



Abrasive products



Antistatic
Conductive
Atex

A-FLEX PU7

Properties

- highly abrasion resistant
- resistant to oil and fuels
- gas tight
- good chemical resistance
- free of plastizisers
- free of halogen
- generally good UV and ozone resistance
- lightweight
- extremely flexible
- small bend radius
- high tensile and burst strength
- optimum flow characteristics
- acc. to TRGS 727 (zone 20) suitable for non-combustible dusts/bulk goods and gases/liquids of low conductivity. Spiral ends shall be earthed at both sides to ensure static dissipation
- RoHS compliant
- antistatic, surface resistance $R < 10^9 \text{ Ohm}$
- hardly inflammable acc. to DIN 4102 B1
- microbe-resistant

Applications

- suction and transport hose for abrasive materials
- gaseous and liquid media
- suction of paper and textile fibres
- transport of small particled dusts and powders
- oil spray extraction
- protection hose against mechanical pressure

Construction

- hose wall: 100% polyester polyurethane (in comparison with polyether polyurethane more abrasion resistant, acc. to DIN ISO 4649)
- spiral: spring steel wire



Code - A8PUML....

Base Material - PU

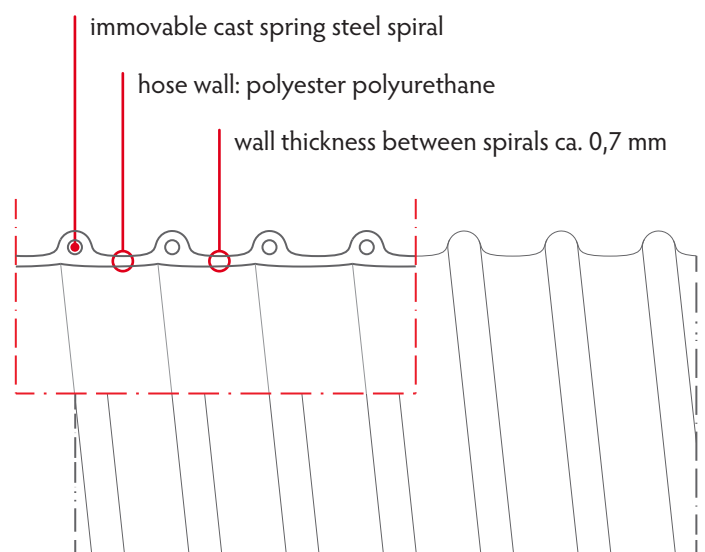
Operating Temperature - $-40 \div +90$ / peeks $+125 \text{ }^\circ\text{C}$

Pressure - $0,13 \div 3,22 \text{ bar}$

Vacuum - $0,52 \div 8,0 \text{ mth}_2\text{O}$

Diameter Range - $25 \div 500 \text{ mm}$

Key feature - Transparent, Spiral hose,
Antistatic, Microbe-resistant





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

- diameter 25÷500
- colour: clear
- production lengths DN 25÷250: 10 m and 15 m
- production lengths from DN 275: 10 m

Available on request

- coloured
- with overprint
- 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 rdb