

CP PTFE-INOX 475 EC

Electrically conductive clamp profile hose (clip hose), highly chemical resistant (up to +520°F)

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

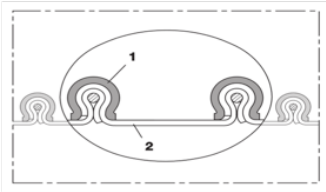
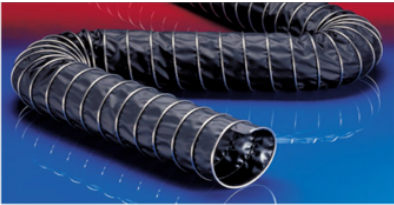
**Properties:**  
abrasion protection via external clamp profile  
secure clamping of the wall within the clamp profile  
highly flexible + compressible 4:1  
very good heat resistance  
anti-adhesive  
good resistance to alkalis and acids  
extremely good resistance to chemicals  
surface resistance PTFE film <10<sup>6</sup> Ω  
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

**Temperature range:**  
-240°F to 480°F  
short time to 520°F

**Design, material:**  
CP construction  
1. clamp profile supporting spiral: all-stainless steel (INOX)  
2. wall: PTFE coated glass fabric

**Delivery variants:**  
further diameters and lengths available on request  
black (standard)  
double-layer



| I.D. in/mm    | O.D. in | Pressure psi | Vacuum DIN inHg | Bending Radius in | Weight lbs./ft | Stock length ft | Order No.     | Order No.              | Article Name        | suitable fo |
|---------------|---------|--------------|-----------------|-------------------|----------------|-----------------|---------------|------------------------|---------------------|-------------|
| 2 / 50-51     | 2.44    | 5.95         | 7.97            | 0.71              | 0.385          | 25              | 475-0050-1003 | 47500501003-0000002500 | CP PTFE-INOX 475 EC | Yes         |
| - / 55        | 2.64    | 5.65         | 7.38            | 3/4               | 0.415          | 25              | 475-0055-1003 | 47500551003-0000002500 | CP PTFE-INOX 475 EC | Yes         |
| 2.5 / 63-65   | 3.03    | 5.15         | 5.91            | 0.85              | 0.485          | 25              | 475-0065-1003 | 47500651003-0000002500 | CP PTFE-INOX 475 EC | Yes         |
| - / 70        | 3.20    | 4.95         | 5.32            | 7/8               | 0.515          | 25              | 475-0070-1003 | 47500701003-0000002500 | CP PTFE-INOX 475 EC | Yes         |
| 3 / 75-76     | 3.43    | 4.70         | 4.72            | 0.93              | 0.550          | 25              | 475-0075-1003 | 47500751003-0000002500 | CP PTFE-INOX 475 EC | Yes         |
| 3.5 / 89-90   | 4.00    | 4.20         | 2.95            | 1.02              | 0.660          | 25              | 475-0090-1003 | 47500901003-0000002500 | CP PTFE-INOX 475 EC | Yes         |
| 4 / 100-102   | 4.41    | 2.85         | 2.51            | 1.10              | 0.550          | 25              | 475-0100-1003 | 47501001003-0000002500 | CP PTFE-INOX 475 EC | Yes         |
| 4.5 / 114-115 | 5.00    | 2.60         | 2.07            | 1.20              | 0.630          | 12.5            | 475-0115-1003 | 47501151003-0000001250 | CP PTFE-INOX 475 EC | Yes         |
| 4.5 / 114-115 | 5.00    | 2.60         | 2.07            | 1.20              | 0.630          | 25              | 475-0115-1003 | 47501151003-0000002500 | CP PTFE-INOX 475 EC | Yes         |
