



Abrasive products

Antistatic
Conductive
Atex

A-FLEX PU4L-CU AS

Properties

- utilization of a polyurethane profile gives to the hose an excellent tear resistance (seven times more than PVC)
- excellent flexibility, even at low temperatures
- axial compression 6:1
- anti-static: $R_o < 10^8 \Omega$ according to DIN 53846
- suitable to be used in areas with the risk of deflagration or where an electrostatic charge should modify the conveyed elements flood.
- excellent resistance to oils, fats and several solvents
- good resistance to chemical agents
- good resistance also to UV, even if a typical polyurethane characteristic is photosensitivity and colour alterations may occur, that turns to yellowing, but not affecting its qualities.

Applications

- suction into oil industry area
- suction of light solid materials in deflagration risk places
- suction in paper-mill industries
- installations in chemical plants

Construction

- high quality antistatic polyurethane polyester sheet and a copperd armonic steel wire helix embodied into the sheet layers



Code - A8G17....AS

Base Material - PU

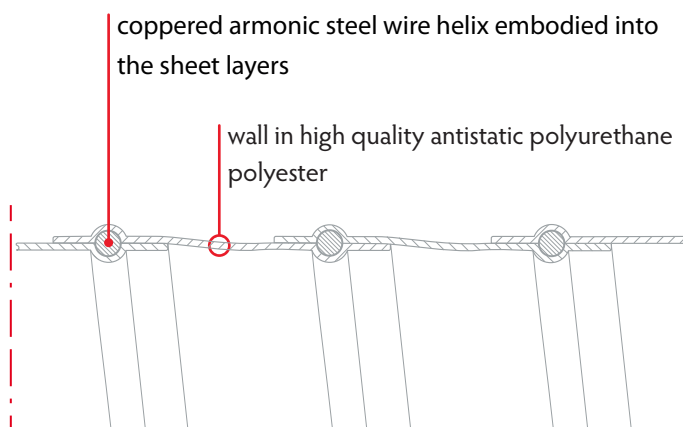
Operating Temperature - $-40 \div +100^\circ\text{C}$

Pressure - $0,01 \div 0,65 \text{ bar}$

Vacuum - $0,10 \div 3,06 \text{ mtH}_2\text{O}$

Diameter Range - $25 \div 600 \text{ mm}$

Key Feature - Transparent, Anti-static,
Spiral hose



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Atex**A-FLEX** PU4L-CU AS**Standard production**

- diameters: 25 ÷ 600 mm
- colour: transparent-ivory with copper coloured helix
- production lengths: 10 m

Available on request

- special lengths up to ca. 20 m

inner Ø	weight	bending radius	working pressure	vacuum
mm	g/m	mm	bar	mth20
25	130	25	0,65	3,06
30	170	30	0,60	3,06
35	210	35	0,55	2,55
40	230	40	0,50	2,55
45	270	45	0,45	2,04
50	300	50	0,40	2,04
55	325	55	0,40	1,63
60	335	60	0,40	1,63
65	337	65	0,35	1,43
70	327	70	0,35	1,43
75	350	75	0,30	1,02
80	373	80	0,27	1,02
85	396	80	0,25	1,02
90	418	85	0,23	0,92
100	464	90	0,20	0,92
110	509	100	0,20	0,92
115	532	100	0,20	0,92
120	555	105	0,20	0,82
125	578	107	0,20	0,82
130	600	110	0,18	0,82
140	646	120	0,15	0,61
150	691	130	0,11	0,61
160	737	140	0,10	0,61
170	782	145	0,09	0,51
175	805	150	0,09	0,51
180	828	155	0,09	0,51
200	901	160	0,08	0,51
215	968	165	0,07	0,51
225	1013	170	0,07	0,51
250	1124	190	0,05	0,41
275	1236	200	0,04	0,41
300	1348	220	0,03	0,31
315	1624	230	0,03	0,31
325	1675	235	0,03	0,31
350	1803	250	0,03	0,31
375	1931	265	0,02	0,20
400	2060	280	0,02	0,20
450	2316	340	0,01	0,10
500	2572	400	0,01	0,10
550	2828	450	0,01	0,10
600	3084	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