

AIRDUC PUR 351 EC 0,7 mm ATEX conductive suction hose **Electrically conductive polyurethane hose, medium-heavy**



Technical specifications:

APPLICATIONS

- flexible hose/ ducting for abrasive powder, bulk material, granulate and for gases
- industrial vacuum cleaners, vacuum cleaners
- explosion hazard area
- Coal mine, mine, tunnelling: ventilation, methane extraction

PROPERTIES

- highly abrasion resistant
- good resistance to oil, gasoline and chemicals
- very good low temperature flexibility
- electrically conductive wall: electrical and surface resistance $<10^3\Omega$ (according to NFPA 652 $<10^6\Omega$)
- 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)
- according to DIN 26057 Type 2
- conforms to RoHS guideline
- REACH according to --> Technology / Technical Information / REACH

DELIVERY VARIANTS

- further diameters and lengths available on request
- black (standard)
- customer-specific branding

DESIGN

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

TEMPERATURE RANGE

- -40°C to 90°C

Hőállóság: -40°C/+90°C

Anyaga: Fekete, elektromosan vezetőképes poliuretán

Elektromos ellenállás: $R < 10 \cdot 3 \text{ Ohm}$ (NFPA 652 szerint $< 10 \cdot 6 \text{ Ohm}$)

Falvastagság a spirálok között mérve: 0,7 mm

Belül: Közel sima

Kívül: Hullámos

Betétek: Acélspirál erősítéssel

Tekercsméret m: 10 m

Kivitel: DIN 26057 Type2

ATEX 2014/34/EU (1999/92/EC) TRGS 727: gyúlékony porokra zóna
20,21,22 beltérben

On stock at the manufacturer, short delivery time with regular shipments

| Belső Ø (mm) | Külső Ø (mm) | Nyomás DIN 26057 (50% hossznyúlás) | Vákuum DIN 26057 (rögzített végek) | Hajlítási sugár (mm) | Súly (kg/m) | Norres cikkszám | Cikkszám |
|-----------------|-----------------|---------------------------------------|--|-------------------------|----------------|--------------------|----------|
| 25 | 32 | 2,44 | -0,46 | 23 | 0,20 | 351-0025- 1003 | 102638 |
| 30 | 38 | 1,94 | -0,44 | 26 | 0,26 | 351-0030- 1003 | 102920 |
| 32 | 40 | 1,83 | -0,43 | 27 | 0,28 | 351-0032- 1003 | 102921 |
| 38 | 46 | 1,55 | -0,40 | 31 | 0,32 | 351-0038- 1003 | 102924 |
| 40 | 48 | 1,47 | -0,39 | 32 | 0,34 | 351-0040- 1003 | 102639 |
| 45 | 53 | 1,32 | -0,36 | 35 | 0,39 | 351-0045- 1003 | 102925 |
| 50/51 | 58 | 1,19 | -0,34 | 38 | 0,41 | 351-0050- 1003 | 102640 |
| 60 | 68 | 0,99 | -0,26 | 44 | 0,49 | 351-0060- 1003 | 102574 |
| 63/65 | 73 | 0,92 | -0,23 | 47 | 0,53 | 351-0065- 1003 | 102926 |
| 70 | 79 | 0,85 | -0,19 | 50 | 0,57 | 351-0070- 1003 | 102927 |
| 75/76 | 84 | 0,80 | -0,18 | 53 | 0,61 | 351-0075- 1003 | 102928 |
| 80 | 89 | 0,75 | -0,16 | 56 | 0,65 | 351-0080- 1003 | 102922 |
| 90 | 99 | 0,67 | -0,14 | 62 | 0,73 | 351-0090- 1003 | 102929 |
| 100/102 | 109 | 0,60 | -0,11 | 68 | 0,79 | 351-0100- 1003 | 102923 |

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|-----------------|-----------------|---------------------------------------|--|-------------------------|----------------|--------------------|----------|
| 110 | 119 | 0,55 | -0,10 | 74 | 0,87 | 351-0110- 1003 | 102421 |
| 120 | 129 | 0,50 | -0,08 | 80 | 0,94 | 351-0120- 1003 | 102930 |
| 125/127 | 134 | 0,48 | -0,07 | 83 | 0,98 | 351-0125- 1003 | 102931 |
| 160 | 169 | 0,38 | -0,06 | 104 | 1,41 | 351-0160- 1003 | 102932 |
| 200/203 | 209 | 0,30 | -0,05 | 128 | 1,76 | 351-0200- 1003 | 102933 |

