



Abrasive products



Foodstuffs
Pharmaceuticals
Cosmetics



Non-aggressive liquids

A-FLEX PU6-CU FLAME RETARDANT

Properties

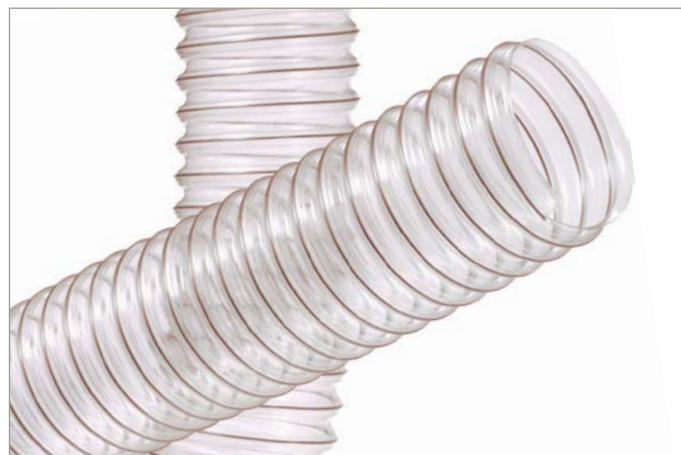
- utilization of a polyurethane profile gives to the hose an excellent tear resistance (seven times more than PVC)
- excellent flexibility and elasticity even at low temperatures
- excellent resistance to oils, fats and several solvents
- good resistance to chemical agents
- good resistance also to UV, even if a typical polyurethane characteristic is photosensitivity and colour alterations may occur, that turns to yellowing, but not affecting its qualities
- suitable for transporting of dry food our according to CE n° 10/2011 and CE n° 1935/2004
- self-extinguishing according to DIN 4102B1

Applications

- suction of grains, salt, cement
- shavings and wood powder suction
- suction of generally light solid materials
- suction of gasoline fumes and oils
- pneumatic transport of textile fibres, paper and plastic cuttings
- ceramics industries

Construction

- realized with a sheet of polyurethane polyester and a copper armonic steel wire helix embodied into the sheet layers.



Code - A8G44..FR

Base Material - PU

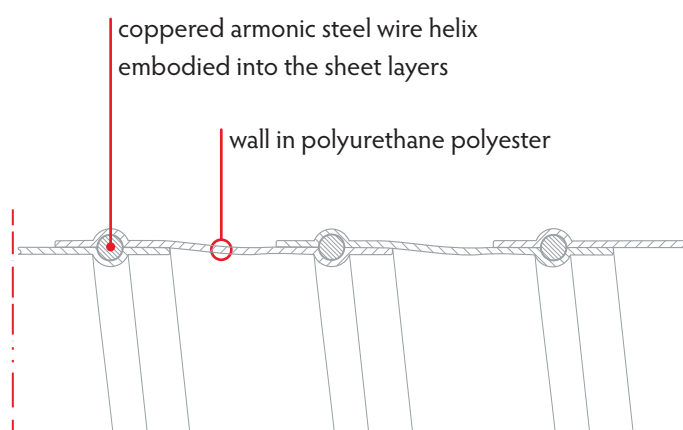
Operating Temperature - $-40 \div +100$ °C

Pressure - *n.d.*

Vacuum - $0,10 \div 3,26$ *mtH2O*

Diameter Range - $25 \div 600$ *mm*

Key feature - Trasparent, Spiral hose
Self-extinguishing



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A-FLEX PU6-CU FLAME RETARDANT**Standard production**

- diameters: 40 ÷ 600 mm
- colour: transparent-ivory with copper coloured helix
- production lengths: 15 m

Available on request

- special lengths up to ca. 20 m

inner Ø	thickness min	weight	bending radius	vacuum
mm	mm	g/m	mm	mtH2O
25	0,40	140	30	3,26
30	0,40	158	20	3,06
38	0,40	170	30	3,05
40	0,40	197	32	2,45
45	0,40	220	38	2,24
51	0,40	248	40	2,24
55	0,40	267	45	1,84
60	0,40	285	50	1,84
65	0,40	310	52	1,63
70	0,43	385	60	1,63
75	0,43	410	65	1,63
80	0,43	440	68	1,33
85	0,43	465	70	1,12
90	0,43	490	75	1,12
102	0,53	555	80	1,12
110	0,53	600	85	1,12
115	0,53	620	90	1,02
120	0,53	650	92	0,92
127	0,63	785	102	0,92
130	0,63	800	105	0,71
140	0,63	855	110	0,71
152	0,63	940	120	0,71
160	0,63	1005	130	0,71
170	0,63	1160	133	0,61
175	0,63	1195	140	0,61
180	0,63	1225	145	0,61
203	0,63	1380	150	0,51
215	0,63	1460	155	0,51
225	0,63	1540	168	0,51
265	0,65	1970	200	0,41
275	0,65	2080	210	0,41
300	0,65	2270	220	0,31
315	0,65	2380	225	0,31
325	0,65	2455	240	0,31
356	0,65	2685	258	0,31
375	0,75	3145	270	0,31
400	0,75	3400	280	0,20
450	0,75	3775	320	0,20
500	0,75	4195	360	0,10
550	0,75	4610	430	0,10
600	0,75	5025	480	0,10

ATAG reserves the right to make changes without notice, by virtue of any quality improvements and/or product specifications • mag_22 rdb