

Polyurethane (PU) Tubing

Coilhose Pneumatics Polyurethane is extruded from high-quality ether-based resin. This means that the tubing will not degrade over time when exposed to water. Polyurethane tubing offers increased flexibility, resistance to kinking and a broad temperature range. All our polyurethane tubing is 95A durometer and can be used with either push-to-connect fittings or hose barbs.

Compatible with Coilock Push-to-Connect fittings (page 88-89) and Poly-Tube fittings (page 91).



| Specifications | |
|---------------------|--|
| Temperature Range | -40 °F to 165 °F |
| Vacuum Rating | Up to 28" Hg |
| Diameter Tolerances | 1/8" - 9/16" +/- .005" 3/4" +/- .007" |
| Working Pressure | 3:1 Safety Factor |
| Compliance | UL94HB |
| UV Stabilized | Yes |
| Hardness | 95A |

| Color Code Key | | | |
|----------------|--------|----|--------------------|
| K | Black | NG | Neon Green |
| B | Blue | TB | Transparent Blue |
| X | Gray | TC | Transparent Clear |
| G | Green | TG | Transparent Green |
| R | Red | TQ | Transparent Orange |
| P | Purple | TR | Transparent Red |
| Y | Yellow | TY | Transparent Yellow |
| Q | Orange | W | White |

ITEM NUMBER STRUCTURE

PT0203-100K

STANDARD SIZES

| Tube O.D. | Tube I.D. | Wall Thickness | Working Pressure @75 °F | Model |
|-----------|-----------|----------------|-------------------------|--------|
| 1/8" | .066" | .030" | 255 psi | PT0203 |
| 5/32" | 3/32" | .031" | 210 psi | PT2503 |
| 1/4" | 1/8" | .062" | 265 psi | PT0406 |
| 1/4" | .160" | .045" | 175 psi | PT0404 |
| 3/8" | .245" | .065" | 170 psi | PT0606 |
| 15/32" | 5/16" | .079" | 155 psi | PT0707 |
| 1/2" | .320" | .090" | 175 psi | PT0809 |
| 9/16" | 3/8" | .094" | 155 psi | PT0909 |
| 3/4" | .467" | .142" | 175 psi | PT1214 |

| Available Lengths (FT) |
|------------------------|
| 50, 250, 500, 2500 |
| 100, 400, 1000, 2500 |
| 100, 500, 1000 |
| 100, 500, 1000 |
| 100, 500 |
| 50, 250 |
| 50, 250 |
| 50, 200 |
| 150 |

| Colors Available |
|---|
| K, B, G, R, TB, TC, TY, Y |
| K, B, G, R, Q, TB, TC, TG, TR, W, Y |
| K, B, X, G, R, Q, TB, TC, TG, TQ, W, Y |
| K, B, X, G, R, P, Q, NG, TB, TC, TG, TR, TY, W, Y |
| K, B, X, G, R, Q, TB, TC, TR, TY, W, Y |
| NG |
| K, B, R, TB, TC, Y |
| K, B, G, R, TB, TC, Y |
| K, B, R, TB, TC |

METRIC SIZES

| Tube O.D. | Tube I.D. | Wall Thickness | Working Pressure @75 °F | Model |
|-----------|-----------|----------------|-------------------------|--------|
| 3mm | 1.8mm | 0.6mm | 230 psi | PT0306 |
| 4mm | 2.4mm | 0.8mm | 210 psi | PT0408 |
| 6mm | 4.0mm | 1.0mm | 160 psi | PT0610 |
| 8mm | 5.0mm | 1.5mm | 190 psi | PT0815 |
| 10mm | 6.5mm | 1.75mm | 170 psi | PT1017 |
| 12mm | 8.0mm | 2.0 mm | 155 psi | PT1220 |

| Available Lengths (FT) |
|------------------------|
| 100, 500 |
| 100, 400, 1000, 2500 |
| 100, 500, 1000 |
| 100, 500 |
| 50, 500 |
| 50, 250 |

| Colors Available |
|-----------------------------|
| K, TC |
| K, B, G, R, TB, TC, W, Y |
| K, B, G, R, Q, TB, TC, W, Y |
| K, B, G, R, TB, TC, W, Y |
| K, B, G, R, TB, TC, Y |
| K, B, R, TB, TC, W, Y |