



A-FLEX PU4-CU BLUE

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, reinforced by the specific blue color that acts as an additional barrier

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
- suction touching sea water

Construction

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



Code - 9AA8G18....

Base Material - PU

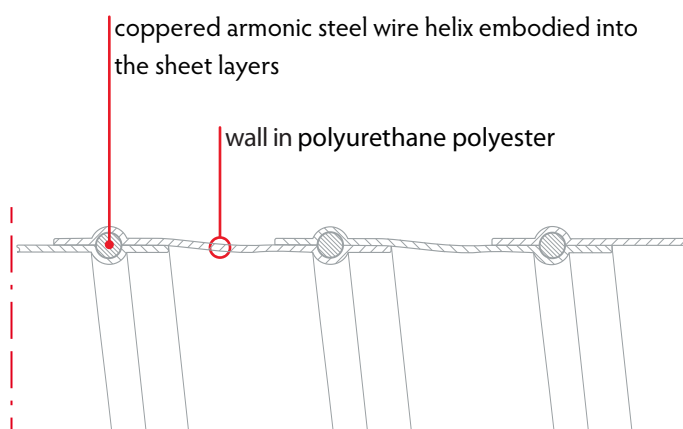
Operating Temperature - $-40 \div +100$ °C

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

Vacuum - $0,10 \div 2,55$ mtH₂O

Diameter Range - $40 \div 600$ mm

Key Feature - Spiral hose



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Abrasive products

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Standard production

- diameters: 40 ÷ 600 mm
- colour: blue
- production lengths: 15 m

Available on request

- special lengths up to ca. 20 m

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