

# TF 200

PTFE hose, smooth, 2 braidings

## 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>	2 braidings 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 206	6	1/4"	4	6,3	7,1	9,9	11,1	76	247,0	371	741	0,179	20 to 80	
TF 208	8	5/16"	5	8,0	8,8	12,0	13,2	102	230,0	345	690	0,241	20 to 80	
TF 210	10	3/8"	6	9,6	10,4	14,0	15,2	133	207,0	345	621	0,311	20 to 80	
TF 213	12	1/2"	8	12,8	13,6	17,2	19,9	152	183,0	275	552	0,411	20 to 80	
TF 216	16	5/8"	10	16,1	17,1	20,3	21,7	178	138,0	207	414	0,470	10 to 20	
TF 220	19	3/4"	12	19,2	20,4	23,5	25,2	203	126,0	189	379	0,551	10 to 20	
TF 225	25	1"	16	25,5	26,7	29,9	31,6	305	103,0	155	310	0,732	10 to 20	

DN = Nominal diameter, nominal width