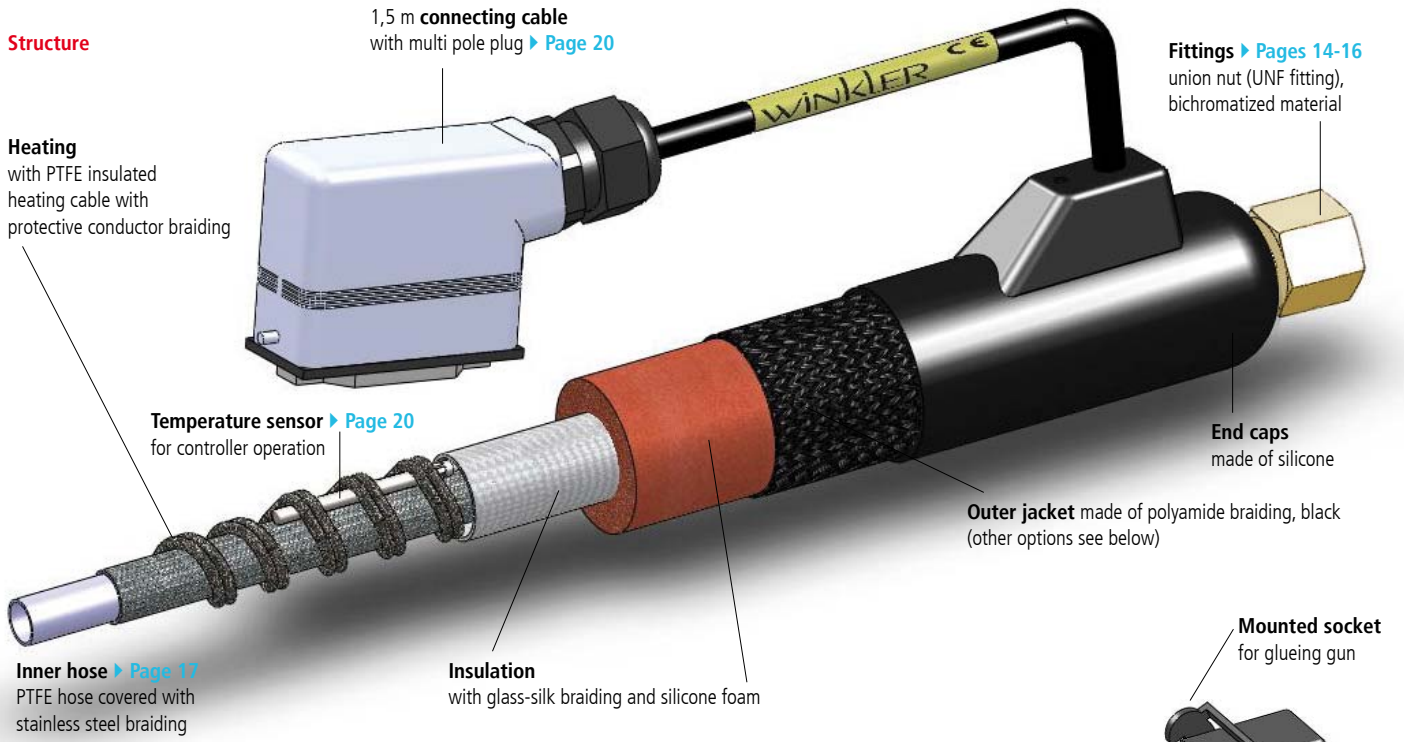


Applications

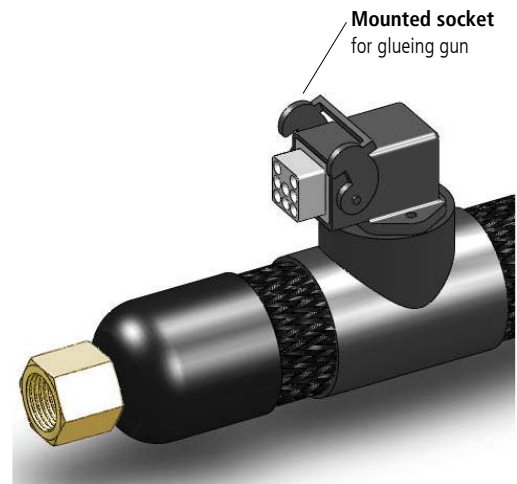
Heated hoses for the temperature maintenance and transport of adhesives. Depending on the type of outer jacket, ideally suited for manual applications and dynamic use, e.g. on robots.

Structure



Features and benefits

- Standard insulation structure approx. 43 mm (up to DN 16) and approx. 63 mm (up to DN 32). Outer jacket options see below
- Large variety of nominal diameters and inner tubes (for instance designed for medium pressure, high pressure and maximum pressure applications)
- Large variety of fittings ▶ Pages 14-16
- Temperature sensors are freely selectable, "ordering codes for heated hoses" ▶ Page 2
- Operation only in combination with controller ▶ Page 21
- High degree of flexibility, suitable for both dynamic movements and manual applications
- Option with control lead and hose end mounted socket (up to DN 16) for activating a glueing head/gun
- Option with integrated compressed-air line for pneumatic control in the glue application area

