

Comparison points with similar parts | We have not only tubes for air but also water resistant polyurethane tubes which can be used for water and other variety of products. We will ship a tube cut to the length you specify so that you can use it without any waste.



| Part Number | Standard Length (m) | Configurable Length (0.5m Increment) | Tube Color | I.D. (mm) | Min. Bending Radius (mm) | O.D. Accuracy (mm) | Mass (kg / m) | Standard | | Configurable Length | |
|-------------------------------|---------------------|--------------------------------------|------------------------------|---------------|--------------------------|--------------------|---------------|------------|----------------------|---------------------|--------------------------|
| | | | | | | | | Unit Price | Volume Discount Rate | Unit Price / m | Volume Discount Rate / m |
| PUT (Standard Length) | 3.2 | 10 | B (Black) C (Transparent) | 1.8 | 7 | ±0.1 | 0.0064 | 1-4 pc(s) | 5-10 | 1-4 pc(s) | 5-10 |
| | | 20 | | | | | | | | | |
| | | 100 | | | | | | | | | |
| | 4 | 10 | | 2.5 | 5 | ±0.1 | 0.009 | | | | |
| | | 20 | | | | | | | | | |
| | | 100 | | | | | | | | | |
| 6 | 10 | 4 | 12 | ±0.1 | 0.019 | | | | | | |
| | 20 | | | | | | | | | | |
| | 100 | | | | | | | | | | |
| 8 | 10 | 5 | 15 | ±0.1 | 0.037 | | | | | | |
| | 20 | | | | | | | | | | |
| | 100 | | | | | | | | | | |
| PUTL (Configurable Length) | 10 | 20 | 6.5 | 25 | ±0.1 | 0.055 | | | | | |
| | | | | | | | 100 | | | | |
| | | | | | | | 200 | | | | |
| 12 | 10 | 8 | 28 | +0.1 -0.15 | 0.076 | | | | | | |
| | 20 | | | | | | | | | | |
| | 100 | | | | | | | | | | |
| 16 | 10 | 11 | 30 | ±0.1 | 0.127 | | | | | | |
| | 20 | | | | | | | | | | |
| | 100 | | | | | | | | | | |

Material: Polyurethane



| Part Number | Standard Length (m) | Configurable Length (0.5m Increment) | Tube Color | I.D. (mm) | Min. Bending Radius (mm) | O.D. Accuracy (mm) | Mass (kg / m) | Standard | | Configurable Length | |
|--------------------------------|---------------------|--------------------------------------|------------------------------|---------------|--------------------------|--------------------|---------------|------------|----------------------|---------------------|--------------------------|
| | | | | | | | | Unit Price | Volume Discount Rate | Unit Price / m | Volume Discount Rate / m |
| PUTY (Standard Length) | 4 | 10 | B (Black) C (Transparent) | 2.5 | 17 | +0.05 -0.2 | 0.009 | 1-4 pc(s) | 5-10 | 1-4 pc(s) | 5-10 |
| | | 20 | | | | | | | | | |
| | | 100 | | | | | | | | | |
| 6 | 10 | 4 | | 28 | +0.05 -0.2 | 0.019 | | | | | |
| | 20 | | | | | | | | | | |
| | 100 | | | | | | | | | | |
| PUTYL (Configurable Length) | 8 | 10 | 5 | 36 | +0.05 -0.2 | 0.037 | | | | | |
| | | | | | | | 20 | | | | |
| | | | | | | | 100 | | | | |
| 10 | 10 | 6.5 | 45 | +0.05 -0.2 | 0.055 | | | | | | |
| | 20 | | | | | | | | | | |
| | 100 | | | | | | | | | | |

Material: Soft Polyurethane

Use Inserts for Soft Tubes on (P1390) when connecting these tubes to One-Touch Couplings.



