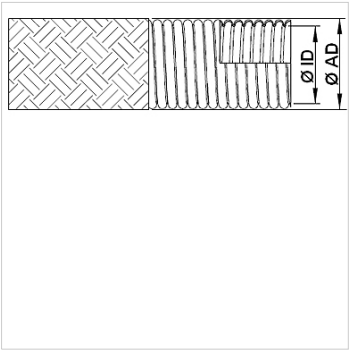
TFS
PTFE hose

HANSA-FLEX

Properties

Application	Medium pressure applications with hydraulic fluids and aggressive media
Application	Mainly for the chemical and food industries
Design	helically wound multilayer black PTFE corrugated hose with a fibreglass anti-slip intermediate layer electrically conductive
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)
TFS 010	9,7	10,3	15,2	15,8	50	125,0	0,260
TFS 013	12,9	13,5	18,4	19,0	65	105,0	0,330
TFS 016	15,7	16,3	21,7	22,3	80	100,0	0,430
TFS 020	19,2	19,8	26,6	27,2	100	90,0	0,565
TFS 025	25,0	26,0	32,4	33,4	125	80,0	0,750
TFS 032	31,5	32,5	38,9	39,9	150	64,0	0,855
TFS 040	38,0	39,0	45,4	46,4	200	53,0	1,100
TFS 050	50,4	51,6	57,8	59,0	250	35,0	1,340
TFS 065	63,5	65,5	74,0	76,0	320	25,0	2,310
TFS 080	75,5	77,5	87,0	89,0	380	20,0	2,800

Product versions

TFW

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