



Air/Fumes

A-FLEX PVC/PES BLACK

Properties

- the utilization of a light polyester textile, with a restricted thickness, gives to the hose great lightness and flexibility without compromising the hose toughness
- excellent values of axial compression (8:1)
- suitable to an utilization in motion
- good mechanical resistance
- self-extinguishing
- fire-resistance: Class 1 according to italian UNI 9177

Applications

- suction of gases and fumes
- dynamic utilization, even on mechanical arms
- protection for moving devices
- particulates suction
- fairlead
- suction of welding fumes

Construction

- light polyester textile spreaded on both sides with self-extinguishing PVC and an armonic steel wire helix coated with phosphates embodied into the textile layers



Code - A8P24....

Base Material - POLYESTER / PVC

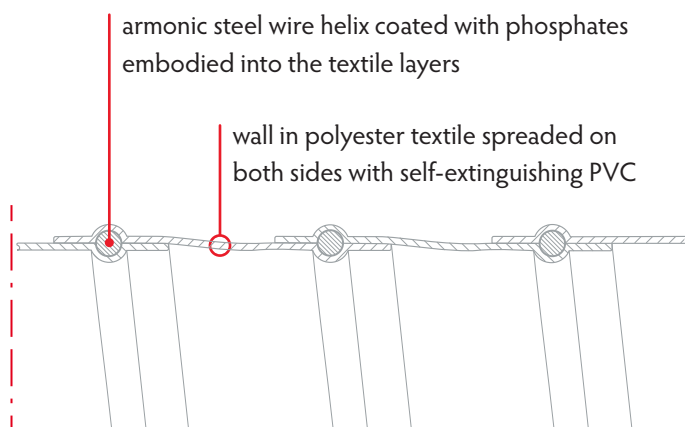
Operating Temperature - $-40 \div +120$ °C

Pressure - $0,01 \div 0,40$ bar

Vacuum - $0,10 \div 1,94$ mtH₂O

Diameter Range - $25 \div 710$ mm

Key Feature - Self-extinguishing, Spiral hose



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Standard production

- diameters: 25 ÷ 710 mm
- colour: 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	110	18	0,40	1,94
30	130	21	0,40	1,94
35	155	25	0,38	1,84
40	175	28	0,38	1,84
45	195	30	0,36	1,63
50	155	35	0,36	1,63
55	170	40	0,34	1,43
60	185	42	0,33	1,43
65	200	45	0,32	1,33
70	220	49	0,30	1,22
75	235	53	0,30	1,02
80	250	56	0,25	1,02
85	265	60	0,25	0,92
90	280	63	0,25	0,92
100	310	70	0,20	0,82
110	345	75	0,18	0,82
115	360	80	0,18	0,82
120	375	85	0,16	0,71
125	390	88	0,15	0,61
130	405	92	0,10	0,61
140	435	95	0,09	0,61
150	395	105	0,08	0,51
160	420	110	0,07	0,51
170	445	115	0,06	0,51
175	460	120	0,06	0,41
180	470	130	0,06	0,41
200	525	135	0,05	0,31
215	565	145	0,05	0,31
225	590	150	0,05	0,31
250	655	170	0,04	0,31
275	910	180	0,03	0,31
300	995	200	0,03	0,20
315	1045	205	0,02	0,20
325	1080	210	0,02	0,20
350	1160	230	0,02	0,20
375	1245	250	0,02	0,20
400	1180	275	0,01	0,10
450	1330	300	0,01	0,10
500	1475	330	0,01	0,10
550	1625	360	0,01	0,10
600	1775	390	0,01	0,10
630	1860	420	0,01	0,10
710	2100	460	0,01	0,10

ATAG reserves the right to make changes without notice, by virtue of any quality improvements and/or product specifications - ott_18 rbd