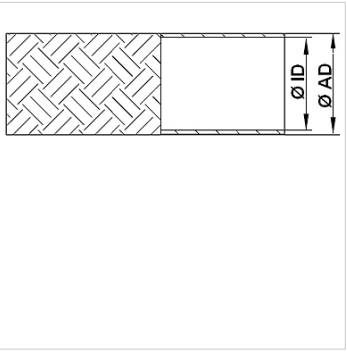
ATS 100
PTFE smooth hose

Properties

Application	Medium pressure applications with hydraulic fluids and aggressive media
Application	Mainly for the chemical and food industries
Design	Smooth inliner made from multilayer, black PTFE antistatic design
Properties	The smooth inner liner prevents residue buildup in the hose Suitable for use with foodstuffs
Hose material	PTFE (polytetrafluoroethylene)
Braiding	1 braiding with 1.4301 / 1.4306
Temp. min.	-70 °C
Temp. max.	260 °C
Temp.	applies for the hose only
Approval	the base material has been granted FDA approval.





Note

The pressure values listed apply to hoses only.
The tubular fabric has a safety factor (SF) 3 against bursting
From 120 °C the pressure reduction factor is to be taken into account.
(Max. operating pressure = operating pressure x factor).
Temp.: 120 °C / 140 °C / 160 °C / 180 °C / 200 °C / 220 °C
Factor: 1,00 / 0,80 / 0,60 / 0,40 / 0,20 / 0,00

Ordering information

Other designs available on request

Item

Identification	Internal Ø min. (mm)	Internal Ø max. (mm)	External Ø min. (mm)	External Ø max. (mm)	Wall thickness (mm)	Min. bending radius (mm)	OP at 20°C (stat.) (bar)	Weight per m (kg)
ATS 106	6,5	7,0	8,8	9,9	0,76	76	224,0	0,092
ATS 108	8,2	8,7	10,5	11,6	0,64	102	207,0	0,141
ATS 110	9,9	10,6	12,8	14,1	0,89	133	183,0	0,148
ATS 113	13,1	13,4	15,5	17,2	0,89	152	161,0	0,249
ATS 116	16,1	17,1	19,0	20,6	0,89	178	114,0	0,290
ATS 120	19,3	20,3	22,2	23,8	0,89	203	103,0	0,339
ATS 125	25,6	26,6	28,5	30,1	0,89	305	80,0	0,461

Product versions

TF 100	PTFE hose, smooth, 1 braiding, Smooth inliner in white PTFE
TF 200	PTFE hose, smooth, 2 braidings, Smooth inliner in white PTFE

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