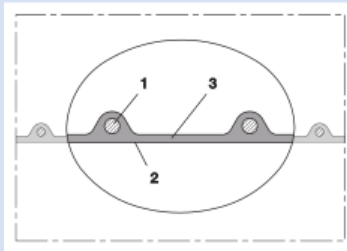
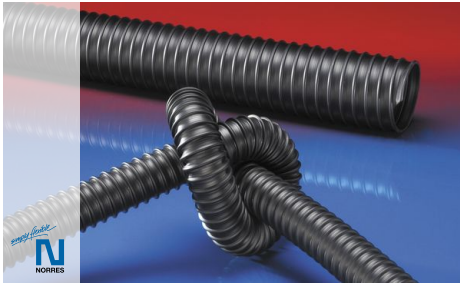


# AIRDUC® PUR 350 AS BLACK (MD)



Antistatic polyurethane hose, medium-heavy, black

## 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

## Temperature Range

- 40°C to 90°C

- short time to 125°C

## Design

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

## Delivery variants

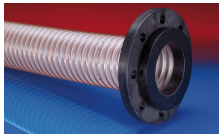
- further diameters and lengths available on request
- black (standard)
- special colours: full coloured
- customer-specific branding

| I.D.<br>(in / mm) | outer Ø<br>(mm) | Pressure<br>DIN 26057<br>(50% Elongation)<br>(bar) | Vacuum<br>DIN 26057<br>(axially fixed)<br>(bar) | Bending<br>Radius<br>(mm) | Weight<br>(kg/m) | Dimensions<br>in Stock<br>(m) | Order No.     |
|-------------------|-----------------|--|---|---------------------------|------------------|-------------------------------|---------------|
| - / 40            | 47.00           | 1,555 (3,46)                                       | 0,470 (1,00)                                    | 32.00                     | 0.33             | 10                            | 350-0040-3030 |
| 2 / 50-51         | 57.00           | 1,250 (2,78)                                       | 0,380 (1,00)                                    | 38.00                     | 0.40             | 10                            | 350-0050-3030 |
| 2,36 / 60         | 67.00           | 1,050 (2,33)                                       | 0,315 (0,83)                                    | 44.00                     | 0.48             | 10                            | 350-0060-3030 |
| - / 70            | 77.00           | 0,900 (2,00)                                       | 0,185 (0,83)                                    | 50.00                     | 0.56             | 10                            | 350-0070-3030 |
| 3 / 75-76         | 82.00           | 0,840 (1,87)                                       | 0,175 (0,72)                                    | 53.00                     | 0.59             | 10                            | 350-0075-3030 |
| - / 80            | 87.00           | 0,790 (1,75)                                       | 0,160 (0,64)                                    | 56.00                     | 0.64             | 10                            | 350-0080-3030 |
| 4 / 100-102       | 107.00          | 0,635 (1,41)                                       | 0,135 (0,66)                                    | 68.00                     | 0.80             | 10                            | 350-0100-3030 |
| 4,72 / 120        | 127.00          | 0,530 (1,17)                                       | 0,115 (0,46)                                    | 80.00                     | 0.95             | 10                            | 350-0120-3030 |
| 5 / 125-127       | 132.00          | 0,510 (1,13)                                       | 0,110 (0,42)                                    | 83.00                     | 0.98             | 10                            | 350-0125-3030 |
| 5,5 / 140         | 147.00          | 0,455 (1,01)                                       | 0,095 (0,33)                                    | 92.00                     | 1.09             | 10                            | 350-0140-3030 |
| 6 / 150-152       | 157.00          | 0,425 (0,94)                                       | 0,075 (0,36)                                    | 98.00                     | 1.40             | 10                            | 350-0150-3030 |
| 6,3 / 160         | 167.00          | 0,400 (0,88)                                       | 0,070 (0,31)                                    | 104.00                    | 1.50             | 10                            | 350-0160-3030 |
| 8 / 200-203       | 207.00          | 0,320 (0,71)                                       | 0,055 (0,19)                                    | 128.00                    | 1.86             | 10                            | 350-0200-3030 |
| - / 250           | 257.00          | 0,255 (0,57)                                       | 0,045 (0,12)                                    | 158.00                    | 2.31             | 10                            | 350-0250-3030 |

Overpressure and underpressure are recommended threshold operating values, products can be subjected to higher loads upon request. The bending radius is measured through the inside of the hose arch. The right to make technical modifications is reserved. All values determined at 20°C and are approx. data. Additional information at [www.norres.com/en/technology/](http://www.norres.com/en/technology/).

# AIRDUC® PUR 350 AS BLACK (MD)

## Accessories



CONNECT 244



CONNECT 246 AS



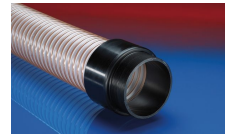
CONNECT 223



CONNECT 243



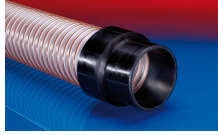
CONNECT 270-271



CONNECT 242



CONNECT THREAD FITTING 234



CONNECT 240 + 241 AS



CONNECT ASEPTIC FITTING 249



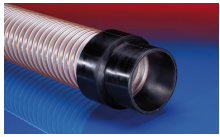
CONNECT MOULD ASSEMBLY 233



CLAMP 212



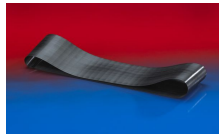
CLAMP 210 BRIDGE CLAMP



CONNECT 240 EC



CONNECT DAIRY FITTING 247



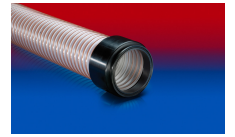
CONNECT 228



CONNECT TRI-CLAMP FITTING 245



CLAMP 213



CONNECT 245



CLAMP 217

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