



Air/Fumes

A-KLIP SILICONE

Properties

- high temperature resistance
- flame retardant
- highly flexible
- compression ratio of 6:1
- vibration resistant
- steel helix protects against external abrasion
- good chemical, UV and ozone resistance
- 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

- conveyance of hot and cold air
- extraction equipment
- vehicle & engine construction
- aircraft & defence industries
- general engineering
- low pressure applications

Construction

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



Code - A8C06....

Base Material - GLASS-FIBRE / SILICONE

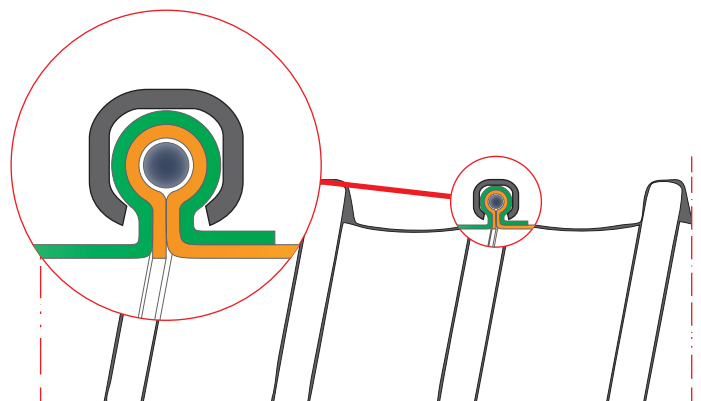
Operating Temperature - $-60 \div +300\text{ }^{\circ}\text{C}$

Pressure - $0,009 \div 0,88\text{ bar}$

Vacuum - $0,010 \div 3,76\text{ mH}_2\text{O}$

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

Key feature - Hardly flammable, Spiral Hose





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Standard production

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

Available on request

- special lengths
- special diameter up to 2000 mm
- 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	0,880	3,760	24	0,40
45	0,870	3,520	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	0,70
120	0,224	0,560	72	0,70
125	0,210	0,500	75	0,80
130	0,197	0,470	78	0,80
140	0,175	0,410	84	0,80
150	0,157	0,360	90	0,90
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	1,20
215	0,088	0,175	151	1,30
225	0,082	0,160	158	1,40
250	0,069	0,130	175	1,60
275	0,059	0,105	193	1,90
300	0,052	0,090	210	2,10
315	0,048	0,080	221	2,10
325	0,046	0,075	228	2,20
350	0,040	0,065	245	2,50
375	0,036	0,055	263	2,90
400	0,033	0,050	280	3,10
450	0,027	0,040	360	3,60
500	0,023	0,032	400	4,10
550	0,020	0,026	440	4,60
600	0,017	0,022	480	5,10
700	0,014	0,016	560	6,00
800	0,011	0,013	640	6,90
900	0,009	0,010	720	7,80

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