



Foodstuffs
Pharmaceuticals
Cosmetics



Abrasive products

A-FOOD PU11

Properties

- utilization of a thick profile contour made of polyurethane gives to the hose great strength
- suitable to be used with remarkable pressure and depression
- good tear and cuts resistance (seven times more than PVC)
- very smooth inner wall allows low charge losses.
- suitable to be used when occurs a contact with food-stuff and drugs
- excellent resistance to microbic attacks and to hydrolysis
- fairly flexibility, even at low temperatures
- axial compression 1:1
- excellent chemical resistance to oils and fats, as well as acids and bases
- 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
- excellent water and gases proofness
- food-grade polyurethane according to norms:
CE 1935/2004
UE 10/2011,
FDA 21 CFR 177,2600

Applications

- food-grade substances process
- suction and discharge in fishing-industry
- suction and discharge in cosmetic industry area
- suction and discharge in pharmaceutical industry area
- suction into organic chemical plants
- suction and pneumatic convey of very abrasive materials into flour processes

Construction

- strong profile contour made of a high quality food-grade polyurethane-polyether and a helix made of an armonic steel wire, coated with PVC, embodied into the sheet layers



Code - A8G19....AE

Base Material - PU

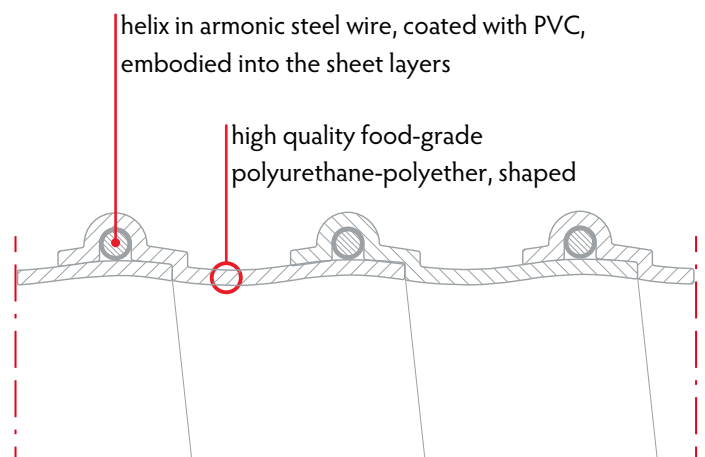
Operating Temperature - $-40 \div +100\text{ }^{\circ}\text{C}$

Pressure - $0,04 \div 2,30\text{ bar}$

Vacuum - $0,31 \div 6,12\text{ mH}_2\text{O}$

Diameter Range - $20 \div 550\text{ mm}$

Key Feature - Hydrolysis resistant, Food suitable, Spiral hose





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Standard production

- diameters: 20 ÷ 550 mm
- colour: transparent-ivory with a white 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	mtH2O
20	172	30	2,30	6,12
25	211	33	2,20	6,12
30	252	45	2,10	5,10
35	293	53	2,05	4,89
40	351	60	2,00	4,59
45	391	68	1,90	4,39
50	440	75	1,80	4,08
55	484	83	1,70	3,88
60	529	90	1,60	3,57
65	574	98	1,55	3,57
70	611	105	1,50	3,57
75	628	113	1,30	3,06
80	670	120	1,30	3,06
85	712	127	1,10	3,06
90	754	135	1,10	3,06
100	1021	150	1,00	3,06
110	1123	165	0,90	3,06
115	1169	173	0,90	3,06
120	1220	180	0,80	2,55
125	1280	188	0,75	2,55
130	1331	195	0,70	2,14
140	1363	210	0,55	2,14
150	1460	225	0,50	2,04
160	1557	240	0,48	2,04
170	1652	255	0,45	1,53
175	1700	263	0,45	1,53
180	1749	270	0,40	1,53
200	1941	300	0,35	1,22
215	2709	315	0,33	1,22
225	2835	338	0,30	1,22
250	3150	375	0,25	1,02
275	3465	415	0,23	1,02
300	3780	450	0,20	0,92
315	3969	485	0,18	0,92
325	4095	510	0,16	0,92
350	4410	525	0,15	0,92
375	4725	570	0,12	0,82
400	5050	600	0,10	0,82
450	6710	675	0,08	0,61
500	7211	750	0,05	0,41
550	7922	825	0,04	0,31

ATAG reserves the right to make changes without notice, by virtue of any quality improvements and/or product specifications - feb_19 rbd