



Air/Fumes

A-KLIP HT1100

Properties

- very high temperature resistance
- flame resistant
- silicone free
- flexible
- partially suitable for continual flexing
- 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

- for use with extremely high temperatures
- large engine exhaust fume extraction
- shipbuilding industries
- vehicle & engine construction
- hot gas and fume extraction equipment
- aircraft & defence industries
- general engineering
- furnace construction
- iron and steel foundries
- exhaust fume extraction from high performance dynamometers in motor vehicle industry
- aircraft engine fume extraction
- radiant heat protection

Construction

- three ply construction: inner layer of stainless steel wire fabric, middle layer of thermal textile fabric and an outer layer of heat stabilized high temperature fabric, reinforced by woven in stainless steel wire, with an external stainless steel (1.4512) helix.



Code - A8C16....

Base Material - HT TEXTILES

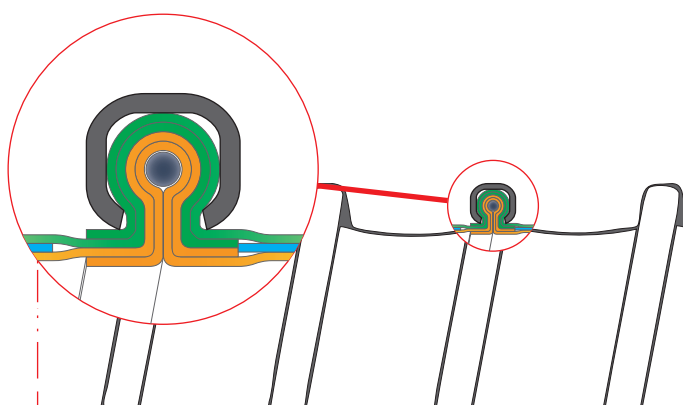
Operating Temperature - -20 ÷ +1100 °C

Pressure - n.a.

Vacuum - 0,030 ÷ 3,06 mH₂O

Diameter Range - 75 ÷ 900 mm and over

**Key feature - Triple textiles, Silicon free,
Spiral hose, Fireproof**





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Standard production

- diameter 75÷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
- external helix made of anti-magnetical stainless steel (1.4301)

inner Ø	vacuum	bending radius	weight
mm	mtH2O	mm	kg/m
75	3,060	45	1,10
80	2,780	48	1,20
90	2,510	54	1,20
100	2,020	60	1,20
110	1,670	66	1,30
120	1,420	72	1,30
125	1,260	75	1,50
130	1,190	78	1,50
140	1,060	84	1,50
150	0,920	90	1,70
160	0,810	96	1,70
170	0,710	102	1,70
175	0,680	105	2,00
180	0,630	126	2,00
200	0,510	140	2,20
215	0,460	151	2,40
225	0,420	158	2,70
250	0,350	175	3,00
275	0,280	193	3,50
300	0,230	210	3,90
315	0,220	221	4,00
325	0,210	228	4,20
350	0,180	245	4,60
375	0,160	300	5,40
400	0,140	320	5,80
450	0,110	360	6,70
500	0,090	400	7,60
550	0,080	440	8,60
600	0,060	480	9,60
700	0,050	560	11,10
800	0,040	640	12,80
900	0,030	720	14,50

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