

Electrically conductive clamp profile hose (clip hose), double-layer, highly chemical resistant (up to +270°C)

Applications

- flexible hose/ ducting for hot and cold gases and for dust, powder, fibres
- chemical industry: chemical vapours, vapour return hose at loading arm, paint steam, spray mist extraction
- explosion hazard area

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
- anti-adhesive
- good resistance to alkalis and acids
- surface resistance PTFE film <math><10^6</math>
- extremely good resistance to chemicals
- in accordance with ATEX 2014/34/EU (1999/92/EC) and German TRGS 727: aspiration of combustible dusts (Zone 22 inside), for use in zone 1 and 2 (gases), for use in Zone 0 (gases)
- 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: interior semi-conducting PTFE foil, exterior special-coated glass fabric
- TEFLON® is a registered trademark of DuPont.

Delivery variants

- further diameters and lengths available on request

| 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 | 0,300 | 18.00 | 0.61 | 6 | 471-0050-1003 |
| - / 70 | 82.00 | 0,340 | 0,210 | 22.00 | 0.83 | 6 | 471-0070-1003 |
| 3 / 75-76 | 87.00 | 0,325 | 0,180 | 24.00 | 0.88 | 6 | 471-0075-1003 |
| 4 / 100-102 | 112.00 | 0,195 | 0,100 | 28.00 | 0.86 | 6 | 471-0100-1003 |
| - / 110 | 122.00 | 0,185 | 0,085 | 30.00 | 0.95 | 3 6 | 471-0110-1003 |
| 4,5 / 114-115 | 127.00 | 0,180 | 0,080 | 32.00 | 0.99 | 3 6 | 471-0115-1003 |
| 4,72 / 120 | 132.00 | 0,175 | 0,075 | 32.00 | 1.03 | 3 6 | 471-0120-1003 |
| 6 / 150-152 | 162.00 | 0,110 | 0,040 | 38.00 | 0.86 | 3 6 | 471-0150-1003 |
| 6,3 / 160 | 172.00 | 0,105 | 0,035 | 40.00 | 0.91 | 3 6 | 471-0160-1003 |
| 8 / 200-203 | 212.00 | 0,090 | 0,025 | 48.00 | 1.13 | 3 6 | 471-0200-1003 |
| - / 215 | 227.00 | 0,085 | 0,020 | 52.00 | 1.21 | 3 6 | 471-0215-1003 |
| - / 300 | 312.00 | 0,055 | 0,010 | 68.00 | 1.68 | 3 6 | 471-0300-1003 |

Accessories



CLAMP 212



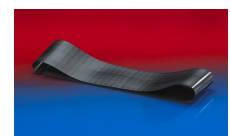
CLAMP 213



CLAMP 217



CONNECT 270-271



CONNECT 228

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/.