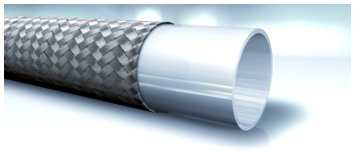
TF 100
PTFE hose, smooth, 1 braiding

HANSA-FLEX

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
Properties	The smooth inner liner prevents residue buildup in the hose Suitable for use with foodstuffs
Braiding	1 braiding with 1.4301 / 1.4306
Inner layer	PTFE
Outer layer	none
Colour	metallic
Temp. min.	-70 °C
Temp. max.	260 °C
Temp.	applies for the hose only
Material	PTFE (polytetrafluoroethylene)
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
Not recommended for high dynamic pressure loads.
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

Identificati	DN*	Inches	Size	Internal Ø min. (mm)	Internal Ø max. (mm)	External Ø min. (mm)	External Ø max. (mm)	Min. bending radius (mm)	Operating pressure (bar)	Test pressure (bar)	Burst pressure (bar)	Weight per m (kg)	Production length (m)
TF 104	5	3/16"	3	5,0	5,4	7,5	8,6	64	264,0	396	793	0,090	20 to 80
TF 106	6	1/4"	4	6,5	7,0	8,8	9,9	76	224,0	336	672	0,092	20 to 80
TF 108	8	5/16"	5	8,2	8,7	10,5	11,6	102	207,0	311	621	0,141	20 to 80
TF 110	10	3/8"	6	9,9	10,6	12,8	14,1	133	183,0	275	552	0,148	20 to 80
TF 113	12	1/2"	8	13,1	13,4	15,9	17,2	152	161,0	242	483	0,249	20 to 80
TF 116	16	5/8"	10	16,0	17,1	19,0	20,6	178	114,0	171	345	0,290	10 to 20
TF 120	19	3/4"	12	19,3	20,3	22,2	23,8	203	103,0	155	310	0,339	10 to 20
TF 125	25	1"	16	25,8	26,6	28,5	30,1	305	80,0	120	241	0,461	10 to 20

DN = Nominal diameter, nominal width

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