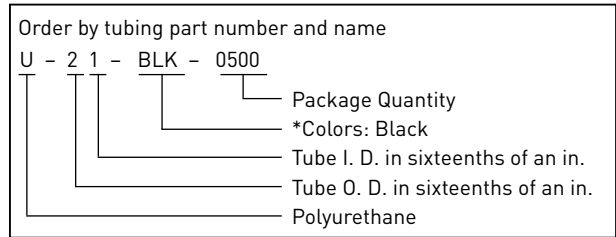


# Polyurethane Tubing

## Series U: Polyether Base

- Medium durometer (90 to 95 Shore A).
- The tubing is tough, strong, kink resistant and abrasion resistant.
- Excellent hydrolytic stability.
- Flexible and easy to assemble onto designated fittings.
- Broad temperature range.
- Available in eight colors.
- High quality, precision made tubing used in a wide range of demanding and critical applications.
- Polyurethane occupies a unique position among polymers, sharing the best properties of both rubber and plastic. Parflex Series U tubing exhibits the elongation and recovery characteristics of rubber and the chemical resistance associated with plastics.
- Used for a wide variety of applications. Typical usage includes air tools, robotics, pneumatic logic and actuation systems, analytical instrumentation, vacuum equipment, pressure measurement apparatus, semiconductor equipment manufacturers and a variety of medical and laboratory applications.
- The recommended operating temperature range for service at rated pressures with compatible fluids is -40°F (-40°C) to +180°F (+82°C).



### Fitting Recommendations:

- Parker TrueSeal™ fittings:  
A tube support should be used with this tubing, sizes -64 and -86, for maximum fitting holding power.
- Parker Fast & Tite® fittings:  
Requires use of a tube support
- Parker polyurethane Fast-Stor® fittings.
- Parker Par-Barb fittings.
- Parker Brass Fittings including MicroLok fittings available from:  
Brass Products Division  
Otsego, Michigan  
Phone (616) 694-9411

Also available in coils

Part Number	Nom. Tube O. D. in.	Nom. Tube I. D. in.	Wall Thick in.	Working Pressure at 73°F PSI	Min. Burst Pressure at 73°F PSI	Coil Length ft.	Weight lbs. Per 100ft.
#							
U-21-0050 U-21-0250 U-21-0500 U-21-1000	1/8	1/16	1/32	125	375	50 250 500 1000	0.46
U-32-0050 U-32-0250 U-32-0500	3/16	1/8	1/32	125	375	50 250 500	0.76
U-42-0050 U-42-0250 U-42-0500 U-42-1000	1/4	1/8	1/16	125	375	50 250 500 1000	1.80
U-64-0050 U-64-0100 U-64-0250 U-64-0500	3/8	1/4	1/16	125	375	50 100 250 500	3.00
U-85-0050 U-85-0100 U-85-0250	1/2	21/64	.086	125	375	50 100 250	4.40
U-86-0050 U-86-0250 U-86-0500	1/2	3/8	1/16	85	255	50 100 250	4.20
U-96-0050 U-96-0100	9/16	3/8	3/32	125	375	50 100	6.80
U-128-0050 U-128-0100	3/4	1/2	1/8	125	375	50 100	12.00

\*\* Suggested working pressure is 1/3 of burst pressure.  
Metric part numbers on the following page.

\*Colors: Clear-Blank, Black-BLK, Green-GRN, Red-RED, Yellow-YEL, Blue-BLU, Orange-ORG, Gray-GRA