



Air/Fumes

A-KLIP ISO SILICONE

Properties

- very high temperature resistance
- flame retardant
- very flexible
- compression ratio of 4:1
- good vacuum resistance
- 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 shall be < 30 mm to ensure static dissipation (see register no. 28.12)
- RoHS compliant

Applications

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

Construction

- inner ply of heat resistant impregnated glass fibre fabric
- outer ply of silicone coated glass fibre fabric with external galvanised steel helix



Code - A8C07....

Base Material - GLASS FIBRE / SILICONE

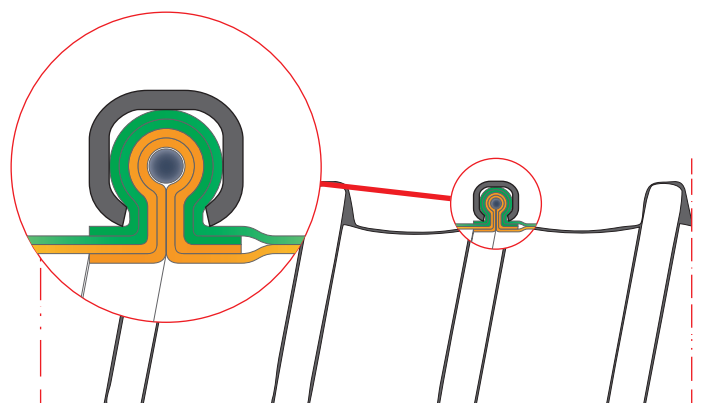
Operating Temperature - $-60 \div +300$ °C

Pressure - $0,009 \div 0,85$ bar

Vacuum - $0,014 \div 3,84$ mH₂O

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

Key feature - Double textiles, Spiral Hose





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Standard production

- diameter 50÷900
- colour: silver grey
- 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	mtH ₂ O	mm	kg/m
50	0,850	3,840	30	0,50
55	0,780	3,180	33	0,50
60	0,680	2,670	36	0,60
65	0,590	2,280	39	0,60
70	0,530	1,920	42	0,60
75	0,470	1,680	45	0,70
80	0,430	1,500	48	0,70
90	0,355	1,200	54	0,70
100	0,300	0,960	60	0,70
110	0,258	0,800	66	0,80
120	0,224	0,680	72	0,80
125	0,210	0,600	75	0,90
130	0,197	0,570	78	0,90
140	0,175	0,500	84	0,90
150	0,157	0,440	90	1,00
160	0,140	0,380	96	1,00
170	0,128	0,340	102	1,00
175	0,123	0,320	105	1,10
180	0,117	0,300	108	1,10
200	0,099	0,240	120	1,30
215	0,088	0,210	151	1,40
225	0,082	0,200	158	1,60
250	0,069	0,160	175	1,80
275	0,059	0,130	193	2,10
300	0,052	0,110	210	2,30
315	0,048	0,100	221	2,30
325	0,046	0,090	228	2,40
350	0,040	0,080	245	2,80
375	0,036	0,070	263	3,20
400	0,033	0,060	280	3,40
450	0,027	0,050	360	4,00
500	0,023	0,040	400	4,50
550	0,020	0,035	440	5,10
600	0,017	0,030	480	5,60
700	0,014	0,022	560	6,60
800	0,011	0,018	640	7,60
900	0,009	0,014	720	8,60

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