

CP HYP 450

Clamp profile hose (clip hose), (up to +340°F)

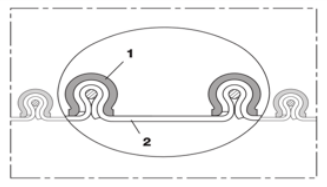
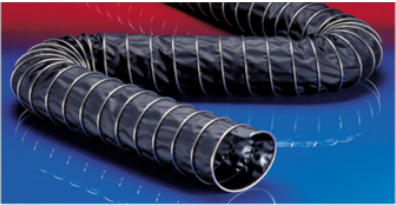
**Applications:**  
flexible hose/ ducting for hot and cold gases and for dust, powder, fibers  
chemical industry: chemical vapors, vapor return hose at loading arm, paint steam, spray mist extraction  
industrial washing machine: air blower hose for drying  
high temperature extraction: oven, foundry, 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  
vibration resistant  
very good heat resistance  
good resistance to oil, gasoline, and chemicals  
good resistance to alkalis and acids  
conforms to RoHS guideline

**Temperature range:**  
-40°F to 340°F

**Design, material:**  
CP construction  
1. clamp profile supporting spiral: galvanized steel  
2. wall: CSM coated polyester fabric

**Delivery variants:**  
further diameters and lengths available on request  
stainless steel (INOX) clamp profile  
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 |
|---------------|---------|--------------|-----------------|-------------------|----------------|-----------------|---------------|------------------------|--------------|-------------|
| 1.5 / 38      | 1.97    | 11.40        | 13.29           | 0.83              | 0.385          | 25              | 450-0038-0000 | 45000380000-0000002500 | CP HYP 450   | Yes         |
| 2 / 50-51     | 2.44    | 9.15         | 11.22           | 1.00              | 0.510          | 25              | 450-0050-0000 | 45000500000-0000002500 | CP HYP 450   | Yes         |
| - / 55        | 2.64    | 8.70         | 10.34           | 1.04              | 0.550          | 25              | 450-0055-0000 | 45000550000-0000002500 | CP HYP 450   | Yes         |
| 2.5 / 63-65   | 3.03    | 7.90         | 8.56            | 1.16              | 0.645          | 25              | 450-0065-0000 | 45000650000-0000002500 | CP HYP 450   | Yes         |
| - / 70        | 3.20    | 7.60         | 7.68            | 1.22              | 0.690          | 25              | 450-0070-0000 | 45000700000-0000002500 | CP HYP 450   | Yes         |
| 3 / 75-76     | 3.43    | 7.25         | 6.79            | 1.28              | 0.740          | 25              | 450-0075-0000 | 45000750000-0000002500 | CP HYP 450   | Yes         |
| 3.5 / 89-90   | 4.00    | 6.55         | 4.13            | 1.46              | 0.875          | 25              | 450-0090-0000 | 45000900000-0000002500 | CP HYP 450   | Yes         |
| 4 / 100-102   | 4.41    | 4.35         | 3.54            | 1.10              | 0.690          | 25              | 450-0100-0000 | 45001000000-0000002500 | CP HYP 450   | Yes         |
| 4.5 / 114-115 | 5.00    | 4.00         | 2.89            | 1.24              | 0.785          | 12.5            | 450-0115-0000 | 45001150000-0000001250 | CP HYP 450   | Yes         |
| 4.5 / 114-115 | 5.00    | 4.00         | 2.89            | 1.24              | 0.785          | 25              | 450-0115-0000 | 45001150000-0000002500 | CP HYP 450   | Yes         |
| 5 / 125-127   | 5.39    | 3.75         | 2.51            | 1.32              | 0.855          | 12.5            | 450-0125-0000 | 45001250000-0000001250 | CP HYP 450   | Yes         |
