

AIRDUC PUR 355 EC (HD)



Technical specifications:

APPLICATIONS

- flexible hose/ ducting for high throughput of abrasive powder, bulk material, granulate and for gases
- industrial vacuum cleaners, vacuum cleaners
- Coal mine, mine, tunnelling: ventilation, methane extraction
- raw material conveying hose for powders, granulates, sand, quartz, gravel, shards and chips/ shavings

PROPERTIES

- heavy duty
- increased pressure and vacuum resistance
- highly abrasion resistant
- very good low temperature flexibility
- good resistance to oil, gasoline and chemicals
- 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 3
- conforms to RoHS guideline
- REACH according to --> Technology / Technical Information / REACH

TEMPERATURE RANGE

- -40°C to 90°C

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 1,4 - 1,5 mm approx.

Hőállóság: -40°C/+90°C

Felépítés: 200%

Belül: ≥ 3 Mpa

Falvastagság: 1,4 mm

Kulcsszélesség: SBR

Erősítés: -20/+85°C

Magas oktánszámú üzemanyagok: white/cream

Szabvány: ATEX 2014/34/EU (1999/92/EC), Német TRGS 727,DIN 26057 2. típus, megfelel a RoHS iránymutatásoknak

Szakadási nyúlás: 1,45 g/cm³

Szövet: both side is smooth

Tömítés: 50° Shore A

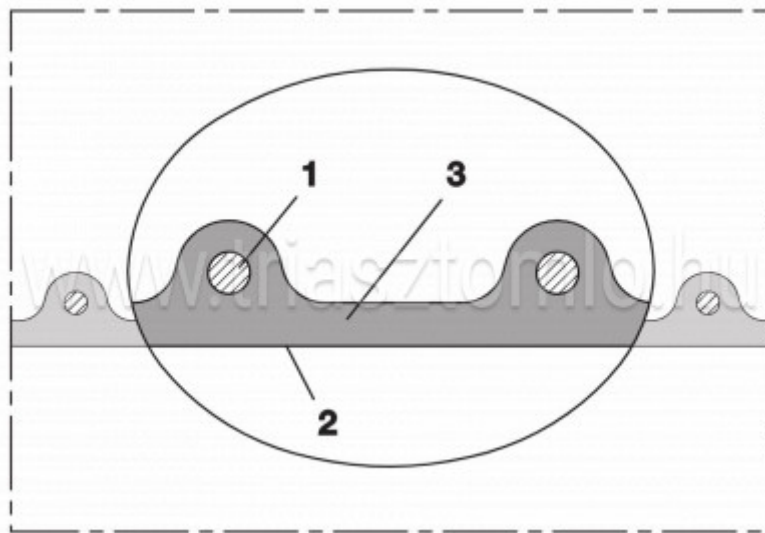
Tömítőtányér: without fabric insertion

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

| ID (mm) | OD (mm) | Working pressure (bar) | Vacuum (bar) | Bending radius (mm) | Weight (kg/m) | Article Nr. |
|---------|---------|------------------------|--------------|---------------------|---------------|---------------|
| 25 | 32 | 2,93 | 1 | 20 | 0,28 | 355-0025-1003 |
| 30 | 40 | 2,47 | 1 | 25 | 0,47 | 355-0030-1003 |
| 32 | 42 | 2,32 | 0,95 | 26 | 0,47 | 355-0032-1003 |
| 38 | 48 | 1,98 | 0,92 | 29 | 0,55 | 355-0038-1003 |
| 40 | 50 | 1,88 | 0,91 | 30 | 0,57 | 355-0040-1003 |
| 50-51 | 60 | 1,51 | 0,78 | 35 | 0,71 | 355-0050-1003 |
| 60 | 70 | 1,27 | 0,65 | 40 | 0,83 | 355-0060-1003 |
| 63-65 | 75 | 1,17 | 0,6 | 43 | 0,89 | 355-0065-1003 |
| 70 | 81 | 1,51 | 0,51 | 62 | 1,01 | 355-0070-1003 |
| 75-76 | 86 | 1,42 | 0,48 | 66 | 1,07 | 355-0075-1003 |
| 80 | 91 | 1,33 | 0,45 | 69 | 1,14 | 355-0080-1003 |
| 100 | 111 | 1,07 | 0,37 | 83 | 1,41 | 355-0100-1003 |
| 110 | 121 | 0,98 | 0,32 | 90 | 1,54 | 355-0110-1003 |
| 114-115 | 126 | 0,93 | 0,33 | 94 | 1,61 | 355-0115-1003 |
| 200 | 212 | 0,5 | 0,14 | 155 | 2,85 | 355-0200-1003 |



TRIÁSZ-TÖMLŐ KFT.



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