

High-temperature hose, clamp profile hose (clip hose), double-layer (up to +700 °C)

Applications

- flexible hose/ ducting for hot and cold gases
- vehicle gas exhaust system, car gas extraction: hose reel, slotted floor channel, underfloor extraction system
- engine test bench, exhaust gas measurement
- high temperature extraction: oven, foundry, furnace, smelting, ceramics industry, glass industry, steel plant, aluminium mill
- bellows, compensators

Properties

- very good resistance to flying sparks and welding sparks
- abrasion protection via external clamp profile
- secure clamping of the wall within the clamp profile
- very good heat resistance
- conforms to RoHS guideline
- REACH according to --> Technology / Technical Information / REACH

Temperature Range

- 60 °C to 600 °C
- short time to 700 °C

Design

- CP construction
- clamp profile supporting spiral: all-stainless steel (INOX)
- double-layer wall
- wall: stainless steel wire reinforced and special coated glass fabric

Delivery variants

- further diameters and lengths available on request

| I.D. | outer Ø | Vacuum | Bending Radius | Weight | Dimensions in Stock | Order No. |
|---------------|---------|--------|----------------|--------|---------------------|---------------|
| (in / mm) | (mm) | (bar) | (mm) | (kg/m) | (m) | |
| 3 / 75-76 | 89.00 | 0,290 | 43.00 | 1.85 | 6 | 481-0075-0000 |
| - / 80 | 94.00 | 0,250 | 45.00 | 1.93 | 6 | 481-0080-0000 |
| 3,5 / 89-90 | 104.00 | 0,180 | 49.00 | 2.19 | 6 | 481-0090-0000 |
| 4 / 100-102 | 114.00 | 0,150 | 53.00 | 2.10 | 6 | 481-0100-0000 |
| - / 110 | 124.00 | 0,130 | 57.00 | 2.30 | 3 6 | 481-0110-0000 |
| 4,5 / 114-115 | 129.00 | 0,120 | 59.00 | 1.82 | 3 6 | 481-0115-0000 |
| 4,72 / 120 | 134.00 | 0,110 | 61.00 | 2.50 | 3 6 | 481-0120-0000 |
| 5 / 125-127 | 139.00 | 0,100 | 63.00 | 2.60 | 3 6 | 481-0125-0000 |
| - / 130 | 144.00 | 0,095 | 65.00 | 2.69 | 3 6 | 481-0130-0000 |
| 5,5 / 140 | 154.00 | 0,075 | 69.00 | 2.89 | 3 6 | 481-0140-0000 |
| 6 / 150-152 | 164.00 | 0,060 | 73.00 | 2.11 | 3 6 | 481-0150-0000 |
| 6,3 / 160 | 174.00 | 0,055 | 77.00 | 2.25 | 3 6 | 481-0160-0000 |
| 6,5 / 165 | 179.00 | 0,050 | 79.00 | 2.32 | 3 6 | 481-0165-0000 |
| - / 170 | 184.00 | 0,050 | 81.00 | 2.38 | 3 6 | 481-0170-0000 |
| - / 175 | 189.00 | 0,050 | 83.00 | 2.45 | 3 6 | 481-0175-0000 |
| 7 / 178-180 | 194.00 | 0,050 | 85.00 | 2.52 | 3 6 | 481-0180-0000 |
| 8 / 200-203 | 214.00 | 0,040 | 93.00 | 2.79 | 3 6 | 481-0200-0000 |
| - / 225 | 239.00 | 0,030 | 103.00 | 3.13 | 3 6 | 481-0225-0000 |
| - / 250 | 264.00 | 0,030 | 113.00 | 3.47 | 3 6 | 481-0250-0000 |
| 10 / 254 | 268.00 | 0,025 | 115.00 | 3.53 | 3 6 | 481-0254-0000 |
| - / 275 | 289.00 | 0,025 | 123.00 | 3.81 | 3 6 | 481-0275-0000 |
| 11 / 280 | 294.00 | 0,020 | 125.00 | 3.88 | 3 6 | 481-0280-0000 |
| - / 300 | 314.00 | 0,020 | 133.00 | 4.14 | 3 6 | 481-0300-0000 |
| - / 350 | 364.00 | 0,015 | 153.00 | 4.82 | 3 6 | 481-0350-0000 |
| - / 400 | 414.00 | 0,015 | 173.00 | 5.50 | 3 6 | 481-0400-0000 |

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) | (mm) | (kg/m) | (m) | |
| 16 / 405-406 | 420.00 | 0,010 | 176.00 | 5.58 | 3 6 | 481-0406-0000 |
| - / 450 | 464.00 | 0,010 | 193.00 | 6.17 | 3 6 | 481-0450-0000 |
| - / 500 | 514.00 | 0,005 | 213.00 | 6.85 | 3 6 | 481-0500-0000 |
| - / 600 | 614.00 | 0,005 | 253.00 | 8.21 | 3 | 481-0600-0000 |
| 24 / 610 | 624.00 | 0,005 | 257.00 | 8.35 | 3 | 481-0610-0000 |
| 28 / 712 | 726.00 | 0,005 | 298.00 | 9.73 | 3 | 481-0712-0000 |
| - / 800 | 814.00 | 0,002 | 333.00 | 10.91 | 3 | 481-0800-0000 |

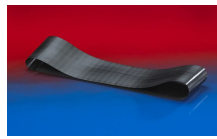
Accessories



CONNECT 270-271



CLAMP 217



CONNECT 228



CLAMP 213



CLAMP 212

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