



Abrasive products



Antistatic
Conductive
Atex

A-FLEX PU7 AS

Properties

- surface resistance $R_o < 10^4$ Ohm
- abrasion resistant
- extremely flexible
- lightweight
- small bend radius
- resistant to oil and fuels, gas tight
- free of halogens
- good chemical resistance
- generally good UV and ozone resistance (see register no. 28.7.7)
- high tensile and burst strength
- nearly smooth inside
- optimum flow characteristics
- acc. to TRBS 2153 (zone 0, 20) suitable for combustible liquids/dusts. Spiral ends shall be earthed at both sides to ensure static dissipation (see register no. 28.12)
- RoHS compliant

Applications

- dangerous areas, where electrical conductivity is demanded
- suction and transport hose for abrasive materials, gaseous and liquid media
- transport of small particled dusts and powders
- oil spray extraction
- protection hose against mechanical pressure

Construction

- hose wall: electrically conductive polyurethane
- spiral: spring steel wire



Code - 9AA8PUMLEL....

Base Material - PU

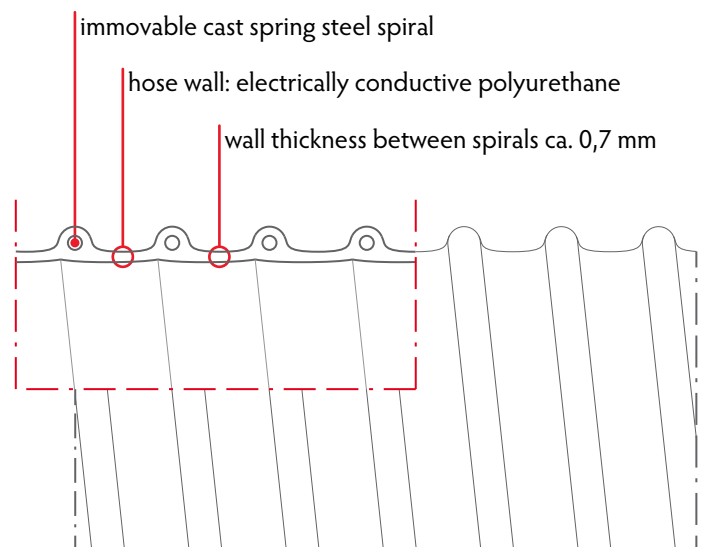
Operating Temperature - $-40 \div +90$ °C

Pressure - $0,130 \div 3,22$ bar

Vacuum - $0,525 \div 8,0$ mth₂O

Diameter Range - $25 \div 500$ mm

Key feature - Black, Atex, Spiral hose



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Atex**A-FLEX PU7 AS****Standard production**

- the # marked nominal diameters
- colour: black
- production lengths DN 25÷90: 10 m and 15 m
- production lengths from DN 100: 10 m

Available on request

- special lengths
- special diameters

inner Ø	working pressure	vacuum	bending radius	outer Ø	weight
mm	bar	mtH ₂ O	mm	mm	kg/m
25	3,220	8	31	31	0,25
32	2,520	7,25	40	40	0,35
# 38	2,100	6,75	46	46	0,39
40	2,100	6,75	48	48	0,40
45	1,840	6	53	53	0,42
# 50	1,680	5,25	58	58	0,45
55	1,540	4,5	63	63	0,51
60	1,400	4,5	68	68	0,53
65	1,260	3,75	73	73	0,64
70	1,120	3,75	78	78	0,68
75	1,120	3	84	84	0,72
# 80	0,980	3	88	88	0,76
90	0,840	2,25	99	99	0,88
# 100	0,840	2,25	110	110	0,95
110	0,700	2,25	119	119	1,03
115	0,700	2,25	124	124	1,06
120	0,700	2,25	129	129	1,12
125	0,700	2,25	135	135	1,18
130	0,560	2,25	139	139	1,20
140	0,560	1,5	149	149	1,38
150	0,560	1,5	161	161	1,48
160	0,560	1,5	170	170	1,74
170	0,420	1,5	180	180	1,80
175	0,420	1,5	185	185	1,85
180	0,420	1,5	190	190	1,90
200	0,420	1,5	214	214	2,30
225	0,280	0,75	235	235	2,55
250	0,280	0,75	260	260	3,02
275	0,280	0,75	284	284	3,11
280	0,280	0,75	290	290	3,14
300	0,250	0,675	310	310	3,20
315	0,250	0,675	325	325	3,32
325	0,250	0,675	335	335	3,40
350	0,130	0,675	360	360	3,60
375	0,130	0,525	386	386	3,85
400	0,130	0,525	410	411	4,45
450	0,130	0,525	460	461	5,06
500	0,130	0,525	510	511	5,70

ATAG reserves the right to make changes without notice, by virtue of any quality improvements and/or product specifications - ott_17 rbd