

Quality products

**ISOHEAT®**

## Standard heating hose

### series MiL-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 between different pressures (see technical data pressure hoses).

#### Construction:



## Technical data

## MiL 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 <a href="#">&gt;pressure hoses&lt;</a>
connection fitting	see data sheet <a href="#">&gt;fitting summary&lt;</a>
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 deliver according to our range of heating hoses a wide range of controller and regulators



Electronic temperature regulator series  
MiL-RD1000



Electronic temperature regulator series  
MiL-RD2000



Regulator- and limiter combination  
MiL-RD3000



EExi-regulator combination  
MiL-RD4011

MiL Heating Systems  
Großer Sand 4  
D-76698 Ubstadt-Weiher

Phone + 49 (0) 72 51 - 93247 - 0  
Fax + 49 (0) 72 51 - 93247 - 29

E-Mail: [info@isoheat.de](mailto:info@isoheat.de)  
Internet: [www.isoheat.de](http://www.isoheat.de)