



Air/Fumes

A-FLEX PVC4

Properties

- particular material with a restricted thickness and without any textile substrate that gives to the hose a great lightness and flexibility
- high axial compression values (8:1)
- suitable to be used in motion
- good resistance to chemical agents
- gases and liquids proofness
- self-extinguishing
- Class 1 according to italian UNI 9177

Applications

- suction of gases and fumes
- particulates suction
- suction of steams and odours from chemical laboratories
- ventilation and air conditioning
- fairlead
- protection for moving devices
- float for phyto-purification

Construction

- soft self-extinguishing plasticized PVC sheet and a helix made of an armonic steel wire coated with phosphates embodied into the sheet layers



Code - A8P08....

Base Material - PVC

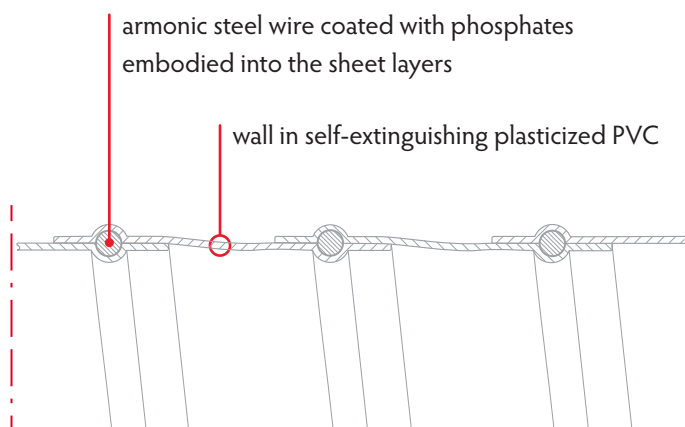
Operating Temperature - $-15 \div +70$ °C

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

Vacuum - $0,10 \div 2,04$ mtH₂O

Diameter Range - $25 \div 710$ mm

Key Feature - Very flexible, Self-extinguishing,
Spiral hose



continued on next page



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Standard production

- diameters: 25 ÷ 710 mm
- colour: metallized grey
- 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	88	19	0,40	2,04
30	105	21	0,40	2,04
35	121	25	0,40	1,94
40	137	28	0,40	1,84
45	154	30	0,38	1,84
50	170	35	0,35	1,53
55	186	40	0,35	1,53
60	203	42	0,35	1,43
65	219	45	0,33	1,33
70	188	49	0,30	1,22
75	201	53	0,30	1,02
80	214	56	0,25	1,02
85	227	60	0,25	0,92
90	240	63	0,25	0,92
100	267	70	0,20	0,82
110	293	75	0,18	0,82
115	306	80	0,18	0,82
120	319	85	0,16	0,71
125	332	88	0,15	0,61
130	345	92	0,10	0,61
140	371	95	0,09	0,61
150	341	105	0,08	0,51
160	364	110	0,07	0,51
170	386	115	0,06	0,51
175	398	120	0,06	0,41
180	409	130	0,06	0,41
200	454	135	0,05	0,31
215	488	145	0,05	0,31
225	510	150	0,05	0,31
250	566	170	0,04	0,31
275	622	180	0,03	0,31
300	679	200	0,03	0,20
315	712	205	0,02	0,20
325	735	210	0,02	0,20
350	791	230	0,02	0,20
375	847	250	0,02	0,20
400	920	275	0,01	0,10
450	1034	300	0,01	0,10
500	1149	330	0,01	0,10
550	1263	360	0,01	0,10
600	1378	390	0,01	0,10
630	1446	420	0,01	0,10
710	1629	470	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