

CP Kapton® 476

High-temperature hose, clamp profile hose (clip hose), (up to +750°F)

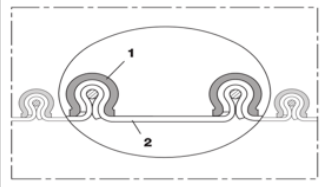
**Applications:**  
flexible hose/ ducting for hot and cold gases  
vehicle/ car gas exhaust system, gas extraction: hose reel, slotted floor channel, underfloor extraction system  
engine test bench, exhaust gas measurement  
chemical industry: chemical vapors, vapor return hose at loading arm, paint steam, spray mist extraction  
high temperature extraction: oven, foundry, furnace, smelting, ceramics industry, glass industry, steel plant, aluminium mill  
bellows, compensators

**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  
good resistance to alkalis and acids  
extremely good resistance to chemicals  
conforms to RoHS guideline

**Temperature range:**  
-75°F to 750°F

**Design, material:**  
CP construction  
1. clamp profile supporting spiral: galvanized steel  
2. wall: Kapton® laminated glass fabric

**Delivery variants:**  
further diameters and lengths available on request  
stainless steel (INOX) clamp profile



| 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 |
|---------------|---------|--------------|-----------------|-------------------|----------------|-----------------|---------------|------------------------|----------------|-------------|
| - / 55        | 2.64    | 7.20         | 10.04           | 3/4               | 0.495          | 25              | 476-0055-0000 | 47600550000-0000002500 | CP Kapton® 476 | Yes         |
| - / 70        | 3.20    | 6.30         | 7.53            | 7/8               | 0.620          | 25              | 476-0070-0000 | 47600700000-0000002500 | CP Kapton® 476 | Yes         |
| 3 / 75-76     | 3.43    | 6.00         | 6.64            | 0.93              | 0.660          | 25              | 476-0075-0000 | 47600750000-0000002500 | CP Kapton® 476 | Yes         |
| 3.5 / 89-90   | 4.00    | 5.35         | 5.76            | 1.02              | 0.780          | 25              | 476-0090-0000 | 47600900000-0000002500 | CP Kapton® 476 | Yes         |
| 4 / 100-102   | 4.41    | 3.65         | 4.72            | 1.10              | 0.640          | 25              | 476-0100-0000 | 47601000000-0000002500 | CP Kapton® 476 | Yes         |
| 4.5 / 114-115 | 5.00    | 3.35         | 3.54            | 1.24              | 0.730          | 12.5            | 476-0115-0000 | 47601150000-0000001250 | CP Kapton® 476 | Yes         |
| 4.5 / 114-115 | 5.00    | 3.35         | 3.54            | 1.24              | 0.730          | 25              | 476-0115-0000 | 47601150000-0000002500 | CP Kapton® 476 | Yes         |
| 5 / 125-127   | 5.39    | 3.10         | 3.10            | 1.32              | 0.795          | 12.5            | 476-0125-0000 | 47601250000-0000001250 | CP Kapton® 476 | Yes         |
| 5 / 125-127   | 5.39    | 3.10         | 3.10            | 1.32              | 0.795          | 25              | 476-0125-0000 | 47601250000-0000002500 | CP Kapton® 476 | Yes         |
| - / 130       | 5.59    | 3.05         | 2.66            | 1.34              | 0.820          | 12.5            | 476-0130-0000 | 47601300000-0000001250 | CP Kapton® 476 | Yes         |
| - / 130       | 5.59    | 3.05         | 2.66            | 1.34              | 0.820          | 25              | 476-0130-0000 | 47601300000-0000002500 | CP Kapton® 476 | Yes         |
