



## Hose CP PTFE/Glas 471, suction & blower hose up to 250 °C

### Application

- suction and blower hose for extremely cold air, hot air and aggressive vapors in among others chemical industry
- also usable as bellows or expansion joint

### Temperature range

- -150 °C to +250 °C
- peaks at +270 °C

### Properties

- interior PTFE foil, exterior special-coated glass fabric, with clamping profile in stainless steel
- high axial compressibility [4:1]
- flexible and kink resistant
- very good chemical resistance
- mechanically strong
- anti-adhesive tube
- UV- and ozone resistant
- abrasion protection via external clamp profile

### Connections

free of choice or to be mounted directly on pipe

### Assembly

worm drive clamps type Spiralex

| Internal diameter | Wall thickness | Outer diameter | Maximum operating pressure | Minimum burst pressure | Vacuum-resistance at 20 °C | Minimum bending radius | Roll length | Article  |
|-------------------|----------------|----------------|----------------------------|------------------------|----------------------------|------------------------|-------------|----------|
| mm                | mm             | mm             | bar                        | bar                    | %                          | mm                     | m           |          |
| 50                | 6              | 152            | 0.42                       | 1.26                   | 30                         | 18                     | 0           | 11193474 |
| 55                | 6              | 172            | 0.4                        | 1.2                    | 28                         | 20                     | 0           | 11193475 |
| 60                | 6              | 182            | 0.38                       | 1.14                   | 25                         | 20                     | 0           | 11193476 |
| 65                | 6              | 192            | 0.36                       | 1.08                   | 23                         | 22                     | 0           | 11193477 |
| 70                | 6              | 212            | 0.34                       | 1.02                   | 21                         | 22                     | 0           | 11193478 |
| 75                | 6              | 237            | 0.33                       | 0.99                   | 18                         | 24                     | 0           | 11193479 |
| 80                | 6              | 262            | 0.32                       | 0.96                   | 16                         | 24                     | 0           | 11193480 |
| 90                | 6              | 312            | 0.29                       | 0.87                   | 11                         | 26                     | 0           | 11193481 |
| 100               | 6              | 462            | 0.19                       | 0.57                   | 10                         | 28                     | 0           | 11193482 |
| 110               | 6              | 512            | 0.18                       | 0.54                   | 8                          | 30                     | 0           | 11193533 |
| 120               | 6              | 67             | 0.17                       | 0.51                   | 7                          | 32                     | 0           | 11193534 |
| 125               | 6              | 72             | 0.17                       | 0.51                   | 7                          | 34                     | 0           | 11193535 |
| 130               | 6              | 612            | 0.16                       | 0.48                   | 6                          | 34                     | 0           | 11193536 |
| 140               | 6              | 77             | 0.16                       | 0.48                   | 5                          | 36                     | 0           | 11193537 |
| 150               | 6              | 82             | 0.11                       | 0.33                   | 4                          | 38                     | 0           | 11193538 |
| 160               | 6              | 712            | 0.1                        | 0.3                    | 3                          | 40                     | 0           | 11193539 |
| 170               | 6              | 87             | 0.1                        | 0.3                    | 3                          | 42                     | 0           | 11193540 |
| 175               | 6              | 92             | 0.1                        | 0.3                    | 3                          | 44                     | 0           | 11193541 |
| 180               | 6              | 812            | 0.09                       | 0.27                   | 3                          | 44                     | 0           | 11193542 |

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|-------------------|----------------|----------------|----------------------------|------------------------|----------------------------|------------------------|-------------|----------|
| mm                | mm             | mm             | bar                        | bar                    | %                          | mm                     | m           |          |
| 200               | 6              | 102            | 0.09                       | 0.27                   | 2                          | 48                     | 0           | 11193543 |
| 215               | 6              | 912            | 0.08                       | 0.24                   | 2                          | 52                     | 0           | 11193544 |
| 225               | 6              | 112            | 0.08                       | 0.24                   | 2                          | 54                     | 0           | 11193545 |
| 250               | 6              | 1012           | 0.06                       | 0.18                   | 2                          | 58                     | 0           | 11193546 |
| 275               | 6              | 122            | 0.06                       | 0.18                   | 1                          | 64                     | 0           | 11193547 |
| 300               | 6              | 127            | 0.05                       | 0.15                   | 1                          | 68                     | 0           | 11193548 |
| 350               | 6              | 132            | 0.04                       | 0.12                   | 1                          | 78                     | 0           | 11193549 |
| 400               | 6              | 137            | 0.04                       | 0.12                   | 1                          | 88                     | 0           | 11193550 |
| 700               | 6              | 227            | 0.02                       | 0.06                   | 0.1                        | 148                    | 0           | 11193564 |

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