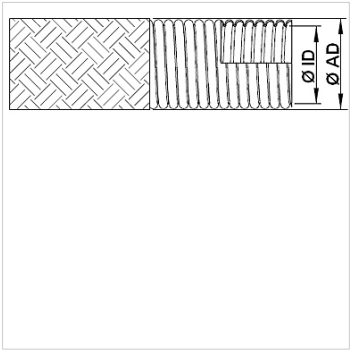
TFW
PTFE hose

Properties

Application	Medium pressure applications with hydraulic fluids and aggressive media
Application	Mainly for the chemical and food industries
Design	helically wound multilayer white PTFE corrugated hose with a fibreglass anti-slip intermediate layer
Properties	Well suited for vibrations and frequent movement due to fibreglass insert
Hose material	PTFE (polytetrafluoroethylene)
Braiding	1 braiding with 1.4301 / 1.4306
Temp. min.	-50 °C
Temp. max.	205 °C
Temp.	applies for the hose only





Note

The pressure values listed apply to hoses only.
The tubular fabric has a safety factor (SF) 4 against bursting
From 170 °C the pressure reduction factor is to be taken into account.
(Max. operating pressure = operating pressure x factor).
Temp.: 170 °C / 180 °C / 205 °C
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)
TFW 010	9,7	10,3	15,2	15,8	50	125,0	0,250
TFW 013	12,9	13,5	18,4	19,0	65	105,0	0,315
TFW 016	15,7	16,3	21,7	22,3	80	100,0	0,410
TFW 020	19,2	19,8	26,6	27,2	100	90,0	0,540
TFW 025	25,0	26,0	32,4	33,4	125	80,0	0,720
TFW 032	31,5	32,5	38,9	39,9	150	64,0	0,820
TFW 040	38,0	39,0	45,4	46,4	200	53,0	1,050
TFW 050	50,4	51,6	57,8	59,0	250	35,0	1,270
TFW 065	63,5	65,5	74,0	76,0	320	25,0	1,960
TFW 080	75,5	77,5	87,0	89,0	380	20,0	2,400

Product versions

TFS

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