Polyurethane Tube: U

Polyurethane tube is made from high-quality ether-based polyurethane. It is easy to work with due to its exceptional flexibility and close tolerance construction. Used for industrial robots and pneumatic piping.

- This tube will not kink and may be used in negative pressure (-750mm Hg) applications.
- Easy circuit tracing is possible with the choice of six colour options: black, blue, clear, yellow, red, and green.

Applications:

- Industrial robots
- Pneumatic lines
- Vacuum equipment
- Oil & Fuel delivery lines
- Air Tools
- Process Control
- Resistant to most oils, fuels and greases
- Ether formulation resists attack from moisture, fungus and radiation
- UV stable – good for outdoor use
- Excellent resistance to weathering, impact, abrasion and repeated flexing

Polyurethane Tube

U



MODEL[OUT-IN] Metric size

MODEL	Outer Dia mm	Inner Dia mm	Packing Unit (m)	The radius of curvature (mm)	Burst pressure (kg/cm²)	W.G (g) g/m	Color							
							C	BK	R	BU	Y	G	W	O
U-03020	3	2	200	8	30	7	•	•	•	•	•	•	•	•
U-04020	4	2	200	10	30	9	•	•	•	•	•	•	•	•
U-04025	4	2.5	200	10	30	9	•	•	•	•	•	•	•	•
U-06040	6	4	100	15	30	19	•	•	•	•	•	•	•	•
U-08050	8	5	100	24	30	36	•	•	•	•	•	•	•	•
U-08055	8	5.5	100	24	30	36	•	•	•	•	•	•	•	•
U-08060	8	6	100	24	30	36	•	•	•	•	•	•	•	•
U-10065	10	6.5	100	30	30	54	•	•	•	•	•	•	•	•
U-12080	12	8	100	36	30	74	•	•	•	•	•	•	•	•
U-12090	12	9	100	36	30	74	•	•	•	•	•	•	•	•
U-16110	16	11	50	36	30	128	•	•	•	•	•	•	•	•

MODEL[OUT-IN] Inch Size

MODEL	Outer Dia mm	Inner Dia mm	Packing Unit (m)	The radius of curvature (mm)	Burst pressure (kg/cm²)	W.G (g) g/m	Color							
							C	BK	R	BU	Y	G	W	O
U 1/8-1.6	3.17	1.6	200	8	30	7	•	•	•	•	•	•	•	•
U 1/8-2.0	3.17	2	200	8	30	7	•	•	•	•	•	•	•	•
U 5/32-2.0	3.97	2	200	10	30	9	•	•	•	•	•	•	•	•
U 5/32-2.5	3.97	2.5	200	10	30	9	•	•	•	•	•	•	•	•
U 3/16-3.2	4.76	3.2	100	12	30	13	•	•	•	•	•	•	•	•
U 1/4-4.2	6.35	4.2	100	15	30	22	•	•	•	•	•	•	•	•
U 5/16-5.0	7.94	5	100	24	30	36	•	•	•	•	•	•	•	•
U 3/8-6.4	9.52	6.4	100	30	30	53	•	•	•	•	•	•	•	•
U 1/2-8.5	12.7	8.5	100	36	30	85	•	•	•	•	•	•	•	•