| Part Number | Standard Length (m) | Configurable Length (0.5m Increment) | Tube Color | I.D. (mm) | Min. Bending Radius (mm) | O.D. Accuracy (mm) | Burst Pressure (MPa) | Normal Pressure (MPa) | Mass (kg / m) | Standard | | Configurable Length | |
|--------------------------------|---------------------|--------------------------------------|------------------------|-----------|--------------------------|--------------------|----------------------|-----------------------|---------------|------------|----------------------|---------------------|--------------------------|
| | | | | | | | | | | Unit Price | Volume Discount Rate | Unit Price / m | Volume Discount Rate / m |
| PUTN (Standard Length) | 3.2 | 10 | B (Black) W (White) | 2 | 7 | ±0.05 -0.10 | 5.4 | 1.8 | 0.0052 | 1-4 pc(s) | 5-10 | 1-4 pc(s) | 5-10 |
| | | 20 | | | | | | | | | | | |
| | | 100 | | | | | | | | | | | |
| | 4 | 10 | | 2.5 | 10 | ±0.05 | 6.0 | 2.0 | 0.008 | | | | |
| | | 20 | | | | | | | | | | | |
| | | 100 | | | | | | | | | | | |
| 6 | 10 | 4 | 20 | ±0.05 | 5.1 | 1.7 | 0.017 | | | | | | |
| | 20 | | | | | | | | | | | | |
| | 100 | | | | | | | | | | | | |
| PUTNL (Configurable Length) | 8 | 10 | 6.0 | 30 | ±0.05 | 3.9 | 1.3 | 0.026 | | | | | |
| | | | | | | | | | 20 | | | | |
| | | | | | | | | | 100 | | | | |
| 10 | 10 | 7.5 | 40 | ±0.05 | 3.6 | 1.2 | 0.040 | | | | | | |
| | 20 | | | | | | | | | | | | |
| | 100 | | | | | | | | | | | | |
| 12 | 10 | 9.0 | 55 | ±0.05 | 3.6 | 1.2 | 0.053 | | | | | | |
| | 20 | | | | | | | | | | | | |
| | 100 | | | | | | | | | | | | |

Material: Nylon (Polyamide)



| Part Number | Standard Length (m) | Configurable Length (0.5m Increment) | Tube Color | I.D. (mm) | Min. Bending Radius (mm) | O.D. Accuracy (mm) | Burst Pressure (MPa) | Normal Pressure (MPa) | Mass (kg / m) | Standard | | Configurable Length | |
|---------------------------------|---------------------|--------------------------------------|------------------------|-----------|--------------------------|--------------------|----------------------|-----------------------|---------------|------------|----------------------|---------------------|--------------------------|
| | | | | | | | | | | Unit Price | Volume Discount Rate | Unit Price / m | Volume Discount Rate / m |
| PUTHP (Standard Length) | 4 | 10 | B (Black) W (White) | 2.5 | 15 | ±0.05 | 8.8 | 2.9 | 0.008 | 1-4 pc(s) | 5-10 | 1-4 pc(s) | 5-10 |
| | | 20 | | | | | | | | | | | |
| | | 100 | | | | | | | | | | | |
| | 6 | 10 | | 4 | 25 | ±0.05 | 7.7 | 2.6 | 0.017 | | | | |
| | | 20 | | | | | | | | | | | |
| | | 100 | | | | | | | | | | | |
| 8 | 10 | 6 | 35 | ±0.05 | 5.5 | 1.8 | 0.023 | | | | | | |
| | 20 | | | | | | | | | | | | |
| | 100 | | | | | | | | | | | | |
| PUTHPL (Configurable Length) | 10 | 10 | 8 | 50 | ±0.05 | 5.1 | 1.7 | 0.029 | | | | | |
| | | | | | | | | | 20 | | | | |
| | | | | | | | | | 100 | | | | |
| 12 | 10 | 9 | 55 | ±0.05 | 5.5 | 1.8 | 0.052 | | | | | | |
| | 20 | | | | | | | | | | | | |
| | 100 | | | | | | | | | | | | |
| 16 | 10 | 12.8 | 100 | ±0.05 | 4.0 | 1.3 | 0.076 | | | | | | |
| | 20 | | | | | | | | | | | | |
| | 100 | | | | | | | | | | | | |