| 5 / 125-127   | 5.39    | 2.45         | 1.77            | 1.32              | 0.685          | 12.5            | 475-0125-1003 | 47501251003-0000001250 | CP PTFE-INOX 475 EC | Yes         |
| 5 / 125-127   | 5.39    | 2.45         | 1.77            | 1.32              | 0.685          | 25              | 475-0125-1003 | 47501251003-0000002500 | CP PTFE-INOX 475 EC | Yes         |
| - / 130       | 5.59    | 2.40         | 1.62            | 1.34              | 0.710          | 12.5            | 475-0130-1003 | 47501301003-0000001250 | CP PTFE-INOX 475 EC | Yes         |
| - / 130       | 5.59    | 2.40         | 1.62            | 1.34              | 0.710          | 25              | 475-0130-1003 | 47501301003-0000002500 | CP PTFE-INOX 475 EC | Yes         |
| 5.5 / 140     | 6.00    | 2.30         | 1.18            | 1.42              | 0.765          | 12.5            | 475-0140-1003 | 47501401003-0000001250 | CP PTFE-INOX 475 EC | Yes         |
| 5.5 / 140     | 6.00    | 2.30         | 1.18            | 1.42              | 0.765          | 25              | 475-0140-1003 | 47501401003-0000002500 | CP PTFE-INOX 475 EC | Yes         |
| 6 / 150-152   | 6.38    | 1.60         | 1.03            | 1.50              | 0.510          | 12.5            | 475-0150-1003 | 47501501003-0000001250 | CP PTFE-INOX 475 EC | Yes         |
| 6 / 150-152   | 6.38    | 1.60         | 1.03            | 1.50              | 0.510          | 25              | 475-0150-1003 | 47501501003-0000002500 | CP PTFE-INOX 475 EC | Yes         |
| 6.5 / 165     | 6.97    | 1.45         | 0.89            | 1.61              | 0.560          | 12.5            | 475-0165-1003 | 47501651003-0000001250 | CP PTFE-INOX 475 EC | Yes         |
| 6.5 / 165     | 6.97    | 1.45         | 0.89            | 1.61              | 0.560          | 25              | 475-0165-1003 | 47501651003-0000002500 | CP PTFE-INOX 475 EC | Yes         |
| - / 175       | 7.36    | 1.45         | 0.89            | 1.71              | 0.590          | 12.5            | 475-0175-1003 | 47501751003-0000001250 | CP PTFE-INOX 475 EC | Yes         |
| - / 175       | 7.36    | 1.45         | 0.89            | 1.71              | 0.590          | 25              | 475-0175-1003 | 47501751003-0000002500 | CP PTFE-INOX 475 EC | Yes         |
| 7 / 178-180   | 7.56    | 1.40         | 0.74            | 1.73              | 0.605          | 12.5            | 475-0180-1003 | 47501801003-0000001250 | CP PTFE-INOX 475 EC | Yes         |
| 7 / 178-180   | 7.56    | 1.40         | 0.74            | 1.73              | 0.605          | 25              | 475-0180-1003 | 47501801003-0000002500 | CP PTFE-INOX 475 EC | Yes         |
| 8 / 200-203   | 8.35    | 1.30         | 0.59            | 1.89              | 0.670          | 12.5            | 475-0200-1003 | 47502001003-0000001250 | CP PTFE-INOX 475 EC | Yes         |
| 8 / 200-203   | 8.35    | 1.30         | 0.59            | 1.89              | 0.670          | 25              | 475-0200-1003 | 47502001003-0000002500 | CP PTFE-INOX 475 EC | Yes         |

