



Air/Fumes

A-KLIP PTFE

Properties

- excellent chemical, heat and cold resistance
- excellent weather resistance
- highly flexible
- compression ratio of 6:1
- outer hose wall of robust material
- hose wall with non stick surface
- optimum flow characteristics
- steel helix protects against external abrasion
- high tensile strength between hose wall and external helix
- suitable for non-combustible dusts and gases of low conductivity acc. to TRGS 727 (zone 1, 21). Helix ends must be earthed at both sides and helix pitch must be < 30 mm to ensure static dissipation (see register no. 28.12)
- RoHS compliant

Applications

- extraction of corrosive media
- chemical factories
- paint mist extraction
- paint, wood and paper industries
- solvent fume extraction
- pharmaceutical industry
- low pressure applications

Construction

- PTFE coated glass fibre fabric wall with external galvanised steel helix



Code - A8C17....

Base Material - HT TEXTILES / PTFE

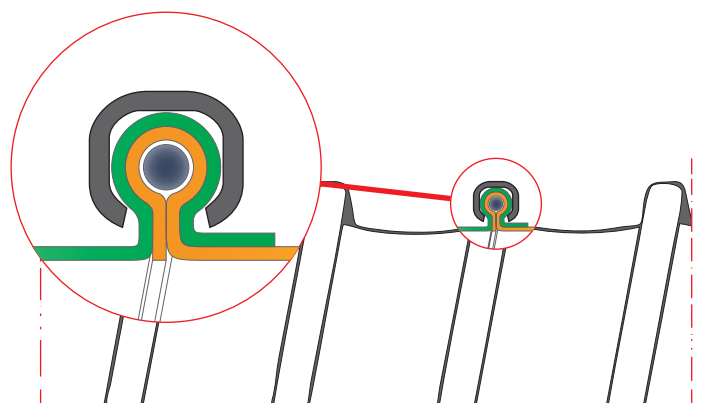
Operating Temperature - -150 ÷ +250 °C

Pressure - 0,009 ÷ 0,90 bar

Vacuum - 0,010 ÷ 3,60 mth2O

Diameter Range - 40 ÷ 900 mm and over

Key feature - Excellent chemical resistance,
Spiral hose





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Standard production

- diameter 40÷900
- colour: light brown
- production lengths: 3 m and 6 m

Available on request

- special diameter up to 2000 mm
- special lengths up to ca. 15 m
- two layer-construction with raised vacuum resistance (ca. 30 % more than the single layer standard hose type)
- custom design with other pitches and/or helix sizes
- external helix also in stainless steel (1.4512 or 1.4301) or aluminium

inner Ø	working pressure	vacuum	bending radius	weight
mm	bar	mtH ₂ O	mm	kg/m
40	0,900	3,600	24	0,40
45	0,870	3,400	27	0,40
50	0,850	3,200	30	0,40
55	0,780	2,650	33	0,40
60	0,680	2,220	36	0,50
65	0,590	1,900	39	0,50
70	0,530	1,600	42	0,50
75	0,470	1,400	45	0,60
80	0,430	1,250	48	0,60
90	0,355	1,000	54	0,60
100	0,300	0,800	60	0,60
110	0,258	0,660	66	0,60
120	0,224	0,560	72	0,70
125	0,210	0,500	75	0,70
130	0,197	0,470	78	0,70
140	0,175	0,410	84	0,80
150	0,157	0,360	90	0,80
160	0,140	0,310	96	0,90
170	0,128	0,280	102	0,90
175	0,123	0,260	105	1,00
180	0,117	0,245	108	1,00
200	0,099	0,200	120	1,10
215	0,088	0,175	151	1,20
225	0,082	0,160	158	1,30
250	0,069	0,130	175	1,40
275	0,059	0,105	193	1,70
300	0,052	0,090	210	1,90
315	0,048	0,080	221	2,00
325	0,046	0,075	228	2,10
350	0,040	0,065	245	2,30
375	0,036	0,055	263	2,70
400	0,033	0,050	280	2,90
450	0,027	0,040	360	3,50
500	0,023	0,032	400	3,90
550	0,020	0,026	440	4,40
600	0,017	0,022	480	4,90
700	0,014	0,016	560	5,80
800	0,011	0,013	640	6,70
900	0,009	0,010	720	7,60

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