



Air/Fumes

A-KLIP PE

Properties

- eco-friendly material, a viable alternative to PVC
- better temperature resistance than PVC
- good resistance to mechanical damage
- very robust & highly flexible
- compression ratio of 6:1
- free from plasticisers and halogens
- 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

- low pressure suction equipment
- removal of asbestos fibres
- air conditioning & ventilation
- extraction equipment
- transportation and extraction of air

Construction

- PE coated polyethylene fabric wall with external galvanised steel helix



Code - A8C02....

Base Material - PE

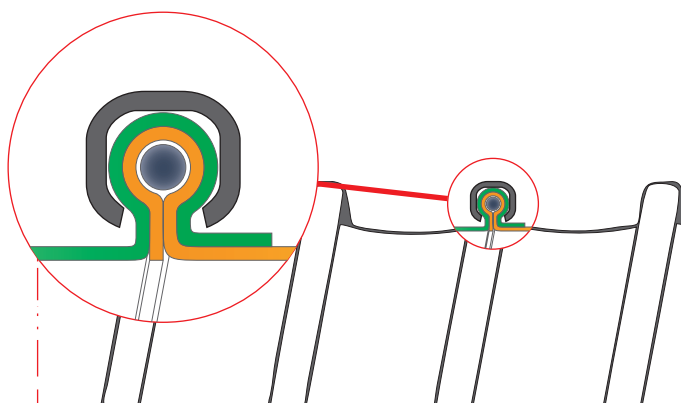
Operating Temperature - $-40 \div +85\text{ }^{\circ}\text{C}$

Pressure - $0,016 \div 0,93\text{ bar}$

Vacuum - $0,012 \div 4,7\text{ mH}_2\text{O}$

Diameter Range - $40 \div 900\text{ mm}$ and over

Key feature - Suitable for asbestos, Spiral Hose





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Standard production

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

Available on request

- special diameter up to 2000 mm
- special colours
- special lengths up to ca. 15 m
- 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	0,930	4,700	24	0,40
45	0,920	4,400	27	0,40
50	0,900	4,000	30	0,40
55	0,850	3,300	33	0,40
60	0,780	2,780	36	0,50
65	0,680	2,370	39	0,50
70	0,670	2,040	42	0,50
75	0,620	1,780	45	0,50
80	0,610	1,560	48	0,60
90	0,560	1,230	54	0,60
100	0,510	1,000	60	0,60
110	0,480	0,830	66	0,60
120	0,360	0,700	72	0,60
125	0,330	0,640	75	0,70
130	0,280	0,590	78	0,70
140	0,250	0,510	84	0,70
150	0,220	0,440	90	0,80
160	0,210	0,390	96	0,80
170	0,190	0,350	102	0,80
175	0,185	0,330	105	0,90
180	0,172	0,310	108	0,90
200	0,148	0,250	120	1,00
215	0,128	0,220	151	1,10
225	0,115	0,200	158	1,10
250	0,100	0,160	175	1,30
275	0,080	0,130	193	1,40
300	0,070	0,110	210	1,50
315	0,062	0,100	221	1,60
325	0,059	0,095	228	1,70
350	0,056	0,080	245	1,90
375	0,050	0,070	263	2,20
400	0,047	0,063	280	2,40
450	0,045	0,050	360	2,70
500	0,043	0,040	400	3,10
550	0,042	0,033	440	3,50
600	0,039	0,028	480	3,90
700	0,031	0,020	560	4,50
800	0,022	0,016	640	5,20
900	0,016	0,012	720	6,00

ATAG reserves the right to make changes without notice, by virtue of any quality improvements and/or product specifications • ott_17_rdb