



Air/Fumes

A-FLEX GLASS FIBER/PU FR

Properties

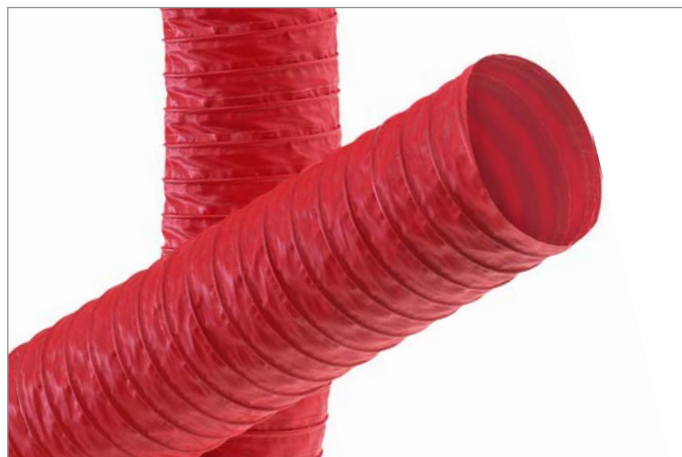
- the utilization of a light glass fibre textile, with a restricted thickness, gives to the hose a great lightness and flexibility without compromising the hose toughness
- excellent values of axial compression (8:1)
- excellent resistance in the presence of high temperatures
- self-extinguishing
- fire-resistance: Class 1 according to italian UNI 9177

Applications

- suction of gases and fumes
- suction in the presence of high temperatures
- air suction and conditioning in marine, civil and industrial places
- particulates suction
- fairlead
- thermal insulation from outer and/or inner environment
- welding fumes suction

Construction

- selfextinguishing glass fibre textile spreaded on both sides with poliuretane and a helix, made of armonic steel, embodied into the textile layers



Code - A8T29....

Base Material - FIBER GLASS / PU

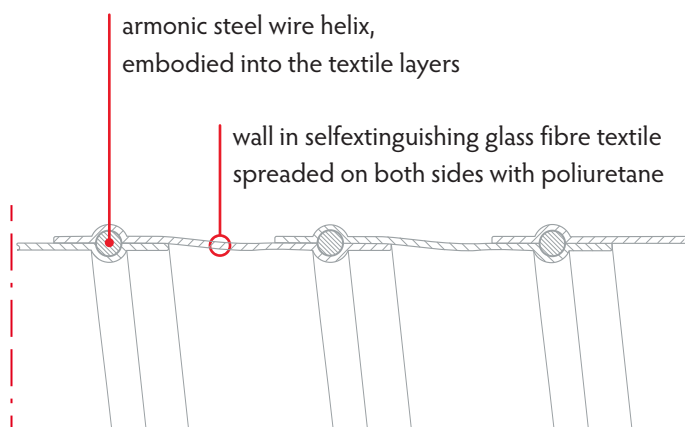
Operating Temperature - $-30 \div +210$ °C

Pressure - $0,01 \div 1,00$ bar

Vacuum - $0,10 \div 2,96$ mtH₂O

Diameter Range - $25 \div 710$ mm

Key Feature - Spiral hose



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Standard production

- diameters: 25 ÷ 710 mm
- colour: red
- production lengths up to Ø 250: 20 m
- production lengths from Ø 275: 10 m

inner Ø	weight	bending radius	working pressure	vacuum
mm	g/m	mm	bar	mth20
25	153	20	1,00	2,96
30	181	20	1,00	2,86
35	209	20	1,00	2,65
40	237	25	0,90	2,45
45	265	30	0,90	2,24
50	295	35	0,80	2,04
55	322	40	0,80	1,84
60	350	42	0,80	1,63
65	380	45	0,75	1,53
70	313	49	0,70	1,43
75	335	53	0,65	1,02
80	357	56	0,60	1,02
85	380	60	0,55	0,92
90	400	63	0,50	0,92
100	445	70	0,50	0,92
110	488	75	0,50	0,92
115	510	75	0,50	0,82
120	530	85	0,50	0,82
125	555	88	0,50	0,82
130	575	92	0,40	0,82
140	620	95	0,30	0,71
150	495	105	0,25	0,61
160	530	110	0,20	0,61
170	560	115	0,20	0,61
175	575	123	0,20	0,61
180	592	130	0,20	0,61
200	675	140	0,20	0,51
215	705	150	0,18	0,51
225	740	155	0,15	0,51
250	820	175	0,10	0,41
275	900	195	0,08	0,41
300	980	210	0,06	0,31
315	1030	220	0,06	0,20
325	1063	225	0,06	0,20
350	1145	245	0,05	0,20
375	1225	265	0,05	0,10
400	1620	280	0,04	0,10
450	1820	315	0,03	0,10
500	2020	350	0,02	0,10
550	2222	385	0,02	0,10
600	2415	420	0,01	0,10
630	2545	450	0,01	0,10
710	3710	500	0,01	0,10

ATAG reserves the right to make changes without notice, by virtue of any quality improvements and/or product specifications - nov_17 rbd