



Abrasive products



Antistatic
Conductive
Atex

A-FLEX PU14 AS

Properties

- surface resistance $R_o < 10^4$ Ohm
- highly abrasion resistant
- very 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)
- improved pressure and vacuum characteristics
- high tensile and burst strength
- nearly smooth inside
- optimum flow characteristics
- acc. to TRGS 727 (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
- special hose for industrial vacuum cleaners in explosion proof areas
- suction and transport hose for abrasive materials, gaseous and liquid media
- extraction of coarse grained particles with high flow volumetric
- oil spray extraction
- protection hose against mechanical damage

Construction

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



Code - A8PUMHEL....

Base Material - PU

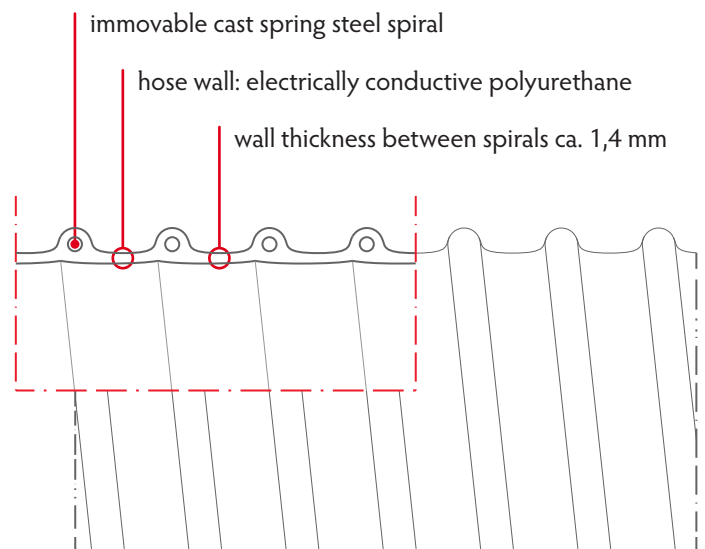
Operating Temperature - $-40 \div +90$ °C

Pressure - $0,30 \div 4,16$ bar

Vacuum - $0,675 \div 9,40$ mth20

Diameter Range - $25 \div 500$ mm

Key feature - Black, Atex, Spiral hose





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Atex**A-FLEX PU14 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	4,16	9,400	47	33	0,29
# 32	3,25	9,400	60	41	0,39
# 38	3,12	8,400	69	47	0,46
# 40	3,00	8,350	72	49	0,49
45	2,95	8,250	80	55	0,55
# 50	2,90	8,000	87	61	0,71
55	2,75	7,750	95	65	0,77
# 60	2,55	7,500	102	70	0,84
65	2,40	6,750	112	75	0,91
# 70	2,25	6,750	117	80	0,97
# 75	2,00	6,000	126	87	1,06
# 80	2,00	6,000	132	91	1,11
90	1,65	5,250	149	101	1,25
#100	1,50	4,500	165	112	1,48
110	1,35	4,500	179	121	1,61
115	1,35	3,125	186	126	1,68
120	1,30	3,125	194	131	1,75
125	1,30	3,125	203	138	1,91
130	1,30	3,125	209	141	1,96
140	1,05	2,500	224	151	2,11
# 150	1,05	2,500	242	163	2,29
160	0,90	2,500	255	171	2,51
170	0,90	1,875	270	181	2,67
175	0,90	1,875	278	186	2,74
180	0,75	1,875	285	191	2,82
#200	0,75	1,875	321	215	3,30
225	0,60	1,250	353	237	3,65
250	0,60	1,250	390	263	3,84
275	0,45	1,250	426	288	4,22
280	0,45	1,250	435	293	4,30
300	0,45	1,250	465	313	4,94
315	0,45	1,250	488	328	5,19
325	0,45	1,250	503	338	5,35
350	0,45	1,250	540	363	6,96
400	0,30	0,675	615	413	7,95
450	0,30	0,675	690	463	8,94
500	0,30	0,675	765	513	9,93

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