| 5.5 / 140     | 6.00    | 2.90         | 2.21            | 1.42              | 0.880          | 12.5            | 476-0140-0000 | 47601400000-0000001250 | CP Kapton® 476 | Yes         |
| 5.5 / 140     | 6.00    | 2.90         | 2.21            | 1.42              | 0.880          | 25              | 476-0140-0000 | 47601400000-0000002500 | CP Kapton® 476 | Yes         |
| 6 / 150-152   | 6.38    | 2.05         | 2.07            | 1.50              | 0.640          | 12.5            | 476-0150-0000 | 47601500000-0000001250 | CP Kapton® 476 | Yes         |
| 6 / 150-152   | 6.38    | 2.05         | 2.07            | 1.50              | 0.640          | 25              | 476-0150-0000 | 47601500000-0000002500 | CP Kapton® 476 | Yes         |
| 6.5 / 165     | 6.97    | 1.90         | 1.65            | 1.61              | 0.700          | 12.5            | 476-0165-0000 | 47601650000-0000001250 | CP Kapton® 476 | Yes         |
| 6.5 / 165     | 6.97    | 1.90         | 1.65            | 1.61              | 0.700          | 25              | 476-0165-0000 | 47601650000-0000002500 | CP Kapton® 476 | Yes         |
| - / 175       | 7.36    | 1.80         | 1.42            | 1.71              | 0.740          | 12.5            | 476-0175-0000 | 47601750000-0000001250 | CP Kapton® 476 | Yes         |
| - / 175       | 7.36    | 1.80         | 1.42            | 1.71              | 0.740          | 25              | 476-0175-0000 | 47601750000-0000002500 | CP Kapton® 476 | Yes         |
| 7 / 178-180   | 7.56    | 1.80         | 1.42            | 1.73              | 0.760          | 12.5            | 476-0180-0000 | 47601800000-0000001250 | CP Kapton® 476 | Yes         |
| 7 / 178-180   | 7.56    | 1.80         | 1.42            | 1.73              | 0.760          | 25              | 476-0180-0000 | 47601800000-0000002500 | CP Kapton® 476 | Yes         |
| 8 / 200-203   | 8.35    | 1.65         | 1.18            | 1.89              | 0.840          | 12.5            | 476-0200-0000 | 47602000000-0000001250 | CP Kapton® 476 | Yes         |
| 8 / 200-203   | 8.35    | 1.65         | 1.18            | 1.89              | 0.840          | 25              | 476-0200-0000 | 47602000000-0000002500 | CP Kapton® 476 | Yes         |
| - / 215       | 8.94    | 1.60         | 0.94            | 2.03              | 0.900          | 12.5            | 476-0215-0000 | 47602150000-0000001250 | CP Kapton® 476 | Yes         |
| - / 215       | 8.94    | 1.60         | 0.94            | 2.03              | 0.900          | 25              | 476-0215-0000 | 47602150000-0000002500 | CP Kapton® 476 | Yes         |
| 9 / 228-229   | 9.45    | 1.50         | 0.89            | 2.13              | 0.955          | 12.5            | 476-0228-0000 | 47602280000-0000001250 | CP Kapton® 476 | Yes         |
| 9 / 228-229   | 9.45    | 1.50         | 0.89            | 2.13              | 0.955          | 25              | 476-0228-0000 | 47602280000-0000002500 | CP Kapton® 476 | Yes         |
| 10 / 254      | 10.47   | 1.15         | 0.74            | 2.32              | 1.065          | 12.5            | 476-0254-0000 | 47602540000-0000001250 | CP Kapton® 476 | Yes         |
| 10 / 254      | 10.47   | 1.15         | 0.74            | 2.32              | 1.065          | 25              | 476-0254-0000 | 47602540000-0000002500 | CP Kapton® 476 | Yes         |
| - / 275       | 11.30   | 1.10         | 0.59            | 2.50              | 1.150          | 12.5            | 476-0275-0000 | 47602750000-0000001250 | CP Kapton® 476 | Yes         |

