



Air/Fumes

A-KLIP HT650

Properties

- very high temperature resistance
- flame retardant
- improved vibration resistance by woven reinforcement
- flexible
- axial compressibility
- partially suitable for continuous flexing
- good vacuum resistance
- silicone free
- 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

- exhaust fume extraction from dynamometers in motor vehicle industries
- chimney flue gas
- vehicle & engine construction
- extraction equipment
- shipbuilding, aircraft & defence industries
- general engineering
- furnace construction
- iron & steel foundries
- infrared drying equipment
- radiant heat protection

Construction

- two ply construction, inner and outer hose wall of specially coated, heat stabilised, high temperature fabric, reinforced by woven stainless steel wire, with an external galvanised steel helix



Code - A8C14....

Base Material - HT TEXTILES

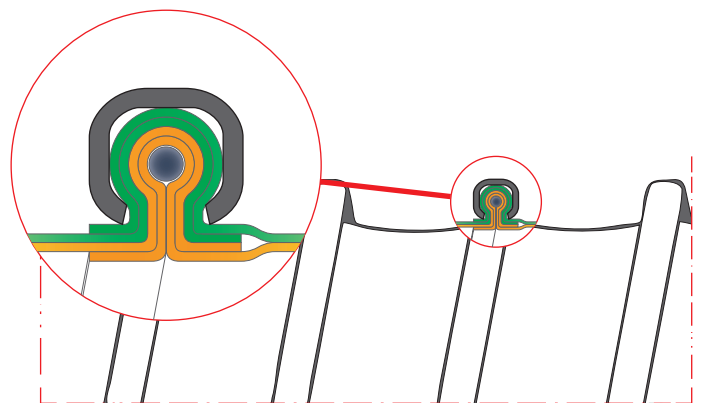
Operating Temperature - -20 ÷ +650 °C

Pressure - n.a.

Vacuum - 0,025 ÷ 3,95 mH₂O

Diameter Range - 50 ÷ 900 mm and over

Key feature - Double textiles, Spiral hose, Flam retardant





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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
- colour red
- special lengths up to ca. 15 m
- custom design with other pitches
- external helix also in stainless steel (1.4512 or 1.4301)

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

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