

PVC hose, heavy

Applications

- flexible hose/ ducting for gases and for dust, powder, fibres
- extraction unit, dedusting system, filter system, oil mist extraction
- galvanic extraction

Properties

- heavy duty
- increased pressure and vacuum resistance
- good resistance to alkalis and acids

- good resistance to chemicals
- flame-retardant according to: UL94-HB
- phthalate-free
- conforms to RoHS guideline
- REACH according to --> Technology / Technical Information / REACH

Temperature Range

- 20°C to 70°C
- short time to 80°C

Design

- AIRDUC® profile hose
- spring steel wire firmly embedded in wall
- wall: high grade soft PVC
- wall thickness 1,4 - 1,5 mm approx.

Delivery variants

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

| I.D. | outer Ø | Pressure | Vacuum | Bending Radius | Weight | Dimensions in Stock | Production Lengths | Order No. |
|---------------|---------|----------|--------|----------------|--------|---------------------|--------------------|---------------|
| (in / mm) | (mm) | (bar) | (bar) | (mm) | (kg/m) | (m) | (m) | |
| - / 20 | 28.00 | 2,665 | 1,000 | 18.00 | 0.28 | 10 | 15 | 345-0020-0000 |
| 1 / 25 | 33.00 | 2,330 | 1,000 | 21.00 | 0.33 | 10 | 15 | 345-0025-0000 |
| - / 30 | 40.00 | 1,970 | 0,970 | 25.00 | 0.45 | 10 | - | 345-0030-0000 |
| 1,25 / 32 | 42.00 | 1,860 | 0,910 | 26.00 | 0.47 | 10 | 15 | 345-0032-0000 |
| 1,36 / 35 | 45.00 | 1,710 | 0,830 | 28.00 | 0.51 | - | 10 15 | 345-0035-0000 |
| 1,5 / 38 | 48.00 | 1,585 | 0,765 | 29.00 | 0.55 | - | 10 | 345-0038-0000 |
| - / 40 | 50.00 | 1,510 | 0,725 | 30.00 | 0.57 | 10 | 15 | 345-0040-0000 |
| - / 42 | 52.00 | 1,365 | 0,860 | 31.00 | 0.60 | 10 | 15 | 345-0042-0000 |
| 2 / 50-51 | 60.00 | 1,220 | 0,840 | 35.00 | 0.70 | 10 15 | - | 345-0050-0000 |
| 2,36 / 60 | 70.00 | 1,025 | 0,485 | 40.00 | 0.83 | 10 | 15 | 345-0060-0000 |
| 2,5 / 63-65 | 75.00 | 0,950 | 0,450 | 43.00 | 0.89 | 10 | 15 | 345-0065-0000 |
| - / 70 | 82.00 | 0,885 | 0,380 | 63.00 | 1.06 | 10 | - | 345-0070-0000 |
| 3 / 75-76 | 87.00 | 0,830 | 0,330 | 67.00 | 1.13 | 10 | - | 345-0075-0000 |
| - / 80 | 92.00 | 0,780 | 0,310 | 70.00 | 1.20 | 10 | 15 | 345-0080-0000 |
| - / 85 | 97.00 | 0,735 | 0,440 | 74.00 | 1.27 | - | 10 | 345-0085-0000 |
| 3,5 / 89-90 | 102.00 | 0,695 | 0,275 | 77.00 | 1.34 | - | 10 15 | 345-0090-0000 |
| 4 / 100-102 | 112.00 | 0,625 | 0,255 | 84.00 | 1.48 | 10 | 15 | 345-0100-0000 |
| - / 105 | 117.00 | 0,600 | 0,320 | 88.00 | 1.55 | - | 10 | 345-0105-0000 |
| - / 110 | 122.00 | 0,570 | 0,230 | 91.00 | 1.62 | 10 | 15 | 345-0110-0000 |
| 4,5 / 114-115 | 127.00 | 0,545 | 0,220 | 95.00 | 1.68 | - | 10 | 345-0115-0000 |
| 4,72 / 120 | 132.00 | 0,525 | 0,210 | 98.00 | 1.75 | - | 10 | 345-0120-0000 |
| 5 / 125-127 | 137.00 | 0,505 | 0,205 | 102.00 | 1.82 | 10 | - | 345-0125-0000 |
| - / 130 | 142.00 | 0,485 | 0,195 | 105.00 | 1.89 | 10 | - | 345-0130-0000 |
| 5,5 / 140 | 152.00 | 0,450 | 0,180 | 112.00 | 2.03 | 10 | 15 | 345-0140-0000 |
| 6 / 150-152 | 162.00 | 0,420 | 0,170 | 119.00 | 2.33 | 10 | 15 | 345-0150-0000 |
| 6,3 / 160 | 172.00 | 0,395 | 0,160 | 126.00 | 2.48 | - | 10 15 | 345-0160-0000 |
| 7 / 178-180 | 192.00 | 0,350 | 0,140 | 140.00 | 2.78 | - | 10 | 345-0180-0000 |
| 8 / 200-203 | 213.00 | 0,315 | 0,100 | 156.00 | 3.14 | 10 | 15 | 345-0200-0000 |

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/.

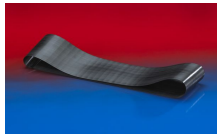


| I.D. | outer Ø | Pressure | Vacuum | Bending Radius | Weight | Dimensions in Stock | Production Lengths | Order No. |
|-----------|---------|----------|--------|----------------|--------|---------------------|--------------------|---------------|
| (in / mm) | (mm) | (bar) | (bar) | (mm) | (kg/m) | (m) | (m) | |
| - / 225 | 238.00 | 0,280 | 0,095 | 174.00 | 3.52 | - | 10 | 345-0225-0000 |
| - / 250 | 263.00 | 0,255 | 0,085 | 191.00 | 3.90 | - | 10 | 345-0250-0000 |
| - / 300 | 313.00 | 0,210 | 0,075 | 226.00 | 4.66 | - | 10 | 345-0300-0000 |
| - / 325 | 338.00 | 0,195 | 0,065 | 244.00 | 5.47 | - | 10 | 345-0325-0000 |
| - / 350 | 363.00 | 0,180 | 0,060 | 261.00 | 5.88 | - | 10 | 345-0350-0000 |

Accessories



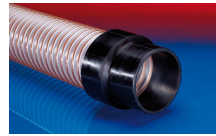
CONNECT 243



CONNECT 228



CLAMP 212



CONNECT 240 + 241
AS



CLAMP 217



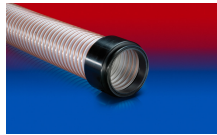
CLAMP 212 EC



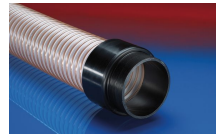
CLAMP 213



CONNECT 270-271



CONNECT 245



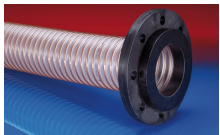
CONNECT 242



CONNECT 246
FOOD



CONNECT 223



CONNECT 244