

PVC hose, light

Applications

- flexible hose/ ducting for gases and for dust, powder, fibres
- extraction unit, dedusting system, filter system, oil mist extraction
- galvanic extraction
- chemical industry: chemical vapours, vapour return hose at loading arm, paint steam, spray mist extraction
- X-ray machine: cable protection conduit (special type on request)
- heating hose: exterior hose as protection hose

Properties

- light weight

- highly flexible + compressible 3:1
- 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

- PROTAPE® tape hose
- spring steel wire integrated in wall
- wall: high grade soft PVC
- wall thickness 0,5 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) | |
| - / 30 | 37.00 | 0,930 | 0,200 | 22.00 | 0.24 | - | 5 10 | 310-0030-0000 |
| 1,25 / 32 | 39.00 | 0,875 | 0,200 | 23.00 | 0.26 | - | 5 10 | 310-0032-0000 |
| 1,5 / 38 | 45.00 | 0,740 | 0,185 | 26.00 | 0.30 | - | 5 10 | 310-0038-0000 |
| - / 40 | 47.00 | 0,705 | 0,180 | 27.00 | 0.32 | 10 | 5 15 | 310-0040-0000 |
| 2 / 50-51 | 58.00 | 0,410 | 0,155 | 33.00 | 0.31 | 5 10 | 15 | 310-0050-0000 |
| - / 55 | 63.00 | 0,370 | 0,140 | 36.00 | 0.33 | - | 5 10 | 310-0055-0000 |
| 2,36 / 60 | 68.00 | 0,340 | 0,120 | 38.00 | 0.36 | 10 | 5 15 | 310-0060-0000 |
| 2,5 / 63-65 | 73.00 | 0,315 | 0,105 | 41.00 | 0.39 | 10 | 5 15 | 310-0065-0000 |
| - / 70 | 78.00 | 0,295 | 0,090 | 43.00 | 0.42 | 10 | 5 | 310-0070-0000 |
| 3 / 75-76 | 83.00 | 0,275 | 0,085 | 46.00 | 0.45 | 10 | 5 15 | 310-0075-0000 |
| - / 80 | 88.00 | 0,255 | 0,075 | 48.00 | 0.47 | 10 | 5 15 | 310-0080-0000 |
| 3,5 / 89-90 | 98.00 | 0,230 | 0,065 | 53.00 | 0.53 | 10 | 5 15 | 310-0090-0000 |
| 4 / 100-102 | 108.00 | 0,205 | 0,050 | 58.00 | 0.57 | 5 10 | 15 | 310-0100-0000 |
| - / 110 | 118.00 | 0,185 | 0,045 | 63.00 | 0.62 | 10 | 5 15 | 310-0110-0000 |
| 4,5 / 114-115 | 123.00 | 0,180 | 0,045 | 66.00 | 0.65 | - | 5 10 | 310-0115-0000 |
| 4,72 / 120 | 128.00 | 0,170 | 0,045 | 68.00 | 0.68 | 10 | 5 | 310-0120-0000 |
| 5 / 125-127 | 133.00 | 0,165 | 0,035 | 71.00 | 0.71 | 5 10 | 15 | 310-0125-0000 |
| - / 130 | 138.00 | 0,160 | 0,035 | 73.00 | 0.73 | 10 | 5 15 | 310-0130-0000 |
| 5,5 / 140 | 148.00 | 0,145 | 0,035 | 78.00 | 0.79 | 10 | 5 15 | 310-0140-0000 |
| 6 / 150-152 | 158.00 | 0,135 | 0,035 | 83.00 | 0.84 | 10 | 5 15 | 310-0150-0000 |
| 6,3 / 160 | 168.00 | 0,130 | 0,030 | 88.00 | 0.87 | 5 10 | 15 | 310-0160-0000 |
| 7 / 178-180 | 188.00 | 0,115 | 0,025 | 98.00 | 1.00 | 10 | 5 15 | 310-0180-0000 |
| 8 / 200-203 | 208.00 | 0,105 | 0,025 | 108.00 | 1.11 | 5 10 | 15 | 310-0200-0000 |
| - / 225 | 233.00 | 0,090 | 0,015 | 121.00 | 1.25 | - | 5 10 15 | 310-0225-0000 |
| - / 250 | 258.00 | 0,085 | 0,010 | 133.00 | 1.39 | 10 | 5 | 310-0250-0000 |

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/.

