Polyurethane Tubing
Series U: Polyether Base

Features
- 90 to 95 Shore A durometer
- Excellent kink and abrasion resistance
- Excellent hydrolytic stability
- Flexible and easy to assemble onto designated fittings
- Polyurethane tubing exhibits the elongation and recovery characteristics of rubber and the chemical resistance associated with plastics

Applications/Markets
- Pneumatic controls
- Robotics
- Machine tools
- General industrial pneumatics
- Vacuum equipment
- Analytical instrumentation
- Semiconductor equipment
- Medical and laboratory applications

Also available in coils

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Tube O.D.</th>
<th>Tube I.D.</th>
<th>Average Wall Thickness</th>
<th>Working Pressure at 73°F /23°C</th>
<th>Minimum Burst at 73°F /23°C</th>
<th>Reel Length</th>
<th>Weight</th>
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</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>psi</td>
<td>psi</td>
<td>feet</td>
<td>lbs./ft. kg./mtr.</td>
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<td>1/8</td>
<td>3.2</td>
<td>1.6</td>
<td>0.031</td>
<td>125</td>
<td>375</td>
<td>25.9</td>
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<td>4.8</td>
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</table>
**Fittings**

Parker Fittings available from:
Fluid System Connectors Division
Otsego, MI
(269) 692-6555
(269) 694-4614 FAX

FSC Product Families:
- Fast & Tite
- Flow Control
- Prestolok Brass
- Prestolok Composite
- TrueSeal™
- Par-Barb™

A tube support should be used with this tubing for maximum holding power where end loading, vibration or pressure spikes may occur. Reference Tubing/Fitting Compatibility Chart (pg. B-5)

**Notes**
- Suggested operating temperature range for service at rated pressures with compatible fluids is -40°F (-40°C) to +180°F (+82°C)

**Colors**
- See Color Code Table

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**Order Information**

**Example: U-21-BLK-0500**

- **U-21-BLK-0500 – Polyurethane**
- **U-21-BLK-0500 – Tube O.D. in sixteenths of an inch (1/8")**
- **U-21-BLK-0500 – Tube I.D. in sixteenths of an inch (.063")**
- **U-21-BLK-0500 – Color (Black) (Omit for Natural)**
- **U-21-BLK-0500 – Package Quantity in feet (500’)**

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**Opaque Color Code**

- ● Natural
- ● Black
- ● Blue
- ● Gray
- ● Green
- ● Orange
- ● Red
- ● White
- ● Yellow

**Transparent Color Code**

- ● Transparent Blue
- ● Transparent Green
- ● Transparent Orange
- ● Transparent Red
- ● Transparent Yellow

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**Polyurethane Tubing (Series U)**

**Maximum Working Pressure (psig)**

![Graph showing maximum working pressure (psig) vs. temperature (deg. F)](image)

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For detailed ordering information, please consult price list or contact Parflex® Division.

Parker Hannifin Corporation | Parflex® Division | Ravenna, Ohio | parker.com/pfd