# Heating hoses

## K FOR HOTMELT SYSTEMS



Flexible heating hoses from KLETTI 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 KLETTI heating hoses - all types have pressure resistance as required and thus reliably do their job.

KLETTI 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

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FLEXIBLE ELEKTRISCHE BEHEIZUNGEN

## 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")<br>PFA core with protective braiding (up to 100°C) (see data sheet "Pressure hose")<br>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 |

Further information and suitable accessories can be found on our website: www.kletti-gmbh.com.

Do you have any questions or need an offer?
Contact us: sales@kletti-gmbh.com

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