



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

Applications

- flexible hose/ ducting for hot and cold gases and for dust, powder, fibres
- extraction arm
- 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
- extremely good resistance to chemicals
- surface resistance PTFE film <math><10^6</math>
- 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)
- REACH according to --> Technology / Technical Information / REACH
- conforms to RoHS guideline

- 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

- black (standard)
- double-layer

Temperature Range

- 150 °C to 250 °C

| 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 | 475-0050-1003 |
| 2,36 / 60 | 72.00 | 0,370 | 0,220 | 20.00 | 0.64 | 6 | 475-0060-1003 |
| 3 / 75-76 | 87.00 | 0,325 | 0,160 | 24.00 | 0.82 | 6 | 475-0075-1003 |
| - / 80 | 92.00 | 0,315 | 0,140 | 24.00 | 0.88 | 6 | 475-0080-1003 |
| 3,5 / 89-90 | 102.00 | 0,290 | 0,100 | 26.00 | 0.98 | 6 | 475-0090-1003 |
| 4 / 100-102 | 112.00 | 0,195 | 0,085 | 28.00 | 0.82 | 6 | 475-0100-1003 |
| - / 110 | 122.00 | 0,185 | 0,075 | 30.00 | 0.90 | 3 6 | 475-0110-1003 |
| 4,5 / 114-115 | 127.00 | 0,180 | 0,070 | 31.00 | 0.94 | 3 6 | 475-0115-1003 |
| 5 / 125-127 | 137.00 | 0,170 | 0,060 | 34.00 | 1.02 | 3 6 | 475-0125-1003 |
| 5,5 / 140 | 152.00 | 0,160 | 0,040 | 36.00 | 1.14 | 3 6 | 475-0140-1003 |
| 6 / 150-152 | 162.00 | 0,110 | 0,035 | 38.00 | 0.76 | 3 6 | 475-0150-1003 |
| 6,3 / 160 | 172.00 | 0,105 | 0,030 | 40.00 | 0.81 | 3 6 | 475-0160-1003 |
| 8 / 200-203 | 212.00 | 0,090 | 0,020 | 48.00 | 1.00 | 3 6 | 475-0200-1003 |
| - / 275 | 287.00 | 0,060 | 0,015 | 64.00 | 1.36 | 3 6 | 475-0275-1003 |
| - / 325 | 337.00 | 0,055 | 0,010 | 74.00 | 1.65 | 3 6 | 475-0325-1003 |

Accessories



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/.

CP PTFE-INOX 475 EC



CONNECT 228

CONNECT 270-271

CLAMP 217

CLAMP 213

CLAMP 212

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