

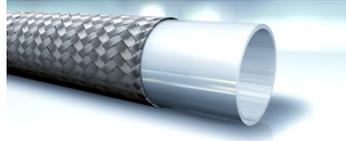
# TF 100

PTFE hose, smooth, 1 braiding

**HANSA FLEX**

## Properties

<b>Application</b>	Medium pressure applications with hydraulic fluids and aggressive media
<b>Application</b>	Mainly for the chemical and food industries
<b>Design</b>	Smooth inliner in white PTFE
<b>Properties</b>	The smooth inner liner prevents residue buildup in the hose Suitable for use with foodstuffs
<b>Braiding</b>	1 braiding with 1.4301 / 1.4306
<b>Inner layer</b>	PTFE
<b>Outer layer</b>	none
<b>Colour</b>	metallic
<b>Temp. min.</b>	-70 °C
<b>Temp. max.</b>	260 °C
<b>Temp.</b>	applies for the hose only
<b>Material</b>	PTFE (polytetrafluoroethylene)
<b>Approval</b>	the base material has been granted FDA approval.



## Note

The pressure values listed apply to hoses only.<br>

The tubular fabric has a safety factor (SF) 3 against bursting.<br>

Not recommended for high dynamic pressure loads.<br>

From 120 °C the pressure reduction factor is to be taken into account.<br>

(Max. operating pressure = operating pressure x factor).<br>

Temp.: 120 °C / 140 °C / 160 °C / 180 °C / 200 °C / 220 °C<br>

Factor: 1,00 / 0,80 / 0,60 / 0,40 / 0,20 / 0,00

## Ordering information

Other designs available on request

## Item

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