



Air/Fumes

A-FLEX PVC11

Properties

- utilization of a thick profile contour made of PVC gives to the hose great strength
- suitable to be used with remarkable pressure and depression
- fire-resistance: class V1 according to USA UL 94
- very smooth inner wall allows low charge losses.
- axial compression 1:1
- fairly chemical resistance to acids, bases and organic solvents (except ketones and aromatic solvents)
- good mechanical and tear resistance
- excellent water and gases proofness

Applications

- suction of gases, fumes and vapours
- suction in galvanic and painting plants
- suction as a rule in chemical plants
- pneumatic convey of light solid materials
- industrial dust removals
- pneumatic convey of materials mixed to liquids

Construction

- strong profile contour made of plasticized PVC self-extinguishing and a helix made of armonic steel coated with phosphates embodied into the profile layers



Code - A8P06....

Base Material - PVC

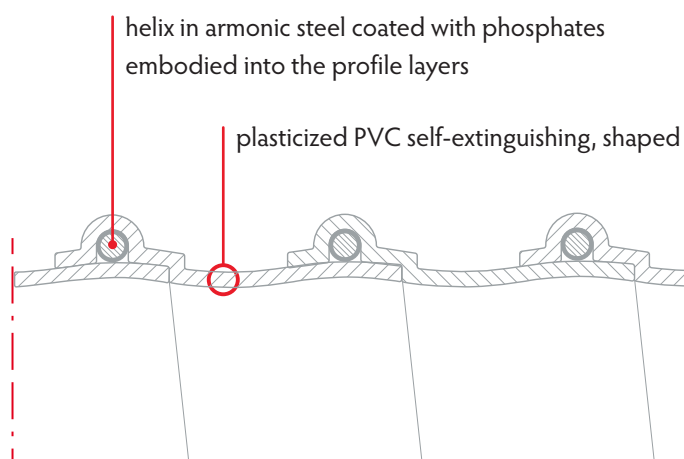
Operating Temperature - $-10 \div +70$ °C

Pressure - $0,01 \div 2,15$ bar

Vacuum - $0,10 \div 7,14$ mtH₂O

Diameter Range - $35 \div 710$ mm

Key Feature - Self-extinguishing, Spiral hose



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Standard production

- diameters: 35 ÷ 710 mm
- colour: dark 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
35	374	50	2,15	7,14
40	427	60	2,10	6,12
45	480	65	2,00	5,10
50	534	71	1,90	4,08
55	587	78	1,75	3,88
60	754	60	1,60	3,57
65	816	65	1,45	3,37
70	879	70	1,30	3,06
75	942	75	1,30	3,06
80	1005	80	1,25	3,06
85	1068	85	1,25	2,86
90	1130	90	1,10	2,86
100	1256	100	1,00	2,55
110	1382	110	0,80	2,35
115	1444	115	0,80	2,24
120	1507	120	0,80	2,14
125	1570	125	0,75	2,04
130	1633	130	0,70	2,04
140	1758	140	0,55	1,94
150	2072	150	0,50	1,84
160	2211	160	0,40	1,73
170	2349	170	0,35	1,63
175	2418	175	0,35	1,63
180	2487	180	0,30	1,63
200	2763	200	0,30	1,53
215	2903	215	0,25	1,43
225	3038	225	0,25	1,43
250	3376	250	0,20	1,22
275	3713	275	0,18	1,02
300	4051	300	0,15	1,02
315	4253	315	0,12	0,92
325	4388	325	0,11	0,92
350	4726	350	0,10	0,92
375	5063	375	0,10	0,82
400	5401	400	0,09	0,82
450	6076	450	0,08	0,71
500	6751	500	0,05	0,61
550	8405	550	0,03	0,51
600	9169	600	0,02	0,41
650	9933	650	0,01	0,31
710	10850	710	0,01	0,10

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