



Clamp profile hose (clip hose), food hose and pharmaceutical hose, highly chemical resistant (up to +270°C)

Applications

- flexible hose/ ducting for hot and cold gases and for dust, powder, fibres
- mixer, dryer, packaging machine, bulk-bag (big bag)-charging and discharging, mill
- extraction arm
- chemical industry: chemical vapours, vapour return hose at loading arm, paint steam, spray mist extraction
- paper mill, paper and pulp industry: waste water, air extraction

Properties

- abrasion protection via external clamp profile
- secure clamping of the wall within the clamp profile
- highly flexible + compressible 4:1

- very good heat resistance
- Inside layer food quality complies with: EU-Directive 10/2011 and EC 1935/2004
- food grade wall, complies with: FDA 21 CFR 177.1550, German guideline XV BfR
- odourless and tasteless
- anti-adhesive
- good resistance to alkalis and acids
- extremely good resistance to chemicals
- manufacturing process acc. GMP EC 2023/2006
- conforms to RoHS guideline
- REACH according to --> Technology / Technical Information / REACH

Temperature Range

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

Design

- CP construction
- clamp profile supporting spiral: all-stainless steel (INOX)
- wall: PTFE coated glass fabric
- TEFLON® is a registered trademark of DuPont.

Delivery variants

- further diameters and lengths available on request
- double-layer

| I.D. | outer Ø | Pressure | Vacuum | Bending Radius | Weight | Dimensions in Stock | Order No. |
|-------------|---------|----------|--------|----------------|--------|---------------------|---------------|
| (in / mm) | (mm) | (bar) | (bar) | (mm) | (kg/m) | (m) | |
| 2 / 50-51 | 62.00 | 0,410 | 0,270 | 18.00 | 0.57 | 6 | 475-0050-0000 |
| - / 55 | 67.00 | 0,390 | 0,250 | 20.00 | 0.62 | 6 | 475-0055-0000 |
| 2,36 / 60 | 72.00 | 0,370 | 0,220 | 20.00 | 0.64 | 6 | 475-0060-0000 |
| 2,5 / 63-65 | 77.00 | 0,355 | 0,200 | 22.00 | 0.72 | 6 | 475-0065-0000 |
| - / 70 | 82.00 | 0,340 | 0,180 | 22.00 | 0.77 | 6 | 475-0070-0000 |
| 3 / 75-76 | 87.00 | 0,325 | 0,160 | 24.00 | 0.82 | 6 | 475-0075-0000 |
| - / 80 | 92.00 | 0,315 | 0,140 | 24.00 | 0.88 | 6 | 475-0080-0000 |
| 3,5 / 89-90 | 102.00 | 0,290 | 0,100 | 26.00 | 0.98 | 6 | 475-0090-0000 |
| 4 / 100-102 | 112.00 | 0,195 | 0,085 | 28.00 | 0.82 | 6 | 475-0100-0000 |
| - / 110 | 122.00 | 0,185 | 0,075 | 30.00 | 0.90 | 3 6 | 475-0110-0000 |
| 4,72 / 120 | 132.00 | 0,175 | 0,065 | 32.00 | 0.98 | 3 6 | 475-0120-0000 |
| 5 / 125-127 | 137.00 | 0,170 | 0,060 | 34.00 | 1.02 | 3 6 | 475-0125-0000 |
| - / 130 | 142.00 | 0,165 | 0,055 | 34.00 | 1.06 | 3 6 | 475-0130-0000 |
| 5,5 / 140 | 152.00 | 0,160 | 0,040 | 36.00 | 1.14 | 3 6 | 475-0140-0000 |
| 6 / 150-152 | 162.00 | 0,110 | 0,035 | 38.00 | 0.76 | 3 6 | 475-0150-0000 |
| 6,3 / 160 | 172.00 | 0,105 | 0,030 | 40.00 | 0.81 | 3 6 | 475-0160-0000 |
| - / 170 | 182.00 | 0,100 | 0,030 | 42.00 | 0.85 | 3 6 | 475-0170-0000 |
| - / 175 | 187.00 | 0,100 | 0,030 | 44.00 | 0.88 | 3 6 | 475-0175-0000 |
| 7 / 178-180 | 192.00 | 0,095 | 0,025 | 44.00 | 0.90 | 3 6 | 475-0180-0000 |
| 8 / 200-203 | 212.00 | 0,090 | 0,020 | 48.00 | 1.00 | 3 6 | 475-0200-0000 |
| - / 225 | 237.00 | 0,085 | 0,020 | 54.00 | 1.12 | 3 6 | 475-0225-0000 |
| - / 250 | 262.00 | 0,065 | 0,015 | 58.00 | 1.24 | 3 6 | 475-0250-0000 |
| - / 275 | 287.00 | 0,060 | 0,015 | 64.00 | 1.36 | 3 6 | 475-0275-0000 |

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 | Order No. |
|-----------|---------|----------|--------|----------------|--------|---------------------|---------------|
| (in / mm) | (mm) | (bar) | (bar) | (mm) | (kg/m) | (m) | |
| - / 300 | 312.00 | 0,055 | 0,010 | 68.00 | 1.48 | 3 6 | 475-0300-0000 |
| 12 / 305 | 317.00 | 0,055 | 0,010 | 69.00 | 1.51 | 3 6 | 475-0305-0000 |
| - / 315 | 327.00 | 0,055 | 0,010 | 71.00 | 1.56 | 3 6 | 475-0315-0000 |
| - / 350 | 362.00 | 0,040 | 0,010 | 78.00 | 1.73 | 3 6 | 475-0350-0000 |
| - / 450 | 462.00 | 0,035 | 0,005 | 98.00 | 2.21 | 3 6 | 475-0450-0000 |
| - / 500 | 512.00 | 0,030 | 0,005 | 108.00 | 2.45 | 3 6 | 475-0500-0000 |
| - / 600 | 612.00 | 0,020 | 0,005 | 128.00 | 2.94 | 3 | 475-0600-0000 |

Accessories



CLAMP 213



CONNECT 270-271



CLAMP 217



CONNECT 228



CLAMP 212