



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
- animal stall, animal shed: barn ventilation
- clean room ventilation, semiconductor production machine
- surface preparation: shot blasting/ sand blasting recovery e.g. at blasting chamber, ship yard, stripping machine, flooring preparation machine, grinding machine
- heating hose: exterior hose as protection hose

## Properties

- medium-heavy duty
- highly abrasion resistant
- good resistance to oil, gasoline and chemicals
- very good low temperature flexibility
- permanently antistatic wall: in accordance with ISO 8031 electrical and surface resistance  $<10^9 \Omega$  and in accordance with TRGS 727  $<2,5 * 10^9 \Omega$
- 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), 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

## Temperature Range

- 40°C to 90°C
- short time to 125°C

## Design, Material

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. in / mm	O.D. mm	Pressure DIN 26057 (50% Elongation) bar	Vacuum DIN 26057 (axially fixed) bar	Bending Radius mm	Weight kg/m	Dimensions in Stock m	Order No.
- / 40	47	1,555 (3,46)	0,470 (1,00)	32	0,330	10	350-0040-3030
2 / 50-51	57	1,250 (2,78)	0,380 (1,00)	38	0,400	10	350-0050-3030
2,36 / 60	67	1,050 (2,33)	0,315 (0,83)	44	0,480	10	350-0060-3030
- / 70	77	0,900 (2,00)	0,185 (0,83)	50	0,560	10	350-0070-3030
3 / 75-76	82	0,840 (1,87)	0,175 (0,72)	53	0,590	10	350-0075-3030
- / 80	87	0,790 (1,75)	0,160 (0,64)	56	0,640	10	350-0080-3030
4 / 100-102	107	0,635 (1,41)	0,135 (0,66)	68	0,800	10	350-0100-3030
4,72 / 120	127	0,530 (1,17)	0,115 (0,46)	80	0,950	10	350-0120-3030
5 / 125-127	132	0,510 (1,13)	0,110 (0,42)	83	0,980	10	350-0125-3030
5,5 / 140	147	0,455 (1,01)	0,095 (0,33)	92	1,090	10	350-0140-3030
6 / 150-152	157	0,425 (0,94)	0,075 (0,36)	98	1,400	10	350-0150-3030
6,3 / 160	167	0,400 (0,88)	0,070 (0,31)	104	1,500	10	350-0160-3030
8 / 200-203	207	0,320 (0,71)	0,055 (0,19)	128	1,860	10	350-0200-3030
- / 250	257	0,255 (0,57)	0,045 (0,12)	158	2,310	10	350-0250-3030
- / 300	307	0,215 (0,47)	0,035 (0,08)	188	2,770	10	350-0300-3030

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 technical data at [www.norres.com/en/technology/](http://www.norres.com/en/technology/)

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. Additional technical data at [www.norres.com](http://www.norres.com). The right to make technical modifications is reserved. All values determined at 20°C and are approx. data.



Accessories



CLAMP 212



CLAMP 210 BRIDGE CLAMP



CLAMP 217



CLAMP 213



CONNECT 228



CONNECT MOULD ASSEMBLY 233



CONNECT THREAD FITTING 234



CONNECT TRI-CLAMP FITTING 245



CONNECT DAIRY FITTING 247



CONNECT ASEPTIC FITTING 249



CONNECT 240 + 241



CONNECT 240 EC



CONNECT 242



CONNECT 243



CONNECT 244



CONNECT 245



CONNECT 246



CONNECT 223



CONNECT 270-271

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. Additional technical data at [www.norres.com](http://www.norres.com). The right to make technical modifications is reserved. All values determined at 20°C and are approx. data.