

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

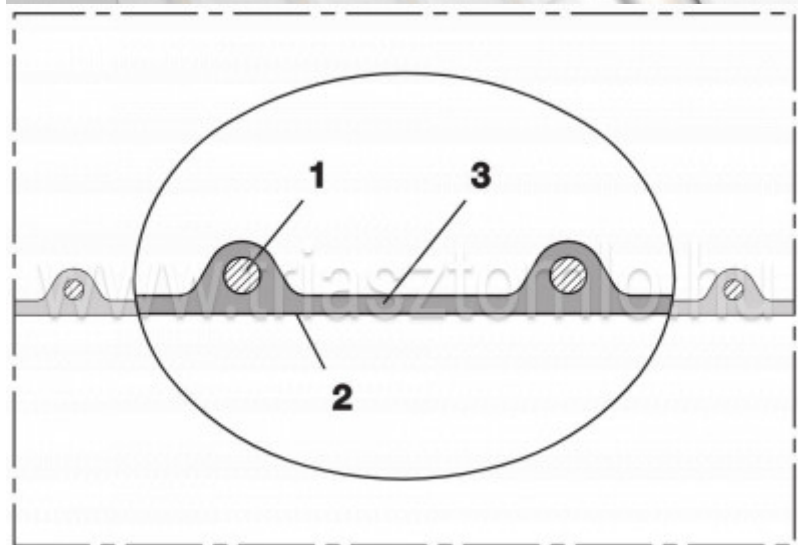
Electrical resistance: permanently antistatic wall: according to ISO 8031 electrical and surface resistance

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 |





TRIÁSZ-TÖMLŐ KFT.