|              |       |      |       |      |       |      |               |                        |                |     |
|--------------|-------|------|-------|------|-------|------|---------------|------------------------|----------------|-----|
| - / 275      | 11.30 | 1.10 | 0.59  | 2.50 | 1.150 | 25   | 476-0275-0000 | 47602750000-0000002500 | CP Kapton® 476 | Yes |
| 11 / 280     | 11.50 | 1.10 | 0.59  | 2.54 | 1.170 | 12.5 | 476-0280-0000 | 47602800000-0000001250 | CP Kapton® 476 | Yes |
| 11 / 280     | 11.50 | 1.10 | 0.59  | 2.54 | 1.170 | 25   | 476-0280-0000 | 47602800000-0000002500 | CP Kapton® 476 | Yes |
| 12 / 305     | 12.48 | 1.00 | 0.47  | 2.72 | 1.270 | 12.5 | 476-0305-0000 | 47603050000-0000001250 | CP Kapton® 476 | Yes |
| 12 / 305     | 12.48 | 1.00 | 0.47  | 2.72 | 1.270 | 25   | 476-0305-0000 | 47603050000-0000002500 | CP Kapton® 476 | Yes |
| - / 315      | 12.87 | 1.00 | 0.47  | 2.78 | 1.310 | 12.5 | 476-0315-0000 | 47603150000-0000001250 | CP Kapton® 476 | Yes |
| - / 315      | 12.87 | 1.00 | 0.47  | 2.78 | 1.310 | 25   | 476-0315-0000 | 47603150000-0000002500 | CP Kapton® 476 | Yes |
| - / 325      | 13.27 | 0.95 | 0.44  | 2.89 | 1.365 | 12.5 | 476-0325-0000 | 47603250000-0000001250 | CP Kapton® 476 | Yes |
| - / 325      | 13.27 | 0.95 | 0.44  | 2.89 | 1.365 | 25   | 476-0325-0000 | 47603250000-0000002500 | CP Kapton® 476 | Yes |
| 13 / 330     | 13.46 | 0.95 | 0.44  | 2.93 | 1.380 | 12.5 | 476-0330-0000 | 47603300000-0000001250 | CP Kapton® 476 | Yes |
| 13 / 330     | 13.46 | 0.95 | 0.44  | 2.93 | 1.380 | 25   | 476-0330-0000 | 47603300000-0000002500 | CP Kapton® 476 | Yes |
| 14 / 356     | 14.49 | 0.75 | 0.44  | 3.11 | 1.470 | 12.5 | 476-0356-0000 | 47603560000-0000001250 | CP Kapton® 476 | Yes |
| 14 / 356     | 14.49 | 0.75 | 0.44  | 3.11 | 1.470 | 25   | 476-0356-0000 | 47603560000-0000002500 | CP Kapton® 476 | Yes |
| - / 375      | 15.24 | 0.75 | 0.35  | 3.25 | 1.520 | 12.5 | 476-0375-0000 | 47603750000-0000001250 | CP Kapton® 476 | Yes |
| - / 375      | 15.24 | 0.75 | 0.35  | 3.25 | 1.520 | 25   | 476-0375-0000 | 47603750000-0000002500 | CP Kapton® 476 | Yes |
| 16 / 405-406 | 16.46 | 0.75 | 0.35  | 3.50 | 1.685 | 12.5 | 476-0406-0000 | 47604060000-0000001250 | CP Kapton® 476 | Yes |
| 16 / 405-406 | 16.46 | 0.75 | 0.35  | 3.50 | 1.685 | 25   | 476-0406-0000 | 47604060000-0000002500 | CP Kapton® 476 | Yes |
| 18 / 457     | 18.46 | 0.65 | 0.15  | 3.92 | 1.890 | 12.5 | 476-0457-0000 | 47604570000-0000001250 | CP Kapton® 476 | Yes |
| 18 / 457     | 18.46 | 0.65 | 0.15  | 3.92 | 1.890 | 25   | 476-0457-0000 | 47604570000-0000002500 | CP Kapton® 476 | Yes |
| 2 / 50-51    | 2.44  | 7.55 | 10.93 | 0.71 | 0.455 | 25   | 476-0050-0000 | 47600500000-0000002500 | CP Kapton® 476 | Yes |
| 2.5 / 63-65  | 3.03  | 6.60 | 8.42  | 0.85 | 0.580 | 25   | 476-0065-0000 | 47600650000-0000002500 | CP Kapton® 476 | Yes |
| 20 / 508     | 20.47 | 0.45 | 0.15  | 4.31 | 2.095 | 12.5 | 476-0508-0000 | 47605080000-0000001250 | CP Kapton® 476 | Yes |
| 20 / 508     | 20.47 | 0.45 | 0.15  | 4.31 | 2.095 | 25   | 476-0508-0000 | 47605080000-0000002500 | CP Kapton® 476 | Yes |