	±10°C
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Temperature control using our control equipment, as listed in chapter 6 Temperature Controllers.

Our heating hose H 300 C can also be used in a special version in explosion-endangered areas. All end connection techniques on page 14 are possible.