|              |       |      |      |      |       |      |               |                        |                     |     |
|--------------|-------|------|------|------|-------|------|---------------|------------------------|---------------------|-----|
| - / 215      | 8.94  | 1.25 | 0.59 | 2.03 | 0.720 | 12.5 | 475-0215-1003 | 47502151003-0000001250 | CP PTFE-INOX 475 EC | Yes |
| - / 215      | 8.94  | 1.25 | 0.59 | 2.03 | 0.720 | 25   | 475-0215-1003 | 47502151003-0000002500 | CP PTFE-INOX 475 EC | Yes |
| 9 / 228-229  | 9.45  | 1.25 | 0.59 | 2.13 | 0.765 | 12.5 | 475-0228-1003 | 47502281003-0000001250 | CP PTFE-INOX 475 EC | Yes |
| 9 / 228-229  | 9.45  | 1.25 | 0.59 | 2.13 | 0.765 | 25   | 475-0228-1003 | 47502281003-0000002500 | CP PTFE-INOX 475 EC | Yes |
| 10 / 254     | 10.47 | 0.95 | 0.44 | 2.32 | 0.845 | 12.5 | 475-0254-1003 | 47502541003-0000001250 | CP PTFE-INOX 475 EC | Yes |
| 10 / 254     | 10.47 | 0.95 | 0.44 | 2.32 | 0.845 | 25   | 475-0254-1003 | 47502541003-0000002500 | CP PTFE-INOX 475 EC | Yes |
| - / 275      | 11.30 | 0.85 | 0.44 | 2.50 | 0.915 | 12.5 | 475-0275-1003 | 47502751003-0000001250 | CP PTFE-INOX 475 EC | Yes |
| - / 275      | 11.30 | 0.85 | 0.44 | 2.50 | 0.915 | 25   | 475-0275-1003 | 47502751003-0000002500 | CP PTFE-INOX 475 EC | Yes |
| 11 / 280     | 11.50 | 0.85 | 0.44 | 2.54 | 0.930 | 12.5 | 475-0280-1003 | 47502801003-0000001250 | CP PTFE-INOX 475 EC | Yes |
| 11 / 280     | 11.50 | 0.85 | 0.44 | 2.54 | 0.930 | 25   | 475-0280-1003 | 47502801003-0000002500 | CP PTFE-INOX 475 EC | Yes |
| 12 / 305     | 12.48 | 0.80 | 0.30 | 2.72 | 1.010 | 12.5 | 475-0305-1003 | 47503051003-0000001250 | CP PTFE-INOX 475 EC | Yes |
| 12 / 305     | 12.48 | 0.80 | 0.30 | 2.72 | 1.010 | 25   | 475-0305-1003 | 47503051003-0000002500 | CP PTFE-INOX 475 EC | Yes |
| - / 315      | 12.87 | 0.80 | 0.30 | 2.78 | 1.050 | 12.5 | 475-0315-1003 | 47503151003-0000001250 | CP PTFE-INOX 475 EC | Yes |
| - / 315      | 12.87 | 0.80 | 0.30 | 2.78 | 1.050 | 25   | 475-0315-1003 | 47503151003-0000002500 | CP PTFE-INOX 475 EC | Yes |
| - / 325      | 13.27 | 0.80 | 0.30 | 2.89 | 1.110 | 12.5 | 475-0325-1003 | 47503251003-0000001250 | CP PTFE-INOX 475 EC | Yes |
| - / 325      | 13.27 | 0.80 | 0.30 | 2.89 | 1.110 | 25   | 475-0325-1003 | 47503251003-0000002500 | CP PTFE-INOX 475 EC | Yes |
| 13 / 330     | 13.46 | 0.75 | 0.30 | 2.93 | 1.120 | 12.5 | 475-0330-1003 | 47503301003-0000001250 | CP PTFE-INOX 475 EC | Yes |
| 13 / 330     | 13.46 | 0.75 | 0.30 | 2.93 | 1.120 | 25   | 475-0330-1003 | 47503301003-0000002500 | CP PTFE-INOX 475 EC | Yes |
| 14 / 356     | 14.49 | 0.60 | 0.30 | 3.11 | 1.200 | 12.5 | 475-0356-1003 | 47503561003-0000001250 | CP PTFE-INOX 475 EC | Yes |
| 14 / 356     | 14.49 | 0.60 | 0.30 | 3.11 | 1.200 | 25   | 475-0356-1003 | 47503561003-0000002500 | CP PTFE-INOX 475 EC | Yes |
| - / 375      | 15.24 | 0.60 | 0.30 | 3.25 | 1.310 | 12.5 | 475-0375-1003 | 47503751003-0000001250 | CP PTFE-INOX 475 EC | Yes |
| - / 375      | 15.24 | 0.60 | 0.30 | 3.25 | 1.310 | 25   | 475-0375-1003 | 47503751003-0000002500 | CP PTFE-INOX 475 EC | Yes |
| 16 / 405-406 | 16.46 | 0.60 | 0.15 | 3.50 | 1.345 | 12.5 | 475-0406-1003 | 47504061003-0000001250 | CP PTFE-INOX 475 EC | Yes |
| 16 / 405-406 | 16.46 | 0.60 | 0.15 | 3.50 | 1.345 | 25   | 475-0406-1003 | 47504061003-0000002500 | CP PTFE-INOX 475 EC | Yes |
| 18 / 457     | 18.46 | 0.50 | 0.15 | 3.92 | 1.510 | 12.5 | 475-0457-1003 | 47504571003-0000001250 | CP PTFE-INOX 475 EC | Yes |
| 18 / 457     | 18.46 | 0.50 | 0.15 | 3.92 | 1.510 | 25   | 475-0457-1003 | 47504571003-0000002500 | CP PTFE-INOX 475 EC | Yes |
| 20 / 508     | 20.47 | 0.35 | 0.15 | 4.31 | 1.675 | 12.5 | 475-0508-1003 | 47505081003-0000001250 | CP PTFE-INOX 475 EC | Yes |
| 20 / 508     | 20.47 | 0.35 | 0.15 | 4.31 | 1.675 | 25   | 475-0508-1003 | 47505081003-0000002500 | CP PTFE-INOX 475 EC | Yes |