

## **AIRDUC PUR 350 AS BLACK 0,7 mm, straight wall Antistatic polyurethane hose, medium-heavy, black**



### **Technical specifications:**

### **APPLICATIONS**

- flexible hose/ ducting for abrasive powder, bulk material, granulate and for gases
- air supply: UV dryer, IR dryer
- extraction unit, dedusting system, filter system, oil mist extraction
- explosion hazard area
- textile industry, fiber extraction: spinning machine, knitting machine, weaving loom machine
- clean room ventilation, semiconductor production machine
- heating hose: exterior hose as protection hose
- surface preparation: shot blasting/ sand blasting recovery e.g. at blasting chamber, ship yard, stripping machine, flooring preparation machine, grinding machine

### **PROPERTIES**

- medium-heavy duty
- highly abrasion resistant
- good resistance to oil, gasoline and chemicals
- very good low temperature flexibility
- 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)
- 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)
- special colours: full coloured
- customer-specific branding

### **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.

#### TEMPERATURE RANGE

- -40°C to 90°C
- short time to 125°C

**Hőállóság:** -40°C / +90°C ( rövid ideig +125°C)

**Felépítés:** poliuretán, áttetsző, beágyazott acélspirállal, belül közel sima, kívül hullámos

**Elektromos ellenállás:** <10<sup>9</sup> Ω

**Falvastagság:** 0,7 mm

**Kivitel:** DIN 26057 Type 2

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

| Belső Ø<br>(mm) | Külső Ø<br>(mm) | Vákuum<br>(bar) | Hajlítási sugár<br>(mm) | Nyomás 20°C-<br>on (bar) | Súly<br>(kg/m) | Norres<br>típuszám | Cikkszám |
|-----------------|-----------------|-----------------|-------------------------|--------------------------|----------------|--------------------|----------|
| 40              | 47              | -0,47           | 32                      | 1,55                     | 0,33           | 350-0040-3030      | 228055   |
| 50/51           | 57              | -0,38           | 38                      | 1,25                     | 0,40           | 350-0050-3030      | 228056   |
| 60              | 67              | -0,31           | 44                      | 1,05                     | 0,48           | 350-0060-3030      | 228057   |
| 70              | 77              | -0,18           | 50                      | 0,90                     | 0,56           | 350-0070-3030      | 228058   |
| 75/76           | 82              | -0,17           | 53                      | 0,84                     | 0,59           | 350-0075-3030      | 228059   |
| 80              | 87              | -0,16           | 56                      | 0,79                     | 0,64           | 350-0080-3030      | 228060   |
| 100/102         | 107             | -0,13           | 68                      | 0,63                     | 0,80           | 350-0100-3030      | 228061   |
| 120             | 127             | -0,11           | 80                      | 0,53                     | 0,95           | 350-0120-3030      | 228062   |
| 125/127         | 132             | -0,11           | 83                      | 0,51                     | 0,98           | 350-0125-3030      | 228053   |
| 140             | 147             | -0,09           | 92                      | 0,45                     | 1,09           | 350-0140-3030      | 228063   |
| 150/152         | 157             | -0,07           | 98                      | 0,42                     | 1,40           | 350-0150-3030      | 228064   |
| 160             | 167             | -0,07           | 104                     | 0,40                     | 1,50           | 350-0160-3030      | 228065   |
| 200/203         | 207             | -0,05           | 128                     | 0,32                     | 1,86           | 350-0200-3030      | 228066   |
| 250             | 257             | -0,04           | 158                     | 0,25                     | 2,31           | 350-0250-3030      | 228054   |



TRIÁSZ-TÖMLŐ KFT.

