



Air/Fumes

A-FLEX PVC GLASS

Properties

- light glass fibre textile, with a restricted thickness, that gives to the hose a great lightness and flexibility, without compromising the hose toughness
- high axial compression values (8:1)
- good resistance in the presence of high temperatures
- self-extinguishing
- 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

- glass fibre textile spreaded on both sides with self-extinguishing PVC and a helix, made of armonic steel covered with PVC, embodied into the textile layers



Code - A8P19....

Base Material - GLASS-FIBRE / PVC

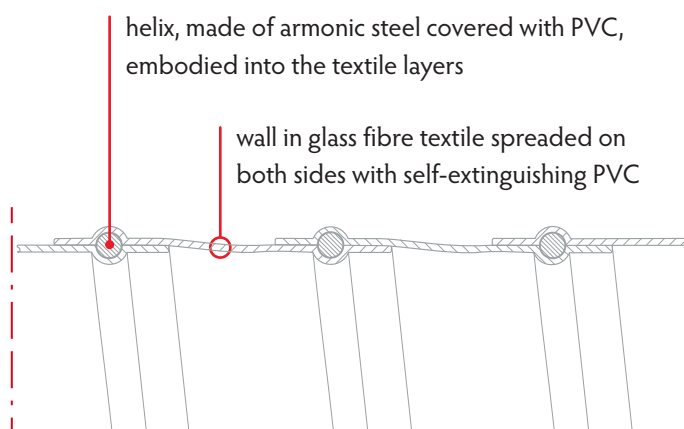
Operating Temperature - $-30 \div +120$ °C

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

Vacuum - $0,10 \div 2,96$ mtH₂O

Diameter Range - $25 \div 710$ mm

Key Feature - Self-extinguishing, Spiral hose



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Standard production

- diameters: 25 ÷ 710 mm
- colour: silver-grey, black
- 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	94	20	1,00	2,96
30	112	20	1,00	2,86
35	129	20	1,00	2,65
40	147	25	0,90	2,45
45	164	30	0,90	2,24
50	182	35	0,80	2,04
55	199	40	0,80	1,84
60	217	42	0,80	1,63
65	234	45	0,75	1,53
70	204	49	0,70	1,43
75	219	53	0,65	1,02
80	233	56	0,60	1,02
85	247	60	0,55	0,92
90	261	63	0,50	0,92
100	290	70	0,50	0,92
110	318	75	0,50	0,92
115	332	75	0,50	0,82
120	346	85	0,50	0,82
125	360	88	0,50	0,82
130	375	92	0,40	0,82
140	403	95	0,30	0,71
150	393	105	0,25	0,61
160	419	110	0,20	0,61
170	445	115	0,20	0,61
175	458	123	0,20	0,61
180	471	130	0,20	0,61
200	522	140	0,20	0,51
215	561	150	0,18	0,51
225	587	155	0,15	0,51
250	652	175	0,10	0,41
275	716	195	0,08	0,41
300	781	210	0,06	0,31
315	820	220	0,06	0,20
325	846	225	0,06	0,20
350	910	245	0,05	0,20
375	975	265	0,05	0,10
400	1068	280	0,04	0,10
450	1201	315	0,03	0,10
500	1334	350	0,02	0,10
550	1466	385	0,02	0,10
600	1599	420	0,01	0,10
630	1679	450	0,01	0,10
710	2249	500	0,01	0,10

ATAG reserves the right to make changes without notice, by virtue of any quality improvements and/or product specifications - ott_17 rbd