



Air/Fumes



Antistatic
Conductive
Atex

A-KLIP VINYL AS

Properties

- surface resistivity $R_o < 10^6$ Ohm
- robust outer hose wall
- good resistance to mechanical damage
- vibration resistant
- compression ratio of 6:1
- small bend radius
- steel helix protects against external abrasion
- high tensile strength between hose wall and external helix
- suitable for combustible dusts and gases acc. to TRGS 727 (zone 0, 20).
Helix ends must be earthed at both sides to ensure static dissipation (see register no. 28.12)
- RoHS compliant

Applications

- explosive environments where electrical conductivity acc. to ATEX is required
- extraction of corrosive media, explosive gases and vapours
- suction and processing plants
- low pressure applications
- ventilation and extraction in explosive environments

Construction

- PVC coated polyester fabric wall with electrically conductive $R_o < 10^6$ Ohm with external galvanised steel helix



Code - A8C01.... EL

Base Material - POLYESTER / PVC

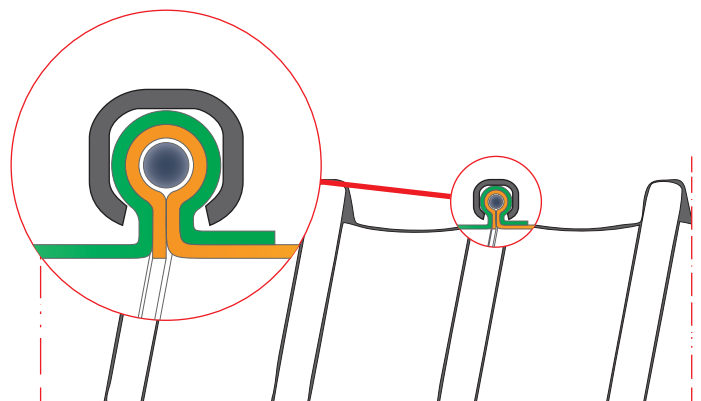
Operating Temperature - $-20 \div +70$ °C

Pressure - $0,016 \div 0,90$ bar

Vacuum - $0,012 \div 3,2$ mH₂O

Diameter Range - $50 \div 900$ mm and over

Key feature - Spiral Hose, Anti-static





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Atex**A-KLIP VINYL AS****Standard production**

- diameter 50÷900
- colour: black
- production lengths: 3 m and 6 m

Available on request

- 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	mH ₂ O	mm	kg/m
50	0,900	3,200	30	0,55
55	0,850	2,650	33	0,60
60	0,780	2,220	36	0,64
65	0,680	1,900	39	0,69
70	0,670	1,600	42	0,74
75	0,620	1,400	45	0,79
80	0,610	1,250	48	0,84
90	0,560	1,100	54	0,94
100	0,510	1,000	60	1,12
110	0,480	0,830	66	1,23
120	0,360	0,700	72	1,33
125	0,330	0,640	75	1,39
130	0,280	0,590	78	1,44
140	0,250	0,510	84	1,54
150	0,220	0,440	90	2,95
160	0,210	0,390	96	3,14
170	0,190	0,350	102	3,33
175	0,185	0,330	105	3,43
180	0,172	0,310	108	3,52
200	0,148	0,250	120	3,90
215	0,128	0,220	151	4,18
225	0,115	0,200	158	4,37
250	0,100	0,160	175	4,84
275	0,080	0,130	193	5,31
300	0,070	0,110	210	5,78
315	0,062	0,100	221	6,10
325	0,059	0,095	228	6,25
350	0,056	0,080	245	6,72
375	0,050	0,070	263	7,19
400	0,047	0,063	280	7,66
450	0,045	0,050	360	8,60
500	0,043	0,040	400	9,55
550	0,042	0,033	440	10,49
600	0,039	0,028	480	11,43
700	0,031	0,020	560	13,31
800	0,022	0,016	640	15,20
900	0,016	0,012	720	17,10

ATAG reserves the right to make changes without notice, by virtue of any quality improvements and/or product specifications • ott_17 rdb