



Air/Fumes

A-FLEX CAT

Properties

- highly flexible
- lightweight
- small bend radius
- nearly smooth inside
- symmetrically bending
- kink proof
- good chemical resistance
- immovable vulcanized wall and spring steel spiral

Applications

- conveying of air or gaseous media with high gas or environmental temperatures
- vehicle industry
- aircraft industry
- ship building industry
- general engineering and engine construction
- chemical industry
- plastics production
- hot air hose for granuledryers
- incineration plants

Construction

- hose wall: neoprene coated glass fabric
- spiral: spring steel wire
- cord: glass fibre cord



Code - A8T20....

Base Material - GLASS-FIBRE / CR

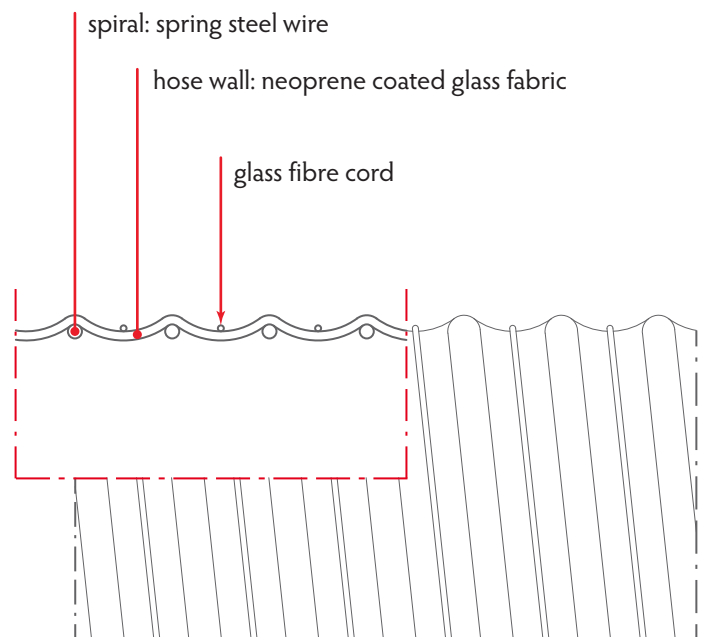
Operating Temperature - $-35 \div +135$ / peaks $+150$ °C

Pressure - $0,20 \div 1,70$ bar

Vacuum - $0,20 \div 5,20$ mtH₂O

Diameter Range - $13 \div 305$ mm

Key Feature - Spiral hose



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Standard production

- diameters: 13 ÷ 305 mm
- colour: black
- production length: 4 m

Available on request

- special diameters
- special lengths
- with spiralfree cuffs
- other fabric qualities

inner Ø	bending radius	working pressure	vacuum	weight
mm	mm	bar	mtH2O	g/m
13	8	1,70	5,20	100
19	8	1,60	5,10	110
25	8	1,60	5,10	120
30	10	1,40	5,00	140
32	10	1,40	5,00	140
38	12	1,30	5,00	170
41	13	1,30	4,80	200
42	14	1,20	4,60	210
44	14	1,20	4,60	210
45	14	1,20	4,60	210
51	16	1,20	4,30	250
55	18	1,10	4,20	270
57	18	1,10	4,10	280
60	20	1,10	4,00	300
63	22	1,10	3,90	320
64	22	1,10	3,90	320
65	22	1,10	3,80	340
70	24	1,10	3,60	360
76	27	1,10	3,40	410
80	28	1,00	3,20	440
83	28	1,00	3,10	460
90	29	1,00	3,00	490
95	32	0,90	2,80	560
102	35	0,90	2,60	650
108	38	0,90	2,40	680
110	38	0,90	2,40	690
114	40	0,90	2,20	710
120	43	0,80	2,00	760
127	46	0,80	1,70	800
130	47	0,80	1,70	820
140	48	0,70	1,50	900
152	51	0,70	1,40	990
160	53	0,60	1,30	1050
165	55	0,60	1,20	1080
173	58	0,60	1,20	1130
180	60	0,60	1,10	1190
203	68	0,50	0,70	1330
229	84	0,40	0,58	1480
254	102	0,40	0,40	1680
305	123	0,20	0,20	2050

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