

**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>	helically wound multilayer white PTFE corrugated hose with a fibreglass anti-slip intermediate layer
<b>Properties</b>	Well suited for vibrations and frequent movement due to fibreglass insert
<b>Hose material</b>	PTFE (polytetrafluoroethylene)
<b>Braiding</b>	1 braiding with 1.4301 / 1.4306
<b>Temp. min.</b>	-50 °C
<b>Temp. max.</b>	205 °C
<b>Temp.</b>	applies for the hose only



**Note**

The pressure values listed apply to hoses only.<br>  
 The tubular fabric has a safety factor (SF) 4 against bursting<br>  
 From 170 °C the pressure reduction factor is to be taken into account.<br>  
 (Max. operating pressure = operating pressure x factor).<br>  
 Temp.: 170 °C / 180 °C / 205 °C<br>  
 Factor: 0,85 / 0,75 / 0,50

**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)	Min. bending radius (mm)	OP at 20°C (stat.) (bar)	Weight per m (kg)
<b>TFW 010</b>	9,7	10,3	15,2	15,8	50	125,0	0,250
<b>TFW 013</b>	12,9	13,5	18,4	19,0	65	105,0	0,315
<b>TFW 016</b>	15,7	16,3	21,7	22,3	80	100,0	0,410
<b>TFW 020</b>	19,2	19,8	26,6	27,2	100	90,0	0,540
<b>TFW 025</b>	25,0	26,0	32,4	33,4	125	80,0	0,720
<b>TFW 032</b>	31,5	32,5	38,9	39,9	150	64,0	0,820
<b>TFW 040</b>	38,0	39,0	45,4	46,4	200	53,0	1,050
<b>TFW 050</b>	50,4	51,6	57,8	59,0	250	35,0	1,270
<b>TFW 065</b>	63,5	65,5	74,0	76,0	320	25,0	1,960
<b>TFW 080</b>	75,5	77,5	87,0	89,0	380	20,0	2,400

**Product versions**

TFS