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|-----------|---------|----------|--------|----------------|--------|---------------------|--------------------|---------------|
| (in / mm) | (mm) | (bar) | (bar) | (mm) | (kg/m) | (m) | (m) | |
| - / 300 | 309.00 | 0,070 | 0,010 | 159.00 | 1.95 | 10 | 5 | 310-0300-0000 |

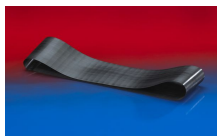
Sondertyp DB.P1: größere Steigung, höhere Stauchbarkeit, 0.4mm Wandstärke, weniger Gewicht, Lagerware nur in Italien

| | | | | | | | | |
|-------------|--------|-------|-------|--------|------|---|-----------|---------------|
| - / 30 | 35.00 | 0,850 | 0,140 | 18.00 | 0.14 | - | 10 15 20 | 310-0030-2025 |
| - / 40 | 45.00 | 0,645 | 0,105 | 24.00 | 0.18 | - | 10 15 20 | 310-0040-2025 |
| 2 / 50-51 | 56.00 | 0,515 | 0,086 | 30.00 | 0.23 | - | 10 15 20 | 310-0050-2025 |
| 2,36 / 60 | 65.00 | 0,430 | 0,072 | 36.00 | 0.27 | - | 10 15 20 | 310-0060-2025 |
| - / 70 | 75.00 | 0,370 | 0,060 | 42.00 | 0.32 | - | 10 15 20 | 310-0070-2025 |
| 3 / 75-76 | 81.00 | 0,345 | 0,060 | 45.00 | 0.34 | - | 10 15 20 | 310-0075-2025 |
| - / 80 | 85.00 | 0,325 | 0,055 | 48.00 | 0.36 | - | 10 15 20 | 310-0080-2025 |
| 3,5 / 89-90 | 95.00 | 0,290 | 0,050 | 53.00 | 0.40 | - | 10 15 20 | 310-0090-2025 |
| 4 / 100-102 | 108.00 | 0,260 | 0,045 | 60.00 | 0.38 | - | 10 15 20 | 310-0100-2025 |
| - / 110 | 117.00 | 0,240 | 0,040 | 66.00 | 0.41 | - | 10 15 20 | 310-0110-2025 |
| 4,72 / 120 | 127.00 | 0,220 | 0,035 | 72.00 | 0.45 | - | 10 15 20 | 310-0120-2025 |
| 5 / 125-127 | 132.00 | 0,220 | 0,035 | 75.00 | 0.47 | - | 10 15 20 | 310-0125-2025 |
| - / 130 | 137.00 | 0,200 | 0,033 | 78.00 | 0.49 | - | 5 6 15 20 | 310-0130-2025 |
| 5,5 / 140 | 147.00 | 0,185 | 0,030 | 84.00 | 0.52 | - | 10 15 20 | 310-0140-2025 |
| 6 / 150-152 | 156.00 | 0,175 | 0,030 | 90.00 | 0.56 | - | 10 15 20 | 310-0150-2025 |
| 6,3 / 160 | 167.00 | 0,165 | 0,030 | 96.00 | 0.60 | - | 10 15 20 | 310-0160-2025 |
| 7 / 178-180 | 186.00 | 0,145 | 0,025 | 107.00 | 0.67 | - | 10 15 20 | 310-0180-2025 |
| 8 / 200-203 | 210.00 | 0,130 | 0,022 | 120.00 | 0.72 | - | 10 15 20 | 310-0200-2025 |
| - / 225 | 234.00 | 0,115 | 0,019 | 135.00 | 0.81 | - | 10 15 20 | 310-0225-2025 |
| - / 250 | 259.00 | 0,105 | 0,018 | 150.00 | 0.90 | - | 10 15 20 | 310-0250-2025 |
| - / 275 | 284.00 | 0,095 | 0,016 | 165.00 | 1.00 | - | 10 15 20 | 310-0275-2025 |
| - / 300 | 309.00 | 0,090 | 0,015 | 180.00 | 1.08 | - | 10 15 20 | 310-0300-2025 |
| - / 350 | 360.00 | 0,075 | 0,012 | 210.00 | 1.36 | - | 10 | 310-0350-2025 |
| - / 400 | 410.00 | 0,065 | 0,011 | 240.00 | 1.50 | - | 10 | 310-0400-2025 |
| - / 450 | 460.00 | 0,060 | 0,010 | 270.00 | 1.82 | - | 10 | 310-0450-2025 |
| - / 500 | 510.00 | 0,050 | 0,009 | 300.00 | 2.02 | - | 10 | 310-0500-2025 |

Accessories



CONNECT 223



CONNECT 228



CLAMP 213



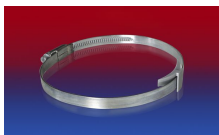
CLAMP 212



CONNECT 270-271



CLAMP 217



CLAMP 210 BRIDGE
CLAMP

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