



Air/Fumes

A-KLIP ISO-AUTO

Properties

- specifically designed to be used as an extraction hose
- very good temperature resistance
- flame retardant
- high resistance to mechanical stress
- vibration & abrasion resistant
- very flexible with a compression ratio of 4:1
- good vacuum characteristics
- 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

- diesel engine test equipment using high running speeds
- chimney flue exhaust
- hot air conveyance
- fume extraction equipment
- vehicle & engine construction
- aircraft & defence industries
- general engineering
- low pressure applications

Construction

- two ply construction: inner layer of heat resistant impregnated glass fabric and outer layer of special coated high temperature textile with an external galvanised steel helix



Code - A8C09....

Base Material - HT TEXTILE

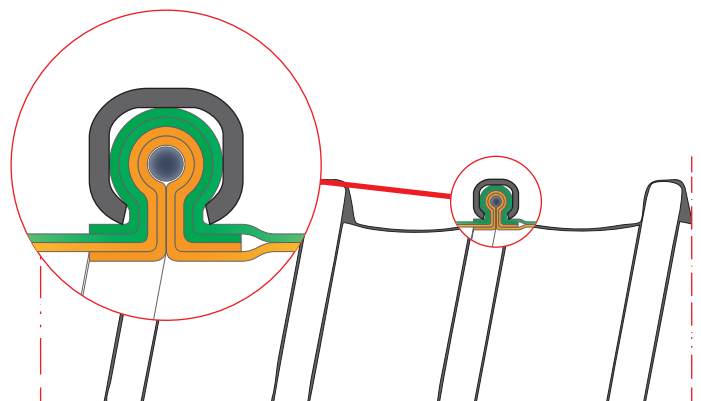
Operating Temperature - $-60 \div +300\text{ }^{\circ}\text{C}$

Pressure - $0,016 \div 0,94\text{ bar}$

Vacuum - $0,020 \div 4,48\text{ mth20}$

Diameter Range - $38 \div 900\text{ mm}$ and over

Key feature - Double textiles, 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

inner Ø	working pressure	vacuum	bending radius	weight
mm	bar	mtH ₂ O	mm	kg/m
38	0,940	4,480	23	0,55
40	0,930	4,380	24	0,55
45	0,920	4,140	27	0,60
50	0,900	3,895	30	0,60
55	0,850	3,340	33	0,70
60	0,780	2,925	36	0,70
65	0,680	2,635	39	0,80
70	0,670	2,280	42	0,90
75	0,620	2,115	45	1,00
80	0,610	1,890	48	1,00
90	0,560	1,645	54	1,20
100	0,510	1,320	60	1,30
110	0,480	1,095	66	1,30
120	0,360	0,930	72	1,40
125	0,330	0,825	75	1,40
130	0,280	0,780	78	1,60
140	0,250	0,690	84	1,60
150	0,220	0,600	90	1,80
160	0,210	0,552	96	1,80
170	0,190	0,465	102	2,00
175	0,185	0,440	105	2,10
180	0,172	0,410	126	2,10
200	0,148	0,330	140	2,40
215	0,128	0,295	151	1,90
225	0,115	0,275	158	2,00
250	0,100	0,225	175	2,20
275	0,080	0,180	193	2,30
300	0,070	0,150	210	2,40
315	0,062	0,140	221	2,40
325	0,059	0,130	228	2,50
350	0,056	0,115	245	2,90
375	0,050	0,100	300	3,20
400	0,047	0,085	320	3,40
450	0,045	0,070	360	4,00
500	0,043	0,055	400	4,50
550	0,042	0,050	440	5,10
600	0,039	0,040	480	5,60
700	0,031	0,030	560	6,60
800	0,022	0,025	640	7,60
900	0,016	0,020	720	8,60

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