



# Foodstuff Heating hoses



This heating hose from KLETTI is used especially in the food industry. It is used for optimal conveying of fatty or non-fatty foods as well as for conveying other liquid and pasty foods.

Since strict hygiene regulations apply in the food industry and the hose is often exposed to chemicals and other stresses, this hose has a washable silicone outer jacket and washable silicone end caps.

Inside the basic hose is a PTFE core or corrugated stainless steel hose, which ensures optimum transport of the media due to a low coefficient of friction. This internal PTFE core or corrugated stainless steel hose meets the criterion "food safe according to F.D.A.".

All components in contact with the medium meet the following requirements:

- FDA-Guideline 21CFR 177.1550
- EG-Regulation 1935/2004
- EG-Regulation 2023/2006
- EU-Regulation 10/2011 – is suitable for all foodstuff

## TECHNISCHE DATEN

Operating temperature	Max. 100 °C, others on request
Nominal voltage	Standard 230 V, (12 – 600 V 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, out of stainless steel
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	Silicone (washable and abrasion resistant), RAL 1013
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)

## PRODUCT VARIANTS



Heating hose with stainless steel fittings, external thread



Heating hose with Tri-Clamp connection



Heating hose with milk pipe fitting

Further information and suitable accessories can be found on our website: [www.kletti-gmbh.com](http://www.kletti-gmbh.com).

Do you have any questions or need an offer?

Contact us: [sales@kletti-gmbh.com](mailto:sales@kletti-gmbh.com)