| 5 / 125-127   | 5.39    | 3.75         | 2.51            | 1.32              | 0.855          | 25              | 450-0125-0000 | 45001250000-0000002500 | CP HYP 450   | Yes         |
| - / 130       | 5.59    | 3.70         | 2.21            | 1.34              | 0.885          | 12.5            | 450-0130-0000 | 45001300000-0000001250 | CP HYP 450   | Yes         |
| - / 130       | 5.59    | 3.70         | 2.21            | 1.34              | 0.885          | 25              | 450-0130-0000 | 45001300000-0000002500 | CP HYP 450   | Yes         |
| 5.5 / 140     | 6.00    | 3.55         | 1.77            | 1.42              | 0.955          | 12.5            | 450-0140-0000 | 45001400000-0000001250 | CP HYP 450   | Yes         |
| 5.5 / 140     | 6.00    | 3.55         | 1.77            | 1.42              | 0.955          | 25              | 450-0140-0000 | 45001400000-0000002500 | CP HYP 450   | Yes         |
| 6 / 150-152   | 6.38    | 2.40         | 1.48            | 1.50              | 0.700          | 12.5            | 450-0150-0000 | 45001500000-0000001250 | CP HYP 450   | Yes         |
| 6 / 150-152   | 6.38    | 2.40         | 1.48            | 1.50              | 0.700          | 25              | 450-0150-0000 | 45001500000-0000002500 | CP HYP 450   | Yes         |
| 6.5 / 165     | 6.97    | 2.25         | 1.18            | 1.61              | 0.765          | 12.5            | 450-0165-0000 | 45001650000-0000001250 | CP HYP 450   | Yes         |
| 6.5 / 165     | 6.97    | 2.25         | 1.18            | 1.61              | 0.765          | 25              | 450-0165-0000 | 45001650000-0000002500 | CP HYP 450   | Yes         |
| - / 175       | 7.36    | 2.20         | 1.18            | 1.71              | 0.815          | 12.5            | 450-0175-0000 | 45001750000-0000001250 | CP HYP 450   | Yes         |
| - / 175       | 7.36    | 2.20         | 1.18            | 1.71              | 0.815          | 25              | 450-0175-0000 | 45001750000-0000002500 | CP HYP 450   | Yes         |
| 7 / 178-180   | 7.56    | 2.20         | 1.18            | 1.73              | 0.835          | 12.5            | 450-0180-0000 | 45001800000-0000001250 | CP HYP 450   | Yes         |
| 7 / 178-180   | 7.56    | 2.20         | 1.18            | 1.73              | 0.835          | 25              | 450-0180-0000 | 45001800000-0000002500 | CP HYP 450   | Yes         |
| 8 / 200-203   | 8.35    | 2.05         | 0.89            | 1.89              | 0.920          | 12.5            | 450-0200-0000 | 45002000000-0000001250 | CP HYP 450   | Yes         |
| 8 / 200-203   | 8.35    | 2.05         | 0.89            | 1.89              | 0.920          | 25              | 450-0200-0000 | 45002000000-0000002500 | CP HYP 450   | Yes         |
| - / 215       | 8.94    | 1.95         | 0.89            | 2.03              | 0.990          | 12.5            | 450-0215-0000 | 45002150000-0000001250 | CP HYP 450   | Yes         |
| - / 215       | 8.94    | 1.95         | 0.89            | 2.03              | 0.990          | 25              | 450-0215-0000 | 45002150000-0000002500 | CP HYP 450   | Yes         |
| 9 / 228-229   | 9.45    | 1.90         | 0.74            | 2.13              | 1.050          | 12.5            | 450-0228-0000 | 45002280000-0000001250 | CP HYP 450   | Yes         |

