



## Heated hoses

A wide range of flexible, robust and long-lasting hoses. Available in a wide variety of internal diameters, lengths and with different electrical connections that meet all market standards. Can be used with the most aggressive types of adhesives.

- The internal PTFE tube with steel mesh reinforcement has a low adherence and is resistant to high temperatures and pressures.
- The energy efficiency of these hoses is achieved with the use of NOMEX (\*) insulation elements.
- It has a high degree of temperature homogeneity throughout its length, with no hot spots or degradation of the adhesive.
- Load losses and the twisting of connection points is minimised thanks to a flat internal surface.
- A wide range of accessories is available: hydraulic connectors, mini-filters, thermal insulation elements for connections, electrical connection extension cords and fixing supports.
- These hoses can be used in different applications, both in integral Meler installations as well as with spare parts from other brands.

(\*) NOMEX is a registered trademark of DuPont.

## TECHNICAL CHARACTERISTICS

	STANDARD VERSIONS		WATERWASH VERSION	REINFORCED MESH VERSION	EXTERNAL Ø30 VERSION
Diameters available	8, 13, 16 or 20 mm internal	8 mm	8 mm		
Lengths available (ask for)	From 0.6 to 14 m	From 0.6 to 8 m	From 0.6 to 7.2 m	From 4.2 a 6.0 m	From 1.2 to 7.2 m
Max. working temperature	Up to 230 °C				
Temperature sensors	RTD Pt100 or Ni120, (thermocouple J, ask for)	NTC (R)	RTD Pt100 or Ni120		
Max. working pressure	120 (Ø8) / 100 (Ø13) / 70 (Ø16) / 65 (Ø20) bar at 200°C				
Min. bending radius	200 (Ø8) / 300 (Ø13) / 350 (Ø16) / 400 (Ø20) mm				
Hydraulic connection	Female nut JIC 9/16' (Ø8), 3/4' (Ø13), 1 1/16' (Ø16), M30x1.5 (Ø20)	Female nut M16x1.5	Female nut JIC 9/16'		
Electrical power supply	200 o 230V AC (control from melting unit)	230V AC (control from melting unit)			

### STANDARD VERSIONS



Pt100



Ni120



NTC (R)

### WATERWASH VERSION



### REINFORCED MESH VERSION



### EXTERNAL Ø30 VERSION



For more information speak with your Focke Meler representative:

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