

Heating hoses

K FOR HOTMELT SYSTEMS



Flexible heating hoses transport adhesives or other thermoplastic products from one point to another within defined temperature paths. Proper installation, operation and maintenance ensure function and performance as required.

Transport under high pressure is no problem for heating hoses - all types have pressure resistance as required and thus reliably do their job.

Our hot melt hoses are system compatible with leading manufacturers worldwide. They are designed and manufactured according to our customers' requirements, depending on whether they are to be used indoors or outdoors.

- Versatile area of application
- System compatible with all leading manufacturers
- Individual production

TECHNICAL DATA

Operating temperature	Max. 100 °C / 200 °C / 250 °C, others on request
Nominal voltage	Standard 230 VAC, (12 – 600 VAC possible)
Nominal width	NW 3 – 40, others on request
Pressure hose	PTFE core with protective braiding (see data sheet "Pressure hose") PFA core with protective braiding (up to 100°C) (see data sheet "Pressure hose") Others on request
Connection fittings	Customized
Test voltage	High voltage test up to 2000 VAC
Heating element	Manufactured in accordance with the DIN standard, insulated with PFA or PTFE depending on the version and covered with nickel-plated protective braid, moisture-proof (only up to 250 °C)
Temperature sensor	Pt-100, Pt-1000, Ni-120, NTC (-100K), or thermocouple (type K, type J), others on request
Thermal insulation	Heat resistant aramid thermofleece, silicone foam (depending on version)
Outer protection	Polyamide braiding, corrugated tube (different versions), metal braiding (stainless steel or galvanized), others on request
Power supply line	1,5 m with 7-pin circular plug (standard), compatible with our temperature controlling devices, others on request
Control wires	According to customer request
End Caps	Silicone-, EPDM rubber caps or hard caps with traction relief
Manufactured length	Up to 46m, other lengths on request
Certification	CE-mark, UL- CAN/CSA certification on request
Ordering data	See technical questionnaire
Protection class	IP 54 or IP65 (depending on version)

ELECTRICAL DATA

Heating performance W/m at 230 V AC; Tolerances +5 % / -10 %

Nominal width DN (NW)	4	6	8	10	12	16	20	25	32	40	50
Temperature range max. 100 °C	70	90	110	130	150	180	240	300	350	400	500
Temperature range max. 200 / 250 °C	80	110	130	150	180	240	300	350	400	500	600