

## AIRDUC PUR 350 AS medium duty



### Technical specifications:

#### APPLICATIONS

- flexible hose/ ducting for abrasive powder, bulk material, granulate and for gases
- printed circuit board drilling machine (PCB)
- offset printing machine: air supply, air supply cabinet
- air supply: UV dryer, IR dryer
- extraction unit, dedusting system, filter system, oil mist extraction
- chemical industry: chemical vapours, vapour return hose at loading arm, paint steam, spray mist extraction
- explosion hazard area
- textile industry, fiber extraction: spinning machine, knitting machine, weaving loom machine
- animal stall, animal shed: barn ventilation
- clean room ventilation, semiconductor production machine
- compressor, side channel blower, vacuum pump, pressure pump, pump
- surface preparation: shot blasting/ sand blasting recovery e.g. at blasting chamber, ship yard, stripping machine, flooring preparation machine, grinding machine
- municipal vehicle: sweeper, sweeping machine
- municipal vehicle: lawn mower, slope mower, leaf blower/ leaf collector
- scrubber, floor cleaning machine
- heating hose: exterior hose as protection hose

#### PROPERTIES

- highly abrasion resistant
- medium-heavy duty
- microbe resistant
- good resistance to oil, gasoline and chemicals
- very good low temperature flexibility
- flame-retardant according to: UL94-V2 & DIN 4102-B1
- permanently antistatic wall: according to ISO 8031 electrical and surface resistance  $<10^9 \Omega$  (according to TRGS 727  $<2,5 \cdot 10^8 \Omega \cdot m$  and NFPA 652  $10^8-10^9 \Omega$ )
- in accordance with ATEX 2014/34/EU (1999/92/EC) and German TRGS 727: pneumatic transport of flammable dusts and bulk materials (Zone 20, 21, 22 inside), aspiration of combustible dusts (Zone 22 inside),
- in accordance with ATEX 2014/34/EU (1999/92/EC) and German TRGS 727: for conveying for flammable liquids (inside zone 0, 1, 2), for conveying for non-flammable liquids, for use in zone 1 and 2 (gases), for use in zone 0 (gases)
- conforms to the safety regulations of the German Wood Trade Association

- according to DIN 26057 Type 2
- conforms to RoHS guideline
- REACH according to --> Technology / Technical Information / REACH

#### DESIGN

- AIRDUC® profile hose
- 1. spring steel wire firmly embedded in wall
- 2. wall: permanently antistatic premium ester-polyurethane (Pre-PUR®)
- 3. wall thickness 0,7 mm approx.

#### DELIVERY VARIANTS

- further diameters and lengths available on request
- transparent (standard)
- special colours: full coloured
- customer-specific branding

#### TEMPERATURE RANGE

- -40°C to 90°C
- short time to 125°C

**Temperatur:** -40°C / +90°C (short time +125°C)

**Construction:** Poliurethane, transparent, with steel spiral, inside almost smooth, straight wall, outside corrugated

**Electrical resistance:** permanently antistatic wall: according to ISO 8031 electrical and surface resistance

**Wall thickness:** 0,7 mm

Certain diameters are available from stock. Meantime, we hold the right of selling the stock in products.

Belső Ø (mm)	Külső Ø (mm)	Vákuum (bar)	Hajlítási sugár (mm)	Nyomás 20°C-on (bar) (50% nyúlás)	Súly (kg/m)	Cikkszám
25	32	-0,75	23	2,44	0,19	350-0025-1002
30	37	-0,63	26	2,05	0,25	350-0030-1002
32	39	-0,59	27	1,93	0,27	350-0032-1002
35	42	-0,54	29	1,77	0,29	350-0035-1002
38	45	-0,49	31	1,63	0,31	350-0038-1002
40	47	-0,47	32	1,55	0,33	350-0040-1002
45	52	-0,42	35	1,39	0,37	350-0045-1002
50/51	57	-0,38	38	1,25	0,4	350-0050-1002
55	62	-0,34	41	1,14	0,44	350-0055-1002
60	67	-0,31	44	1,05	0,48	350-0060-1002
63/65	70	-0,29	47	0,97	0,52	350-0065-1002
70	77	-0,18	50	0,9	0,56	350-0070-1002
75/76	82	-0,17	53	0,84	0,59	350-0075-1002

Belső Ø (mm)	Külső Ø (mm)	Vákuum (bar)	Hajlítási sugár (mm)	Nyomás 20°C-on (bar) (50% nyúlás)	Súly (kg/m)	Cikkszám
80	87	-0,16	56	0,79	0,64	350-0080-1002
90	97	-0,14	62	0,7	0,72	350-0090-1002
100/102	107	-0,13	68	0,63	0,8	350-0100-1002
110	117	-0,12	74	0,57	0,87	350-0110-1002
120	127	-0,11	80	0,53	0,95	350-0120-1002
125/127	132	-0,11	83	0,51	0,98	350-0125-1002
140	147	-0,09	92	0,45	1,09	350-0140-1002
150/152	157	-0,07	98	0,42	1,4	350-0150-1002
160	167	-0,07	104	0,4	1,5	350-0160-1002
180	187	-0,06	116	0,35	1,67	350-0180-1002
200/203	207	-0,05	128	0,32	1,86	350-0200-1002
225	232	-0,05	143	0,28	2,08	350-0225-1002
250	257	-0,04	158	0,25	2,31	350-0250-1002
300	307	-0,03	188	0,21	2,77	350-0300-1002
305	312	-0,03	191	0,21	2,81	350-0305-1002

