



Air/Fumes

Antistatic
Conductive
Atex

A-FLEX PVC/PES AS

Properties

- utilization of an antistatic textile, that makes the hose conductive, gives to the hose the peculiarity of a restricted electrostatic charge
- anti-static: $R_o \leq 300 \text{ M}\Omega$
- suitable to be used in areas with the risk of deflagration or fire
- very restricted charge losses, thanks to the construction with very smooth inner walls, and consequently a further less propensity to electrostaticity formation
- axial compression 1:1
- Fire-resistance: $\leq 20 \text{ cm}$ according to NF EN M 82-011 e 013

Applications

- materials, dusts and cuttings suction that may charge themselves with static electricity and, as a consequence, modify the flux
- suction in areas where there is a risk of fire such as paper-mill industries
- suction in areas with a risk of deflagration, such as chemical and oil plants
- suction of inflammable gases

Construction

- strong polyester textile spreaded on both sides with antistatic PVC and an armonic steel wire helix, coated with phosphates, embodied into the textile layers



Code - A8P10....

Base Material - POLIESTERE / PVC

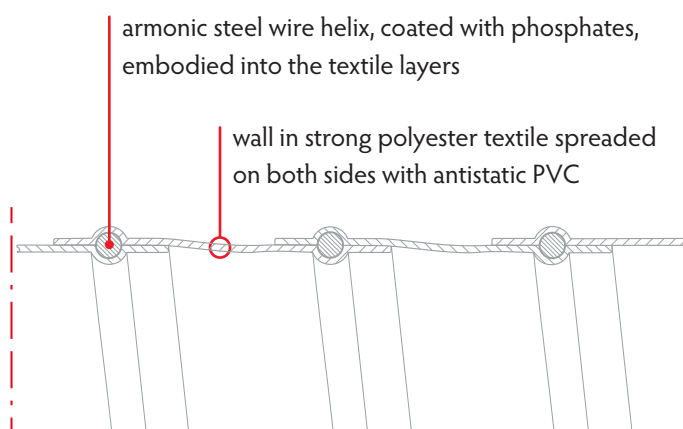
Operating Temperature - $-40 \div +90 \text{ }^{\circ}\text{C}$

Pressure - $0,02 \div 2,05 \text{ bar}$

Vacuum - $0,10 \div 3,57 \text{ mtH}_2\text{O}$

Diameter Range - $25 \div 710 \text{ mm}$

Key Feature - Anti-static, Spiral hose



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Atex**A-FLEX** PVC/PES AS**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	139	25	2,05	3,57
30	166	30	1,80	3,26
35	194	35	1,70	3,16
40	222	40	1,50	3,06
45	250	45	1,30	2,86
50	277	50	1,20	2,55
55	305	55	1,10	2,35
60	333	60	1,00	2,04
65	361	65	1,00	1,94
70	308	70	0,90	1,84
75	330	75	0,85	1,22
80	352	80	0,80	1,02
85	374	85	0,75	0,92
90	396	90	0,70	0,82
100	440	100	0,60	0,82
110	484	110	0,60	0,82
115	506	115	0,60	0,82
120	528	120	0,55	0,71
125	550	125	0,50	0,71
130	571	130	0,50	0,71
140	615	140	0,40	0,61
150	545	150	0,30	0,61
160	581	160	0,30	0,61
170	617	170	0,28	0,61
175	635	175	0,28	0,51
180	654	180	0,23	0,51
200	805	190	0,20	0,41
215	865	195	0,19	0,41
225	905	200	0,18	0,41
250	1006	220	0,15	0,31
275	1106	240	0,12	0,31
300	1301	260	0,10	0,20
315	1366	270	0,09	0,20
325	1410	290	0,08	0,20
350	1518	310	0,06	0,20
375	1626	340	0,05	0,20
400	1947	360	0,04	0,10
450	2190	390	0,04	0,10
500	2434	420	0,03	0,10
550	2677	450	0,03	0,10
600	2920	480	0,03	0,10

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