

## Electrically conductive polyurethane hose, heavy

### Applications

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

### Properties

- heavy duty
- highly abrasion resistant

- increased pressure and vacuum resistance
- 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 3
- conforms to RoHS guideline
- REACH according to --> Technology / Technical Information / REACH

### Temperature Range

- 40 °C to 90 °C

### Design

- AIRDUC® profile hose
- spring steel wire firmly embedded in wall
- wall: electrically conductive premium ester-polyurethane (Pre-PUR®)
- wall thickness 1,4 - 1,5 mm approx.

### Delivery variants

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

I.D. (in / mm)	outer Ø (mm)	Pressure DIN 26057 (50% Elongation) (bar)	Vacuum DIN 26057 (axially fixed) (bar)	Bending Radius (mm)	Weight (kg/m)	Minimum Quantity (m)	Order No.
black + blue							
- / 40	50.00	1,880 (3,03)	0,490 (1,00)	30.00	0.57	150	355-0040-3996
black + red							
- / 40	50.00	1,880 (3,03)	0,490 (1,00)	30.00	0.57	150	355-0040-3999

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/).

## Accessories

CONNECT 240 + 241  
AS



CONNECT 228



CONNECT PRESS  
ASSEMBLY 232



CONNECT 246 AS



CONNECT MOULD  
ASSEMBLY 233



CONNECT 240 EC



CLAMP 212



CONNECT 270-271



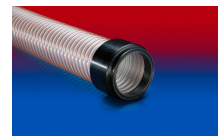
CONNECT 223



CLAMP 213



CONNECT SAFETY  
CLAMP ASSEMBLY  
231



CONNECT 245



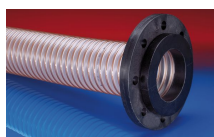
CLAMP 216



CLAMP 217



CONNECT THREAD  
FITTING 234



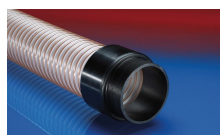
CONNECT 244



CLAMP 212 EC



CONNECT 243



CONNECT 242