|              |       |      |      |      |       |      |               |                        |            |     |
|--------------|-------|------|------|------|-------|------|---------------|------------------------|------------|-----|
| 9 / 228-229  | 9.45  | 1.90 | 0.74 | 2.13 | 1.050 | 25   | 450-0228-0000 | 45002280000-0000002500 | CP HYP 450 | Yes |
| 10 / 254     | 10.47 | 1.40 | 0.74 | 2.32 | 1.165 | 12.5 | 450-0254-0000 | 45002540000-0000001250 | CP HYP 450 | Yes |
| 10 / 254     | 10.47 | 1.40 | 0.74 | 2.32 | 1.165 | 25   | 450-0254-0000 | 45002540000-0000002500 | CP HYP 450 | Yes |
| - / 275      | 11.30 | 1.30 | 0.59 | 2.50 | 1.255 | 12.5 | 450-0275-0000 | 45002750000-0000001250 | CP HYP 450 | Yes |
| - / 275      | 11.30 | 1.30 | 0.59 | 2.50 | 1.255 | 25   | 450-0275-0000 | 45002750000-0000002500 | CP HYP 450 | Yes |
| 11 / 280     | 11.50 | 1.30 | 0.59 | 2.54 | 1.280 | 12.5 | 450-0280-0000 | 45002800000-0000001250 | CP HYP 450 | Yes |
| 11 / 280     | 11.50 | 1.30 | 0.59 | 2.54 | 1.280 | 25   | 450-0280-0000 | 45002800000-0000002500 | CP HYP 450 | Yes |
| 12 / 305     | 12.48 | 1.25 | 0.44 | 2.72 | 1.395 | 12.5 | 450-0305-0000 | 45003050000-0000001250 | CP HYP 450 | Yes |
| 12 / 305     | 12.48 | 1.25 | 0.44 | 2.72 | 1.395 | 25   | 450-0305-0000 | 45003050000-0000002500 | CP HYP 450 | Yes |
| - / 315      | 12.87 | 1.25 | 0.44 | 2.78 | 1.440 | 12.5 | 450-0315-0000 | 45003150000-0000001250 | CP HYP 450 | Yes |
| - / 315      | 12.87 | 1.25 | 0.44 | 2.78 | 1.440 | 25   | 450-0315-0000 | 45003150000-0000002500 | CP HYP 450 | Yes |
| - / 325      | 13.27 | 1.15 | 0.44 | 2.89 | 1.485 | 12.5 | 450-0325-0000 | 45003250000-0000001250 | CP HYP 450 | Yes |
| - / 325      | 13.27 | 1.15 | 0.44 | 2.89 | 1.485 | 25   | 450-0325-0000 | 45003250000-0000002500 | CP HYP 450 | Yes |
| 13 / 330     | 13.46 | 1.15 | 0.44 | 2.93 | 1.505 | 12.5 | 450-0330-0000 | 45003300000-0000001250 | CP HYP 450 | Yes |
| 13 / 330     | 13.46 | 1.15 | 0.44 | 2.93 | 1.505 | 25   | 450-0330-0000 | 45003300000-0000002500 | CP HYP 450 | Yes |
| 14 / 356     | 14.49 | 0.95 | 0.44 | 3.11 | 1.615 | 12.5 | 450-0356-0000 | 45003560000-0000001250 | CP HYP 450 | Yes |
| 14 / 356     | 14.49 | 0.95 | 0.44 | 3.11 | 1.615 | 25   | 450-0356-0000 | 45003560000-0000002500 | CP HYP 450 | Yes |
| - / 375      | 15.24 | 0.85 | 0.30 | 3.25 | 1.680 | 12.5 | 450-0375-0000 | 45003750000-0000001250 | CP HYP 450 | Yes |
| - / 375      | 15.24 | 0.85 | 0.30 | 3.25 | 1.680 | 25   | 450-0375-0000 | 45003750000-0000002500 | CP HYP 450 | Yes |
| 16 / 405-406 | 16.46 | 0.80 | 0.30 | 3.50 | 1.850 | 12.5 | 450-0406-0000 | 45004060000-0000001250 | CP HYP 450 | Yes |
| 16 / 405-406 | 16.46 | 0.80 | 0.30 | 3.50 | 1.850 | 25   | 450-0406-0000 | 45004060000-0000002500 | CP HYP 450 | Yes |
| 18 / 457     | 18.46 | 0.75 | 0.30 | 3.92 | 2.075 | 12.5 | 450-0457-0000 | 45004570000-0000001250 | CP HYP 450 | Yes |
| 18 / 457     | 18.46 | 0.75 | 0.30 | 3.92 | 2.075 | 25   | 450-0457-0000 | 45004570000-0000002500 | CP HYP 450 | Yes |
| 20 / 508     | 20.47 | 0.50 | 0.15 | 4.31 | 2.300 | 12.5 | 450-0508-0000 | 45005080000-0000001250 | CP HYP 450 | Yes |
| 20 / 508     | 20.47 | 0.50 | 0.15 | 4.31 | 2.300 | 25   | 450-0508-0000 | 45005080000-0000002500 | CP HYP 450 | Yes |