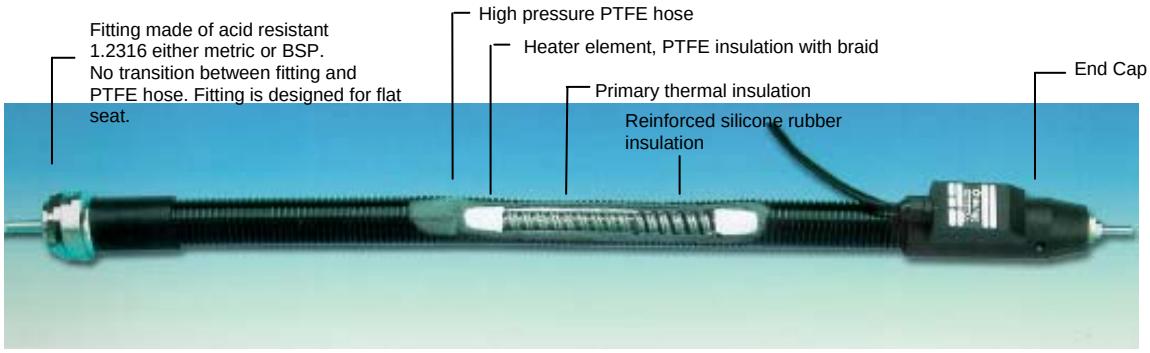
HEATED LINES
Co-Extrusion

Heated Lines of our Series **JH800** in conjunction with our smooth new developed high pressure PTFE - core of the Series T3 are the ideal solution for the link between the **Co-Extruder** and the **tool**. This flexible connection makes the change of the tool much faster and very simple. The heated hose can be easily built-in in your existing system and replace rigid, inflexible connection.



Power Supply: 230VAC or 115VAC

for ID 8 mm	140W/m	for ID 16 mm	260W/m
for ID 10 mm	160W/m	for ID 20 mm	330W/m
for ID 12 mm	200W/m	for ID 25 mm	380W/m

Length available: from 0.3m ... 40m

The Heated Lines are designed for operating temperature up to **250°C**. The maximum operating pressure and the minimum bending radius will be displayed in figure 1. The lower the operating temperature the higher will be the operating pressure. For temperature control a temperature sensor is installed either Type K or J. The hose must be controlled to maintain the desired operating temperature. On both ends of the Heated Lines will be an end fitting as selected by the user. Many different fittings are available. Our standard fitting is made of **stainless steel.**

Teflon Tube ID	Fitting metric or BSP Type BDN-KS	Diameter	max. Operating pressure	Bending Radius
Inside diameter	Female swivel, flat seat	outside	at 250°C	minimum
8mm/0,314“	M16 x 1,5 or BSP 3/8“	40mm / 1,5“	285 bar	85mm/3,34“
10mm/0,393“	M18 x 1,5 or BSP 1/2“	45mm / 1,77“	285 bar	110mm/4,33“
12mm/0,472“	M22 x 1,5 or BSP 1/2“	45mm / 1,77“	270 bar	140mm/5,51“
16mm/0,630“	M26 x 1,5 or BSP 3/4“	50mm / 1,97“	216 bar	175mm/6,89“
20mm/0,787“	M30 x 2 or BSP 1“	50mm / 1,97“	165 bar	205mm/8,07“
25mm/0,984“	M36 x 2 or BSP 1 1/4“	55mm / 2,16“	135 bar	240mm/9,44“

The standard fittings are made of SS 1.2316 (H13) but stainless steel V2A (SS304) or V4A (SS316) are available.
Important: The fitting will reduce the inside diameter at the fitting.
Hose diameter ID 8mm = Fitting ID 6mm, Hose diameter ID 10mm= Fitting ID 8,00mm
Hose diameter ID 12mm = Fitting ID 10mm, Hose diameter ID 16mm= Fitting ID 12,5mm
Hose diameter ID 20mm = Fitting ID 16mm, Hose diameter ID 25mm= Fitting ID 20,1mm

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