Material: Nylon (Polyamide)

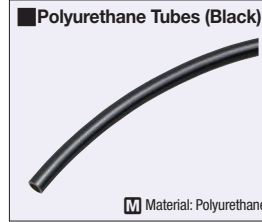


| Part Number | Standard Length (m) | Configurable Length (0.5m Increment) | Tube Color | I.D. (mm) | Min. Bending Radius (mm) | O.D. Accuracy (mm) | Mass (kg / m) | Standard | | Configurable Length | |
|---------------------------------|---------------------|--------------------------------------|------------------------|-----------|--------------------------|--------------------|---------------|------------|----------------------|---------------------|--------------------------|
| | | | | | | | | Unit Price | Volume Discount Rate | Unit Price / m | Volume Discount Rate / m |
| PUTNS (Standard Length) | 4 | 20 | W (White) B (Black) | 2.5 | 9 | ±0.1 | 0.009 | 1-4 pc(s) | 5-10 | 1-4 pc(s) | 5-10 |
| | | | | | | | | 10 | | | |
| | | | | | | | | 100 | | | |
| 6 | 10 | 4 | | 14 | ±0.1 | 0.017 | | | | | |
| | 20 | | | | | | | | | | |
| | 100 | | | | | | | | | | |
| 8 | 10 | 6 | 25 | ±0.1 | 0.023 | | | | | | |
| | 20 | | | | | | | | | | |
| | 100 | | | | | | | | | | |
| PUTNSL (Configurable Length) | 10 | 10 | 7.5 | 30 | ±0.1 | 0.036 | | | | | |
| | | | | | | | 20 | | | | |
| | | | | | | | 100 | | | | |
| 12 | 10 | 9 | 34 | ±0.1 | 0.052 | | | | | | |
| | 20 | | | | | | | | | | |
| | 100 | | | | | | | | | | |

Material: Nylon

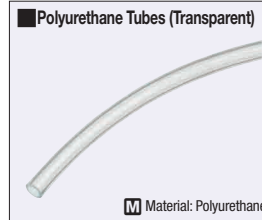
Ordering Example: Part Number - Length - Color
PUT4 - 10 - B
PUTNL8 - 2.5 - W

Comparison points with similar parts | Tubes exclusively for pneumatic plumbing. As they are sold in spiral windings, they may be kept in company stock or use them when large quantity of tubes are needed. Page of similar parts P.1385



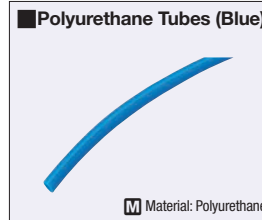
| Part Number | Length of 1 roll (m) | I.D. | O.D. Tolerance | Min. Bending Radius (mm) | Burst Pressure (MPa) | Normal Pressure (MPa) | Mass (kg / roll) | Unit Price 1 roll | |
|-----------------------|----------------------|------|----------------|--------------------------|----------------------|-----------------------|------------------|-------------------|------|
| | | | | | | | | | Type |
| EPTUB Color: Black | 200 | 2.5 | ±0.1 | 10 | 3.0 | 0.8 | 1.95 | | |
| | | | | | | | | | 4 |
| | | | | | | | | | 6 |
| | | | | | | | | | 8 |
| | | | | | | | | | 10 |
| 12 | 100 | 8.0 | ±0.15 | 35 | 2.6 | 0.8 | 7.6 | | |
| | | | | | | | | | 4 |
| | | | | | | | | | 6 |

It is delivered in a roll.



