



High-temperature suction and blast hose; TEFLON® , double-layer, super-light + compressible, Ø up to 1000 mm (to +250°C)

Applications

- for the chemical industry
- for aggressive solids such as dust, powder and fibres
- for aggressive gaseous media such as vapors and smoke
- for de-dusting and suction plants
- as bellows and compensator

Properties

- double-layer
- very good heat resistance
- highly flexible + compressible 4:1
- abrasion protection via external Clamp profile

- firm clamping of the wall in Clamp profile
- anti-adhesive
- good resistance to alkalis and acids
- extremely good resistance to chemicals
- good resistance to UV and ozone
- small bending radiuses
- kink-proof
- light weight
- conform to RoHS guideline

Temperature Range

- -150 °C to +250 °C
- short time to +270 °C

Design, material

CP construction

1. Clamp profile supporting spiral: all-stainless steel (INOX)
2. double-layer wall; wall: interior PTFE foil, exterior special-coated glass fabric

Delivery variants

- cut lengths and special lengths
- Further diameters and lengths available on request
- customized designs with special Clamp profile supporting spiral pitch and wall materials

| I.D. mm | O.D. mm | Over-pressure bar | Under-pressure bar | Bending Radius mm | Weight kg/m | Dimensions in Stock m | Further Production Lengths m | Order No. |
|---------|---------|-------------------|--------------------|-------------------|-------------|-----------------------|------------------------------|---------------|
| 50 | 62 | 0,420 | 0,300 | 43 | 0,610 | 6 | - | 471-0050-0000 |
| 55 | 67 | 0,400 | 0,280 | 47 | 0,660 | - | 6 | 471-0055-0000 |
| 60 | 72 | 0,375 | 0,250 | 50 | 0,720 | 6 | - | 471-0060-0000 |
| 65 | 77 | 0,360 | 0,230 | 54 | 0,770 | - | 6 | 471-0065-0000 |
| 70 | 82 | 0,340 | 0,210 | 57 | 0,830 | - | 6 | 471-0070-0000 |
| 75 | 87 | 0,330 | 0,180 | 61 | 0,880 | 6 | - | 471-0075-0000 |
| 80 | 92 | 0,315 | 0,160 | 64 | 0,940 | 6 | - | 471-0080-0000 |
| 90 | 102 | 0,290 | 0,110 | 71 | 1,050 | 6 | - | 471-0090-0000 |
| 100 | 112 | 0,190 | 0,100 | 78 | 0,860 | 6 | - | 471-0100-0000 |
| 110 | 122 | 0,180 | 0,085 | 85 | 0,950 | 3 6 | - | 471-0110-0000 |
| 115 | 127 | 0,175 | 0,080 | 88 | 0,990 | 3 6 | - | 471-0115-0000 |
| 120 | 132 | 0,170 | 0,075 | 92 | 1,030 | 3 6 | - | 471-0120-0000 |
| 125 | 137 | 0,165 | 0,070 | 96 | 1,070 | 3 6 | - | 471-0125-0000 |
| 130 | 142 | 0,160 | 0,060 | 99 | 1,110 | - | 3 6 | 471-0130-0000 |
| 140 | 152 | 0,155 | 0,050 | 106 | 1,190 | 3 6 | - | 471-0140-0000 |
| 150 | 162 | 0,105 | 0,040 | 113 | 0,860 | 3 6 | - | 471-0150-0000 |
| 160 | 172 | 0,100 | 0,035 | 120 | 0,910 | 3 6 | - | 471-0160-0000 |
| 170 | 182 | 0,095 | 0,030 | 127 | 0,970 | 3 6 | - | 471-0170-0000 |
| 175 | 187 | 0,095 | 0,030 | 131 | 0,990 | - | 3 6 | 471-0175-0000 |
| 180 | 192 | 0,090 | 0,030 | 134 | 1,020 | - | 3 6 | 471-0180-0000 |
| 200 | 212 | 0,085 | 0,025 | 148 | 1,130 | 3 6 | - | 471-0200-0000 |
| 215 | 227 | 0,080 | 0,020 | 159 | 1,210 | - | 3 6 | 471-0215-0000 |
| 225 | 237 | 0,080 | 0,020 | 166 | 1,270 | 3 6 | - | 471-0225-0000 |
| 250 | 262 | 0,060 | 0,020 | 183 | 1,400 | 3 6 | - | 471-0250-0000 |
| 275 | 287 | 0,055 | 0,015 | 201 | 1,540 | - | 3 6 | 471-0275-0000 |
| 300 | 312 | 0,050 | 0,010 | 218 | 1,680 | 3 6 | - | 471-0300-0000 |
| 315 | 327 | 0,050 | 0,010 | 228 | 1,780 | - | 3 6 | 471-0315-0000 |
| 325 | 337 | 0,045 | 0,010 | 236 | 1,850 | - | 3 6 | 471-0325-0000 |

Overpressure and underpressure are recommended threshold operating values, products can be subjected to higher loads upon request. The bending radius is measured in the middle of the hose. Additional technical data at www.norres.com. The right to make technical modifications is reserved. All values determined at 20°C and are approx. data.

| I.D. mm | O.D. mm | Over- pressure bar | Under- pressure bar | Bending Radius mm | Weight kg/m | Dimensions in Stock m | Further Production Lengths m | Order No. |
|------------|------------|--------------------------|---------------------------|-------------------------|----------------|-----------------------------|---------------------------------------|---------------|
| 350 | 362 | 0,040 | 0,010 | 253 | 1,950 | 3 6 | - | 471-0350-0000 |
| 375 | 387 | 0,040 | 0,010 | 270 | 2,130 | - | 3 6 | 471-0375-0000 |
| 400 | 412 | 0,035 | 0,010 | 288 | 2,230 | 3 6 | - | 471-0400-0000 |
| 450 | 462 | 0,030 | 0,005 | 323 | 2,500 | 3 6 | - | 471-0450-0000 |
| 500 | 512 | 0,020 | 0,005 | 358 | 2,770 | 3 6 | - | 471-0500-0000 |
| 600 | 612 | 0,020 | 0,005 | 428 | 3,320 | - | 3 | 471-0600-0000 |
| 700 | 712 | 0,015 | 0,002 | 498 | 3,870 | - | 3 | 471-0700-0000 |
| 750 | 762 | 0,015 | 0,001 | 533 | 4,150 | 3 | - | 471-0750-0000 |
| 800 | 812 | 0,015 | 0,001 | 568 | 4,420 | - | 3 | 471-0800-0000 |
| 900 | 912 | 0,015 | 0,001 | 638 | 5,070 | - | 3 | 471-0900-0000 |
| 1000 | 1012 | 0,010 | 0,001 | 708 | 5,510 | 3 | - | 471-1000-0000 |

TEFLON® is a registered trademark of DuPont.

Other diameters and lengths available on request. All values indicated here are approximate figures based on a temperature of 20 °C. Data subject to change without notice. Please also refer to our Technical Appendix on www.norres.com.

Accessoires



CLAMP 212



CLAMP 217



CLAMP 213



CONNECT 270-271

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