Standard heating hose series HM-SHS

for transport of warm and liquid media

Description:

If you need a flexible connection between container, barrel or anything else to a machine, best solution is to use a heated hose.

PTFE-based inner core are fit to use for each liquid medium as oil, fat, wax, silks, tar, glue, water, milk, chocolate etc. for hold temperature on level between this points.

With different braid layer around PTFE-core you can choose between different pressures (see technical data questionnaire hoses).

Construction:

Made in Germany

Technical data — HM Standard heating hose

temperature area	max. 100°C / 200°C / 250°C
pressure hose	PTFE-tube with layer of stainless steel braid see data sheet >pressure hoses<
Aconnection fittings	see data sheet >fitting summary<
heat conduction	depending on the version with PFA, PTFE insulated and protected - even against moisture
temperature sensor	PT 100, Ni-120, NTC or thermal element (J or K)
thermal insulation	heat-stable, closed-pored foam hose out of silicone or felt (temperature-dependant)
protective covering	black polyamide or metal mesh
power supply cable	corresponding to customer requirements
hose ends	hard cap or silicone rubber cap with strain relief
nominal voltage	230 V AC other voltages available on request
test voltage	high voltage test with 2000 V heat conductor – protection conductor

Electrical data

power W/m at 230 V AC (tolerances +5% / -10%)

temperature area	DN	4	6	8	10	12	16	20	25	32	40	50
max. 100°C		70	90	110	130	150	180	240	300	350	400	500
max. 200°C / 250°C		80	110	130	150	180	240	300	350	400	500	600
max. 350°C		--	--	210	240	270	300	380	430	550	600	800

We supply a full range of controllers and temperature regulators:

One hand regulator
HM-RD 1000

Double-regulator
HM-RD 2000

Regulator- and limiter
combination HM-RD 3000

EExi-regulator combination
HM-RD 4011

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