



Air/Fumes

A-KLIP HT450

Properties

- primarily suited as suction hose
- very good temperature resistance
- hardly inflammable
- high resistance to mechanical loadings
- vibrationproof
- abrasion resistant
- very flexible
- axial compressible
- small bend radius
- good vacuum characteristics
- silicone free
- external steel helix protects against abrasion
- special clamping method guarantees high tensile strength between hose material and external helix
- acc. to TRGS 727 (zone 1, 21) suitable for non-combustible dusts and gases of low conductivity. Clip ends shall be earthed at both sides and helix pitch shall be < 30 mm to ensure static dissipation (see register no. 28.12)
- RoHS compliant

Applications

- diesel engine test beds with raised extraction speed
- flue gas exhaust
- hot air
- suction plants
- vehicle construction
- engine construction
- aircraft industries
- defence industries
- general engineering
- low pressure applications

Construction

- two layer construction: inner layer heat resistant impregnated glass fabric and outer layer special coated, high temperature fabric, reinforced by woven in stainless steel wire with an external galvanised steel helix



Code - A8C12....

Base Material - HT TEXTILES

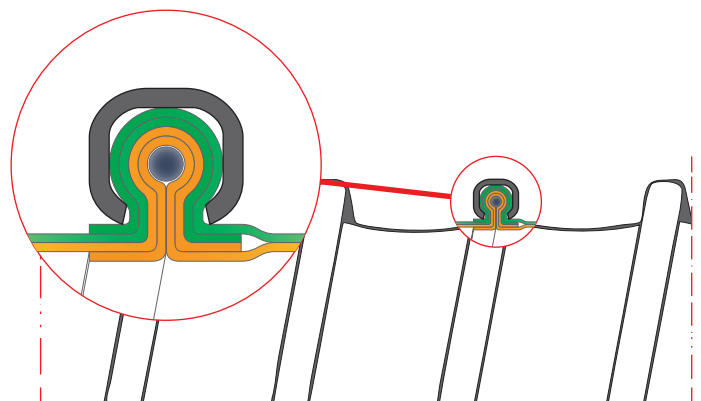
Operating Temperature - -20 ÷ +450 °C

Pressure - n.a.

Vacuum - 0,012 ÷ 3,52 mtH2O

Diameter Range - 50 ÷ 900 mm and over

Key feature - Double textiles, Spiral hose





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Standard production

- diameter 50÷900
- colour: inside silver grey, outside 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	vacuum	bending radius	weight
mm	mtH2O	mm	kg/m
50	3,520	30	0,60
55	2,920	33	0,70
60	2,450	36	0,70
65	2,090	39	0,80
70	1,760	42	0,90
75	1,540	45	1,00
80	1,380	48	1,00
90	1,100	54	1,20
100	0,880	60	1,30
110	0,730	66	1,30
120	0,620	72	1,40
125	0,550	75	1,40
130	0,520	78	1,60
140	0,460	84	1,60
150	0,400	90	1,80
160	0,350	96	1,80
170	0,310	102	2,00
175	0,290	105	2,10
180	0,270	126	2,10
200	0,220	140	2,40
215	0,200	151	1,90
225	0,180	158	2,00
250	0,150	175	2,20
275	0,120	193	2,30
300	0,100	210	2,40
315	0,090	221	2,40
325	0,085	228	2,50
350	0,075	245	2,90
375	0,065	300	3,20
400	0,055	320	3,40
450	0,045	360	4,00
500	0,035	400	4,50
550	0,030	440	5,10
600	0,025	480	5,60
700	0,020	560	6,60
800	0,016	640	7,60
900	0,012	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