



Abrasive products



Antistatic
Conductive
Atex

A-FLEX PU14

Properties

- highly abrasion resistant
- resistant to oil and fuels
- gas tight
- good chemical resistance
- resistant to solvents
- free of halogens and plasticizers
- generally good UV and ozone resistance
- very flexible; reduced weight
- small bend radius
- improved pressure and vacuum characteristics
- high tensile and burst strength
- nearly smooth inside
- optimum flow characteristics
- acc. to TRGS 727 (zone 20) for flammable dust/bulk solids for conducting electrostatic charges when earthed at both ends of the spiral
- RoHS compliant
- antistatic, surface resistance $R < 10^9 \text{ Ohm}$
- hardly inflammable acc. to DIN 4102 B1
- microbe-resistant

Applications

- extraction of coarse grained particles with high flow volumetric
- suction and transport of abrasive materials, gaseous and liquid media
- standard hose for industrial vacuum cleaners
- transport of granules
- transport of chips
- suction and transport of paper fibres
- 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 - A8PUMH....

Base Material - PU

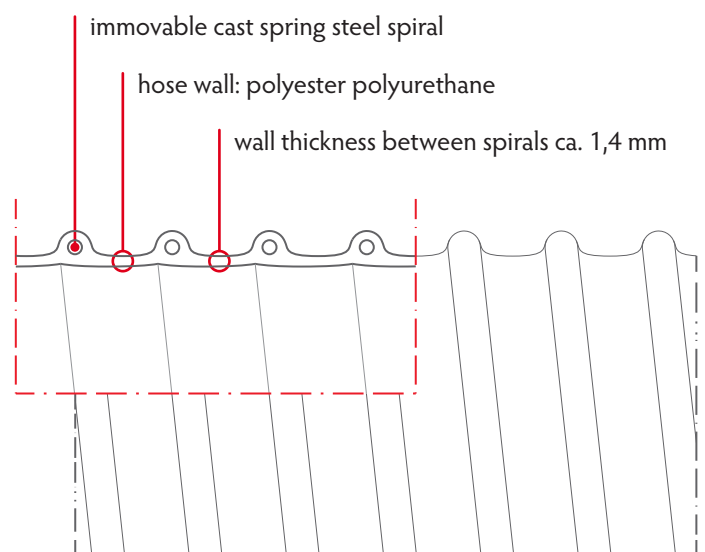
Operating Temperature - $-25 \div +90$ / peaks $+125 \text{ }^\circ\text{C}$

Pressure - $0,30 \div 4,50 \text{ bar}$

Vacuum - $0,675 \div 9,40 \text{ mth20}$

Diameter Range - $16 \div 500 \text{ mm}$

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





Abrasive products

Antistatic
Conductive
Atex**A-FLEX PU14****Standard production**

- diameter 16÷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
16	4,50	9,40	40	22	0,20
20	4,30	9,40	43	26	0,22
25	4,16	9,40	47	33	0,29
32	3,25	9,40	60	41	0,39
38	3,12	8,40	69	47	0,46
40	3,00	8,35	72	49	0,49
45	2,95	8,25	80	55	0,55
50	2,90	8,00	87	61	0,71
55	2,75	7,75	95	65	0,77
60	2,55	7,50	102	70	0,84
65	2,40	6,75	112	75	0,91
70	2,25	6,75	117	80	0,97
75	2,00	6,00	126	87	1,06
80	2,00	6,00	132	91	1,11
90	1,65	5,25	149	101	1,25
100	1,50	4,50	165	112	1,48
110	1,35	4,50	179	121	1,61
115	1,35	3,13	186	126	1,68
120	1,30	3,13	194	131	1,75
125	1,30	3,13	203	138	1,91
130	1,30	3,13	209	141	1,96
140	1,05	2,50	224	151	2,11
150	1,05	2,50	242	163	2,29
160	0,90	2,50	255	171	2,51
170	0,90	1,88	270	181	2,67
175	0,90	1,88	278	186	2,74
180	0,75	1,88	285	191	2,82
200	0,75	1,88	321	215	3,30
225	0,60	1,25	353	237	3,65
250	0,60	1,25	390	263	3,84
275	0,45	1,25	426	288	4,22
280	0,45	1,25	435	293	4,30
300	0,45	1,25	465	313	4,94
315	0,45	1,25	488	328	5,19
325	0,45	1,25	503	338	5,35
350	0,45	1,25	540	363	6,96
375	0,30	0,68	580	388	7,45
400	0,30	0,68	615	413	7,95
450	0,30	0,68	690	463	8,94
500	0,30	0,68	765	513	9,93

ATAG reserves the right to make changes without notice, by virtue of any quality improvements and/or product specifications • ott_22_rdb