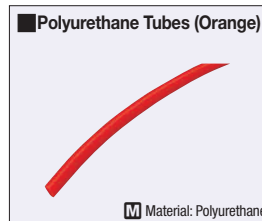
| Part Number | Length of 1 roll (m) | I.D. | O.D. Tolerance | Min. Bending Radius (mm) | Burst Pressure (MPa) | Normal Pressure (MPa) | Mass (kg / roll) | Unit Price 1 roll | |
|-----------------------------|----------------------|------|----------------|--------------------------|----------------------|-----------------------|------------------|-------------------|------|
| | | | | | | | | | Type |
| EPTUC Color: Transparent | 200 | 2.5 | ±0.1 | 10 | 3.0 | 0.8 | 1.95 | | |
| | | | | | | | | | 4 |
| | | | | | | | | | 6 |
| | | | | | | | | | 8 |
| | | | | | | | | | 10 |
| 12 | 100 | 8.0 | ±0.15 | 35 | 2.6 | 0.8 | 7.6 | | |
| | | | | | | | | | 4 |
| | | | | | | | | | 6 |

It is delivered in a roll.



| Part Number | Length of 1 roll (m) | I.D. | O.D. Tolerance | Min. Bending Radius (mm) | Burst Pressure (MPa) | Normal Pressure (MPa) | Mass (kg / roll) | Unit Price 1 roll | |
|-----------------------|----------------------|------|----------------|--------------------------|----------------------|-----------------------|------------------|-------------------|------|
| | | | | | | | | | Type |
| EPTUBL Color: Blue | 200 | 2.5 | ±0.1 | 10 | 3.0 | 0.8 | 1.95 | | |
| | | | | | | | | | 4 |
| | | | | | | | | | 6 |
| | | | | | | | | | 8 |
| | | | | | | | | | 10 |
| 12 | 100 | 8.0 | ±0.15 | 35 | 2.6 | 0.8 | 7.6 | | |
| | | | | | | | | | 4 |
| | | | | | | | | | 6 |

It is delivered in a roll.



| Part Number | Length of 1 roll (m) | I.D. | O.D. Tolerance | Min. Bending Radius (mm) | Burst Pressure (MPa) | Normal Pressure (MPa) | Mass (kg / roll) | Unit Price 1 roll | |
|-------------------------|----------------------|------|----------------|--------------------------|----------------------|-----------------------|------------------|-------------------|------|
| | | | | | | | | | Type |
| EPTURY Color: Orange | 200 | 2.5 | ±0.1 | 10 | 3.0 | 0.8 | 1.95 | | |
| | | | | | | | | | 4 |
| | | | | | | | | | 6 |
| | | | | | | | | | 8 |
| | | | | | | | | | 10 |
| 12 | 100 | 8.0 | ±0.15 | 35 | 2.6 | 0.8 | 7.6 | | |
| | | | | | | | | | 4 |
| | | | | | | | | | 6 |

It is delivered in a roll.

Ordering Example: Part Number - Length
EPTUB6 - 200
EPTUC12 - 100

Selection guide for specification and material to fluid (for reference)

| Type | Common | |
|---------------------------------|--|--------|
| Material | Polyurethane | |
| Applicable Fluid | Air | Vacuum |
| Temperature Range Specification | -5 ~ 60°C (Non-Freezing) | |
| Burst Pressure | 3.0MPa | |
| Max. Operating Pressure | 0.8MPa | |
| Operating Vacuum Level | -100kPa | |
| Features | <ul style="list-style-type: none"> • Smaller bend radius than Nylon Tubes • Excels in flexibility • Excellent mechanical (especially wear resistance) strengths | |

Precautions for Use

- Do not apply an excessive twisting, bending, or tensile force to a tube.
- When using a tube, observe the minimum bending radius.
- In piping, ensure that the tube length is long enough.
- When using a tube in combination with a one-touch coupling, check that its cross section forms a right angle.
- When using a tube in combination with a one-touch coupling, check that its outer diameter is not damaged or bent.
- Do not use a tube in the presence of flames or static electricity, or a fire may be caused.