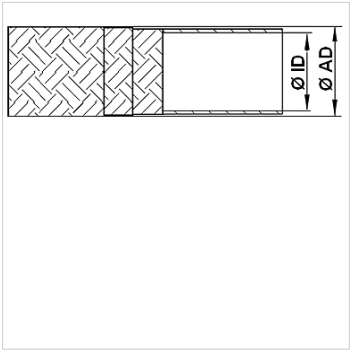
TF 100 S

PTFE hose, smooth, 1 braiding, heavy

Properties

Application	Medium pressure applications with hydraulic fluids and aggressive media
Application	Mainly for the chemical and food industries
Design	Smooth inliner in white PTFE thick-walled flexible
Properties	The smooth inner liner prevents residue buildup in the hose
Hose material	PTFE (polytetrafluoroethylene)
Braiding	1 braiding with 1.4301
Temp. min.	-70 °C
Temp. max.	260 °C





Note

The pressure values listed apply to hoses only.
The tubular fabric has a safety factor (SF) 3 against bursting
From 20 °C the pressure reduction factor is to be taken into account.
(Max. operating pressure = operating pressure x factor).
Temp.: 20 °C / 50 °C / 70 °C / 120 °C / 170 °C / 220 °C
Factor: 1,00 / 0,90 / 0,85 / 0,65 / 0,40 / 0,18

Ordering information

Other designs available on request

Item

Identification	Internal Ø min. (mm)	Internal Ø max. (mm)	External Ø (mm)	Wall thickness (mm)	Min. bending radius (mm)	OP at 20°C (stat.) (bar)
TF 104 S	4,8	5,2	8,7	1,00	50	333,0
TF 106 S	6,0	6,6	10,2	1,00	60	306,0
TF 108 S	7,7	8,3	11,7	1,00	100	266,0
TF 110 S	9,7	10,3	14,2	1,30	120	233,0
TF 113 S	12,6	13,4	17,2	1,30	135	200,0
TF 116 S	15,6	16,4	20,2	1,50	165	166,0
TF 120 S	19,2	20,0	23,8	1,50	190	133,0

Despite careful checking, we cannot guarantee the accuracy of all information included on this site, and we accept no liability.