



## Electrically conductive PVC clamp profile hose (clip hose), (to +230 °F)

### Applications

- flexible hose/ ducting for hot and cold gases and for dust, powder, fibers
- welding fume extraction
- extraction arm
- chemical industry: chemical vapors, vapor return hose at loading arm, paint steam, spray mist extraction
- explosion hazard area

### Properties

- fabric reinforced
- abrasion protection via external clamp profile
- secure clamping of the wall within the clamp profile

- highly flexible + compressible
- good resistance to alkalis and acids
- good resistance to chemicals
- surface resistance approximate  $10^6$
- 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

- 15 °F to 175 °F
- short time to 230 °F

### Design

- CP construction
- Clamp profile supporting spiral: galvanised steel
- fabric-reinforced tape
- wall: PVC coated fabric

### Delivery variants

- further diameters and lengths available on request
- black (standard)
- stainless steel (INOX) clamp profile
- double-layer

| I.D.          | outer Ø | Pressure | Vacuum | Bending radius | Weight  | Dimensions in Stock | Order No.     |
|---------------|---------|----------|--------|----------------|---------|---------------------|---------------|
| (in / mm)     | (in)    | (psi)    | (inHG) | (in)           | (lb/ft) | (ft)                |               |
| 2 / 50-51     | 2.441   | 6.817    | 10.040 | 0.787          | 0.437   | 25                  | 465-0050-1003 |
| 2,36 / 60     | 2.835   | 6.237    | 7.383  | 0.866          | 0.504   | -                   | 465-0060-1003 |
| 2,5 / 63-65   | 3.031   | 5.947    | 6.792  | 0.945          | 0.544   | 25                  | 465-0065-1003 |
| 3 / 75-76     | 3.425   | 5.512    | 5.315  | 1.024          | 0.612   | 25                  | 465-0075-1003 |
| - / 80        | 3.622   | 5.366    | 4.725  | 1.024          | 0.652   | -                   | 465-0080-1003 |
| 3,5 / 89-90   | 4.016   | 5.004    | 3.248  | 1.102          | 0.719   | 25                  | 465-0090-1003 |
| 4 / 100-102   | 4.409   | 3.046    | 2.953  | 1.220          | 0.585   | 25                  | 465-0100-1003 |
| - / 110       | 4.803   | 2.901    | 2.510  | 1.299          | 0.638   | -                   | 465-0110-1003 |
| 4,5 / 114-115 | 5.000   | 2.828    | 2.362  | 1.378          | 0.665   | 12.5 25             | 465-0115-1003 |
| 4,72 / 120    | 5.197   | 2.756    | 2.215  | 1.378          | 0.692   | -                   | 465-0120-1003 |
| 5 / 125-127   | 5.394   | 2.683    | 2.067  | 1.457          | 0.706   | 12.5 25             | 465-0125-1003 |
| 6 / 150-152   | 6.378   | 2.031    | 1.181  | 1.614          | 0.565   | 12.5 25             | 465-0150-1003 |
| 6,3 / 160     | 6.772   | 1.958    | 1.034  | 1.693          | 0.598   | -                   | 465-0160-1003 |
| - / 170       | 7.165   | 1.886    | 1.034  | 1.772          | 0.632   | -                   | 465-0170-1003 |
| 7 / 178-180   | 7.559   | 1.813    | 0.886  | 1.850          | 0.665   | 12.5 25             | 465-0180-1003 |
| 8 / 200-203   | 8.346   | 1.523    | 0.738  | 2.008          | 0.571   | 12.5 25             | 465-0200-1003 |
| - / 215       | 8.937   | 1.450    | 0.591  | 2.165          | 0.612   | 12.5 25             | 465-0215-1003 |
| - / 225       | 9.331   | 1.378    | 0.591  | 2.244          | 0.632   | -                   | 465-0225-1003 |
| - / 250       | 10.315  | 1.088    | 0.591  | 2.402          | 0.699   | -                   | 465-0250-1003 |
| 12 / 305      | 12.480  | 0.943    | 0.295  | 2.835          | 0.847   | 12.5 25             | 465-0305-1003 |
| - / 315       | 12.874  | 0.943    | 0.295  | 2.913          | 0.874   | 12.5 25             | 465-0315-1003 |
| 13 / 330      | 13.465  | 0.870    | 0.295  | 3.071          | 0.914   | 12.5 25             | 465-0330-1003 |
| - / 350       | 14.252  | 0.725    | 0.295  | 3.189          | 0.961   | -                   | 465-0350-1003 |
| 14 / 356      | 14.488  | 0.725    | 0.295  | 3.228          | 0.981   | 12.5 25             | 465-0356-1003 |

Positive and negative pressure ratings are the recommended maximum operating values. Products can be manufactured to meet higher operating values upon request. The bend radius is calculated from the center of the hose in an arched position. Additional information at [www.norres.com/us/technology/](http://www.norres.com/us/technology/). NORRES reserves the right to modify technical data at any time. Technical data based on tests at 68 °F and are approx. values. Proper use and maintenance of NORRES hoses is the sole responsibility of purchaser and ultimate user of the product. The individual conditions, applications and the number of variables make firm recommendations technically impossible. This information is intended as a general guide only.

## CP PVC 465 EC



| I.D.      | outer Ø | Pressure | Vacuum | Bending radius | Weight  | Dimensions in Stock | Order No.     |
|-----------|---------|----------|--------|----------------|---------|---------------------|---------------|
| (in / mm) | (in)    | (psi)    | (inHG) | (in)           | (lb/ft) | (ft)                |               |
| - / 450   | 18.189  | 0.580    | 0.148  | 3.976          | 1.223   | -                   | 465-0450-1003 |
| 24 / 610  | 24.488  | 0.363    | 0.148  | 5.236          | 1.647   | <b>12.5 25</b>      | 465-0610-1003 |
| - / 800   | 31.969  | 0.290    | 0.030  | 6.732          | 1.996   | -                   | 465-0800-1003 |

## Accessories



CLAMP 213



CONNECT 228



CLAMP 217



CONNECT 270-271



CLAMP 212

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