

TUBES

PTFE TUBE

PLUS

GOOD FLEXIBILITY

HIGH RESISTANCE TO THE AGING

CHEMICAL INTERTNESS

LOW MAINTENANCE

EXCELLENT TEMPERATURE RESISTANCE





p. 688 / **PTFE-C**



p. 688 / **PTFE-C-BX**





From -60°C to +260°C

The PTFE-C tube, suitable for food, is realized with paste extruded PTFE. The high tensile stress and the high electrical and thermic insulate grade allow to our tubings to be used in different applications meeting quality standards like BS, DIN, UNI, AMS. Suitable for corrosive fluids and stem.



REACH

Products in compliance with the directive 2002/95/EC

RoHS2

Products in compliance with the directive 2011/65/EU



| GENERALS MECHANICAL FEATURES | DIN O ASTM | UNIT | DATES |
|-----------------------------------|-----------------|-------------------|-----------|
| DENSITY | 53479 | G/M ³ | 2,14-2,19 |
| COMBUSTIBILITY | NOT COMBUSTIBLE | | |
| WATER ABSORPTION | 53495 | % | < 0,01 |
| ULTIMATE TENSILE STRENGTH AT 23°C | 53455 | MPA | 29-39 |
| YIELD POINT AT 23°C | 53455 | N/MM ² | 10 |
| ELONGATION AT BREAK AT 23°C | 53455 | % | 200-300 |
| HARDNESS | 53505 | SH | D70 |
| TEMPERATURE/FUSION POINT | ASTM 2116 | °C | 327 |

pressure correction scale according to temperature

| | From -60°C to +40°C | From +40°C to +100°C | From +100°C to +150°C | From +150°C to +200°C | > +200°C |
|--------------------------------|---------------------|----------------------|-----------------------|-----------------------|----------|
| CORRECTION FACTORS OF PRESSURE | 1 | 0,8 | 0,6 | 0,2 | 0,1 |



PTFE-C

Calibrated PTFE tube






| CODE | SIZES | TOLERANCE EXTERNAL TUBE | WORKING PRESSURE (BAR) | BURST PRESSURE (BAR) | MINIMUM BENDING RADIUS (MM) | GR./MT. | MT. |
|------------|-------|-------------------------|------------------------|----------------------|-----------------------------|---------|-----|
| PTFE-C0425 | 4X2,5 | +/-0,1 | 30 | 90 | 15 | 19 | 100 |
| PTFE-C0604 | 6X4 | +/-0,1 | 25 | 76 | 15 | 37 | 100 |
| PTFE-C0806 | 8X6 | +/-0,1 | 18 | 54 | 30 | 51 | 100 |
| PTFE-C1008 | 10X8 | +/-0,15 | 14 | 42 | 70 | 66 | 100 |
| PTFE-C1210 | 12X10 | +/-0,15 | 12 | 35 | 100 | 80 | 100 |
| PTFE-C1412 | 14X12 | +/-0,2 | 10 | 29 | 120 | 95 | 50 |
| PTFE-C1613 | 16X13 | +/-0,2 | 9 | 27 | 140 | 160 | 50 |

PTFE-C-BX

Calibrated PTFE tube



| CODE | SIZES | TOLERANCE EXTERNAL TUBE | WORKING PRESSURE (BAR) | BURST PRESSURE (BAR) | MINIMUM BENDING RADIUS (MM) | GR./MT. | MT. |
|-----------------|-------|-------------------------|------------------------|----------------------|-----------------------------|---------|-----|
| PTFE-C0425-25BX | 4X2,5 | ±0,1 | 30 | 90 | 15 | 19 | 25 |
| PTFE-C0604-25BX | 6X4 | ±0,1 | 25 | 76 | 15 | 37 | 25 |
| PTFE-C0806-25BX | 8X6 | ±0,1 | 18 | 54 | 30 | 51 | 25 |
| PTFE-C1008-25BX | 10X8 | ±0,15 | 14 | 42 | 70 | 66 | 25 |

| Sizes ODxID |  Blue |  Red |  Natural |
|-------------|--|---|---|
| 4X2,5 | PTFE-C0425BL | PTFE-C0425RO | PTFE-C0425NU |
| 6X4 | PTFE-C0604BL | PTFE-C0604RO | PTFE-C0604NU |
| 8X6 | PTFE-C0806BL | PTFE-C0806RO | PTFE-C0806NU |
| 10X8 | PTFE-C1008BL | PTFE-C1008RO | PTFE-C1008NU |
| 12X10 | PTFE-C1210BL | PTFE-C1210RO | PTFE-C1210NU |
| 14X12 | PTFE-C1412BL | PTFE-C1412RO | PTFE-C1412NU |
| 16X13 | PTFE-C1613BL | PTFE-C1613RO | PTFE-C1613NU |

ADD -25BX TO END CODE FOR THE TUBE IN BOX

