

FLEX HOSE HT Teflon/Hypalon (CSM) 175

HOSES › PIPES suitable for ATEX environments

Flexible hose produced by assembling two layers of technical fabric: external layer in polyester fabric coated with CSM, internal layer with black CONDUCTIVE PTFE film R=10⁴ Ω, external galvanized steel spiral.

Exterior color BLACK.

Applications:

- Extraction of corrosive vapours
- Extraction of solvent and paint vapours
- Paint, wood and paper industry
- Pharmaceutical and chemical industry

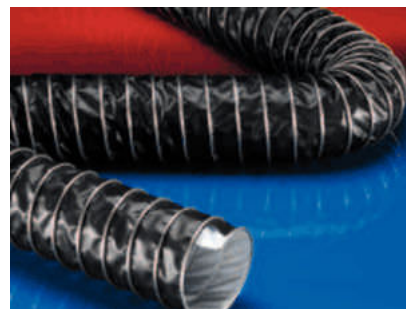
Operating temperature: -40°C +175°C, peaks of +190°C

Property:

- Good resistance to chemical agents
- Black substrate R=10⁴ Ω
- Excellent resistance to UV rays and ozone
- Axial compressibility ratio 1:6
- Resistant to high load vibrations and tearing
- Protected by the external spiral **on request in stainless steel**

Diameters available from 2" (Ø 50mm) up to 40" (Ø 1016 mm)

Standard lengths: from 3 to 6 meters



Mastertubi.it/q?379

| Dimensions | Pressure | Depression | Radius of curvature | Weight |
|------------|----------|------------|---------------------|--------|
| Ø mm | bar | bar | mm | Kg/m |
| 50 | 0.900 | 0.440 | 30 | 0.50 |
| 60 | 0.780 | 0.306 | 36 | 0.60 |
| 65 | 0.680 | 0.261 | 39 | 0.70 |
| 70 | 0.670 | 0.225 | 42 | 0.70 |
| 75 | 0.620 | 0.196 | 45 | 0.80 |
| 80 | 0.610 | 0.172 | 48 | 0.80 |
| 90 | 0.560 | 0.136 | 54 | 0.90 |
| 100 | 0.510 | 0.110 | 60 | 1.00 |
| 110 | 0.480 | 0.092 | 66 | 1.10 |

| | | | | |
|-----|-------|-------|-----|------|
| 120 | 0.360 | 0.077 | 72 | 1.10 |
| 125 | 0.330 | 0.071 | 75 | 1.20 |
| 130 | 0.280 | 0.065 | 78 | 1.20 |
| 140 | 0.250 | 0.057 | 84 | 1.30 |
| 150 | 0.220 | 0.049 | 90 | 1.30 |
| 160 | 0.210 | 0.043 | 96 | 1.30 |
| 170 | 0.190 | 0.039 | 102 | 1.40 |
| 175 | 0.185 | 0.037 | 105 | 1.40 |
| 180 | 0.172 | 0.035 | 108 | 1.40 |
| 200 | 0.148 | 0.028 | 120 | 1.60 |
| 215 | 0.128 | 0.022 | 129 | 1.80 |
| 225 | 0.115 | 0.018 | 135 | 2.00 |
| 250 | 0.100 | 0.015 | 175 | 2.10 |
| 275 | 0.080 | 0.013 | 193 | 2.30 |
| 300 | 0.070 | 0.011 | 210 | 2.40 |
| 315 | 0.062 | 0.011 | 221 | 2.60 |
| 325 | 0.059 | 0.009 | 228 | 2.80 |
| 350 | 0.056 | 0.008 | 245 | 3.30 |
| 375 | 0.050 | 0.007 | 263 | 3.50 |
| 400 | 0.047 | 0.006 | 280 | 3.80 |
| 450 | 0.045 | 0.005 | 360 | 4.20 |
| 500 | 0.043 | 0.004 | 400 | 4.70 |
| 600 | 0.039 | 0.003 | 480 | 5.90 |
| 700 | 0.031 | 0.002 | 560 | 6.90 |
| 800 | 0.022 | 0.002 | 640 | 7.60 |
| 900 | 0.016 | 0.001 | 720 | 8.20 |