



Abrasive products



Foodstuffs
Pharmaceuticals
Cosmetics



Non-aggressive liquids

A-FLEX PU4-ZN

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
- axial compression 5:1
- 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



Code - A8G37....

Base Material - PU

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

Pressure - $0,01 \div 0,50$ bar

Vacuum - $0,10 \div 2,55$ mtH₂O

Diameter Range - $40 \div 600$ mm

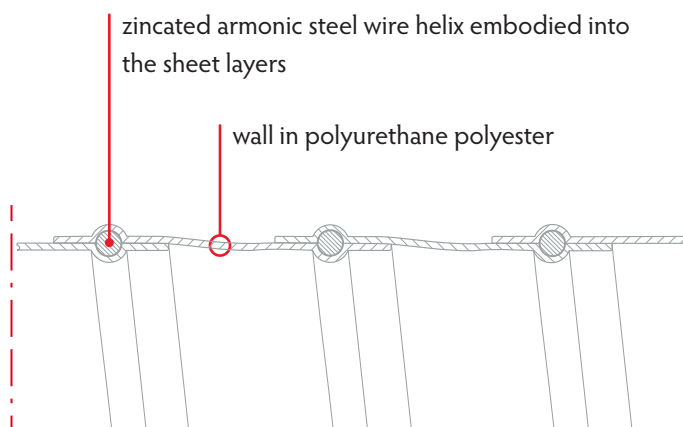
Key Feature - Spiral hose

Applications

- 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

- sheet of polyurethane polyester and a zincated armonic steel wire helix embodied into the sheet layers



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A-FLEX PU4-ZN**Standard production**

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

Available on request

- special lengths up to ca. 20 m

inner Ø	wall thickness	weight	bending radius	working pressure	vacuum
mm	mm	g/m	mm	bar	mtH2O
40	0,35	220	40	0,50	2,55
45	0,35	245	45	0,45	2,04
50	0,35	210	50	0,40	2,04
51	0,35	210	50	0,40	2,04
55	0,35	230	55	0,40	1,63
60	0,35	250	60	0,40	1,63
63	0,35	250	61	0,40	1,63
65	0,35	270	65	0,35	1,43
70	0,35	340	70	0,35	1,43
75	0,35	365	75	0,30	1,02
80	0,35	390	80	0,27	1,02
90	0,35	460	85	0,23	0,92
100	0,40	510	90	0,20	0,92
102	0,40	510	90	0,20	0,92
110	0,40	560	100	0,20	0,92
120	0,40	610	105	0,20	0,82
125	0,40	635	107	0,20	0,82
127	0,40	635	107	0,20	0,82
130	0,40	660	110	0,18	0,82
140	0,40	710	120	0,15	0,61
150	0,40	760	130	0,11	0,61
152	0,40	760	130	0,11	0,61
160	0,45	910	140	0,10	0,61
170	0,45	965	145	0,09	0,51
175	0,45	990	150	0,09	0,51
180	0,45	1020	155	0,09	0,51
200	0,45	1131	160	0,08	0,51
203	0,45	1131	160	0,08	0,51
215	0,45	1215	165	0,07	0,51
220	0,45	1215	167	0,07	0,51
225	0,45	1250	170	0,07	0,51
228	0,45	1260	172	0,07	0,51
250	0,50	1390	190	0,05	0,41
254	0,50	1410	192	0,05	0,41
275	0,50	1530	200	0,04	0,41
280	0,50	1600	210	0,04	0,41
300	0,50	1665	220	0,03	0,31
305	0,50	1690	222	0,03	0,31
315	0,50	1750	230	0,03	0,31
325	0,50	1800	235	0,03	0,31
350	0,50	1940	250	0,03	0,31
356	0,50	1980	255	0,03	0,31
375	0,50	2080	265	0,20	0,20
400	0,50	2215	280	0,02	0,20
406	0,50	2300	282	0,02	0,20
450	0,50	2800	340	0,01	0,10
500	0,50	3110	400	0,01	0,10
550	0,50	3420	450	0,01	0,10
600	0,50	3727	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