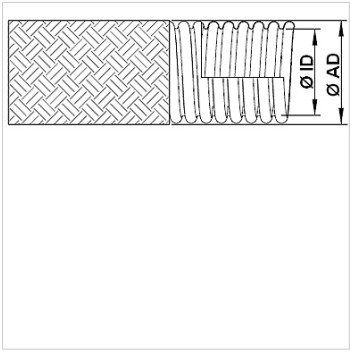
ATWE
PTFE corrugated hose

HANSA-FLEX

Properties

Application	Medium pressure applications with hydraulic fluids and aggressive media
Application	Mainly for the chemical and food industries
Design	coil-corrugated PTFE inliner in white PTFE
Properties	Due to the wide curl good self-cleaning properties Suitable for use with foodstuffs
Hose material	PTFE (polytetrafluoroethylene)
Braiding	1 braiding with 1.4301 / 1.4306
Temp. min.	-70 °C
Temp. max.	260 °C
Temp.	applies for the hose only
Approval	the base material has been granted FDA approval.





Note

The pressure values listed apply to hoses only.
The tubular fabric has a safety factor (SF) 3 against bursting
From 120 °C the pressure reduction factor is to be taken into account.
(Max. operating pressure = operating pressure x factor).
Temp.: 120 °C / 140 °C / 160 °C / 180 °C / 200 °C / 220 °C
Factor: 1,00 / 0,80 / 0,60 / 0,40 / 0,20 / 0,00

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)	Wall thickness (mm)	Min. bending radius (mm)	OP at 20°C (stat.) (bar)	Weight per m (kg)
ATWE 006	6,1	6,7	9,3	9,9	0,75	18	172,0	0,140
ATWE 008	7,9	8,5	12,3	12,9	0,60	20	138,0	0,160
ATWE 010	9,5	10,2	12,8	14,5	0,65	20	138,0	0,152
ATWE 013	12,5	13,1	17,8	19,2	0,80	25	103,0	0,253
ATWE 016	15,7	16,4	21,8	24,0	0,80	51	83,0	0,304
ATWE 020	19,0	19,7	24,0	27,0	1,00	64	69,0	0,374
ATWE 025	25,5	26,2	32,2	36,1	1,00	89	46,0	0,543
ATWE 032	32,0	32,5	40,2	41,3	1,00	125	34,0	0,635
ATWE 040	38,0	38,9	47,8	49,0	1,00	152	30,0	0,840
ATWE 050	50,9	51,9	60,5	62,3	1,10	200	23,0	1,000

Product versions

ATSE	PTFE corrugated hose, coil-corrugated PTFE inliner in black PTFE

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