



Air/Fumes

A-KLIP VINYL

Properties

- robust and low cost
- highly flexible
- compression ratio of 6:1
- steel helix protects against external abrasion
- high tensile strength between hose wall and external helix
- suitable for non-combustible dusts and low conductivity gases 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)

Applications

- air-conditioning & ventilation
- exhaust extraction equipment
- suction and movement of air
- low pressure applications

Construction

- PVC film wall with external galvanised steel helix



Code - A8C01....

Base Material - PVC

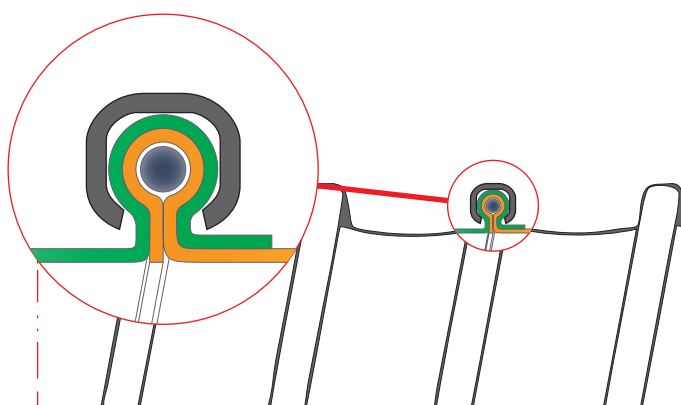
Operating Temperature - $-20 \div +70$ °C

Pressure - $0,010 \div 0,63$ bar

Vacuum - $0,012 \div 1,5$ mH₂O

Diameter Range - $40 \div 900$ mm and over

Key feature - Spiral hose, Flame Retardant





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Standard production

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

Available on request

- colour: blue
- special diameter up to 2000 mm
- 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	0,630	1,500	24	0,40
45	0,620	1,450	27	0,40
50	0,600	1,350	30	0,40
55	0,580	1,300	33	0,40
60	0,550	1,260	36	0,50
65	0,500	1,125	39	0,50
70	0,400	1,100	42	0,50
75	0,350	1,000	45	0,50
80	0,300	0,900	48	0,50
90	0,260	0,800	54	0,60
100	0,230	0,675	60	0,60
110	0,200	0,575	66	0,60
120	0,180	0,525	72	0,70
125	0,170	0,500	75	0,70
130	0,150	0,475	78	0,80
140	0,140	0,450	84	0,80
150	0,140	0,440	90	0,90
160	0,130	0,390	96	0,90
170	0,120	0,350	102	0,90
175	0,110	0,330	105	1,00
180	0,110	0,310	108	1,00
200	0,100	0,250	120	1,10
215	0,090	0,220	151	1,10
225	0,080	0,200	158	1,20
250	0,080	0,160	175	1,40
275	0,070	0,130	193	1,70
300	0,060	0,110	210	1,90
315	0,060	0,100	221	1,90
325	0,050	0,095	228	2,00
350	0,050	0,080	245	2,20
375	0,040	0,070	263	2,60
400	0,030	0,063	280	2,80
450	0,030	0,050	360	3,30
500	0,030	0,040	400	3,80
550	0,020	0,033	440	4,30
600	0,020	0,028	480	4,90
700	0,020	0,020	560	5,60
800	0,020	0,016	640	6,20
900	0,010	0,012	720	7,00

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