



Air/Fumes

A-KLIP AUTO

Properties

- very good temperature resistance
- flame retardant
- suitable for use as a suction hose
- highly flexible
- compression ratio of 6:1
- vibration & abrasion resistant
- high resistance to mechanical stress
- 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

- vehicle exhaust gas extraction (especially diesel engines)
- chimney flue exhaust
- fume extraction equipment
- hot air conveyance
- defence & aerospace industries
- vehicle & engine construction
- general engineering
- low pressure applications

Construction

- special Kevlar fabric coated with silicone inside part for high temperature with external galvanised steel helix



Code - A8C08....

Base Material - HT TEXTILE

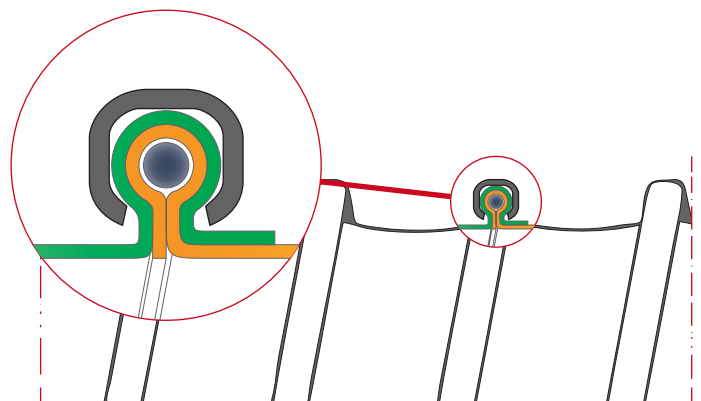
Operating Temperature - $-60 \div +300$ °C

Pressure - $0,016 \div 0,94$ bar

Vacuum - $0,010 \div 3,68$ mth₂O

Diameter Range - $38 \div 900$ mm and over

Key feature - Wear resistant, Spiral Hose





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Standard production

- diameter 38÷900
- colour: inside silver-grey, outside green-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
- double layer construction with raised vacuum resistance (up to 30% more than single layer standard hose type)

inner Ø	working pressure	vacuum	bending radius	weight
mm	bar	mtH ₂ O	mm	kg/m
38	0,940	3,680	23	0,50
40	0,930	3,600	24	0,50
45	0,920	3,400	27	0,50
50	0,900	3,200	30	0,50
55	0,850	2,650	33	0,60
60	0,780	2,220	36	0,60
65	0,680	1,900	39	0,70
70	0,670	1,600	42	0,70
75	0,620	1,400	45	0,80
80	0,610	1,250	48	0,80
90	0,560	1,000	54	0,80
100	0,510	0,800	60	0,90
110	0,480	0,660	66	0,90
120	0,360	0,560	72	1,00
125	0,330	0,500	75	1,00
130	0,280	0,470	78	1,10
140	0,250	0,410	84	1,10
150	0,220	0,360	90	1,20
160	0,210	0,310	96	1,20
170	0,190	0,280	102	1,30
175	0,185	0,260	105	1,40
180	0,172	0,245	126	1,40
200	0,148	0,200	140	1,60
215	0,128	0,175	151	1,70
225	0,115	0,160	158	1,80
250	0,100	0,130	175	2,00
275	0,080	0,105	193	2,10
300	0,070	0,090	210	2,20
315	0,062	0,080	221	2,20
325	0,059	0,075	228	2,30
350	0,056	0,065	245	2,60
375	0,050	0,055	300	2,90
400	0,047	0,050	320	3,10
450	0,045	0,040	360	3,60
500	0,043	0,032	400	4,10
550	0,042	0,026	440	4,60
600	0,039	0,022	480	5,10
700	0,031	0,016	560	6,00
800	0,022	0,013	640	6,90
900	0,016	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