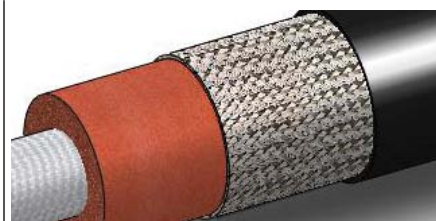


OPTIONS OF PROTECTIVE HOSES FOR THE OUTER COVER OF SERIES WSGG

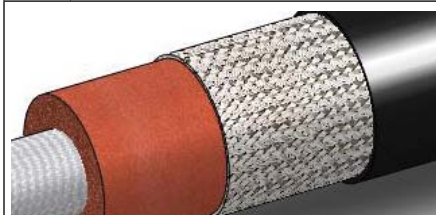
STANDARD



Code G 0	Black polyamide braiding. Use for standard applications. Available up to DN 32
G 1	Red polyamide braiding (up to DN 16)
G 2	Orange polyamide braiding (up to DN 16)
G 3	Blue polyamide braiding (up to DN 16)
G 4	Grey polyamide braiding (up to DN 16)

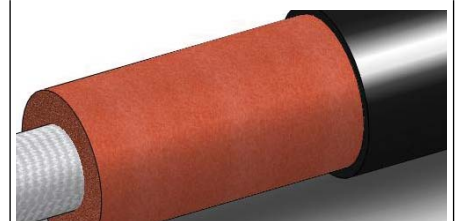


Code G 8	Galvanised steel braiding. Very robust. Use for higher strain. Available up to DN 32
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Code G 9	Stainless steel braiding, best performance. Ideal for a long-lasting perfect look. Available up to DN 32
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OPTIONS FOR SERIES WSGS



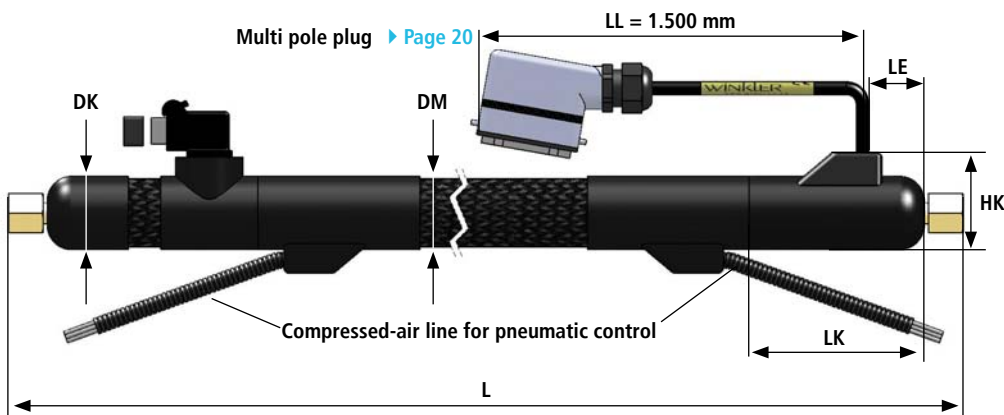
Code S	Red silicon foam. Light and very flexible. Use inside cabinets. Available up to DN 32
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Code S 2	Black silicon skin. Washable. Combines flexibility and durability. Available up to DN 10 and lengths up to 20 m
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TECHNICAL DATA SERIES WSGG + WSGS

More options



- L:** Length of the heated hose
- DK:** Outside diameter of cap
- DM:** Outside diameter of outer cover
- LK:** Length of cap
- LE:** Recess of cable outlet
- LL:** Length of connecting cable
- HK:** Height of cap with cable outlet

Dimensions and bend radii (Tolerances of length $\pm 2\%$, tolerances of diameter $\pm 5\%$)

DN	4	6	8	10	13 (12*)	16 (15*)	20	25	32
DK	48 mm						68 mm	73 mm	80 mm
DM	42 mm						62 mm	67 mm	74 mm
LK	110 mm						100 mm		
LE	25 mm						25 mm		
HK	64 mm						82 mm	87 mm	92 mm
Min. bend radius**	160 mm			250 mm			450 mm	500 mm	600 mm

*Heated hose with inner tube type 7, corrugated stainless steel hose [Page 19](#)

** The minimum bend radius depends on the inner hose. (Data applicable to a medium pressure hose)

Maximum operating temperatures and power (Tolerances of power $\pm 10\%$, ambient temperatures -20°C up to $+40^\circ\text{C}$)

T_{\max}	DN	4	6	8	10	13	16	20	25	32
100 °C	Leistung	85 W/m	110 W/m		180 W/m		240 W/m		400 W/m	
200 °C	Leistung	85 W/m	110 W/m		180 W/m		240 W/m		400 W/m	
250 °C	Leistung	85 W/m	110 W/m		180 W/m		240 W/m		400 W/m	

Other power upon enquiry

Maximum lengths for operating voltages of 230 VAC and 115 VAC with one heating circuit (Tolerance of lengths $\pm 2\%$)

T_{\max}	DN	4	6	8	10	13	16	20	25	32
100 °C	230 V	65 m	49 m		30 m		22 m		13 m	
	115 V	30 m	24 m		15 m		11 m		6 m	
200 °C	230 V	65 m	49 m		30 m		22 m		13 m	
	115 V	30 m	24 m		15 m		11 m		6 m	
250 °C	230 V	65 m	49 m		30 m		22 m		13 m	
	115 V	30 m	24 m		15 m		11 m		6 m	

Other voltages upon enquiry