



Flexible polyurethane pneumatic tubing designed for automation, robotics, motion control, and general industrial air systems. Offers excellent flexibility, kink resistance, and abrasion durability for dynamic applications. Lots are laser marked for full traceability - customization available.

SPECIFICATIONS

Virgin Polyester PU Material - UV Stabilized
 Fluid Type: Compressed Air, selected industrial fluids
 Hardness: 95A Shore
 Operating Pressure: -14 ~ +116 PSI (-1 ~ 8 bar)
 Operating Temperature: -20°C ~ +60°C
 Peak Temperature: +70°C (short duration)
 Bend Radius (Flow): 1" (26 mm)
 Minimum Bend Radius: 0.6" (15 mm)
 Abrasion Resistance: Excellent
 Hydrolysis Resistance: Limited vs. Polyether
 Chemical Resistance: Good against oils, greases, & many industrial fluids

Compliance & Certifications

- RoHS Compliant
- REACH Compliant
- ISO 9001 Manufacturing
- CE
- FDA Food-Grade Option Available*

* Availability depends on grade and application requirements.

ORDER CODE

PU	8X5	100	BK		
Polyurethane Tube	Tube Dia	LENGTH(m) 100m/ (Roll)	COLOR	CODE	
			Transparent	TR	
			Black	BK	
			Blue	BU	
			Orange	OR	
			Transparent blue	TRBU	
			Transparent green	TRGN	
			Dark blue	DKBU	
			Light blue	LTBU	
			Yellow	YL	
			Red	RD	
			Green	GN	
			Silver	SV	

STANDARD SIZES

Item No.	Metric			Working Pressure	Disruptive Pressure	Bevelling Radius	Weight
	Outer O.D	Inner I.D	Length				
	mm	mm	M				
PU 4*2.5	4	2.5	200	8.00	24	10.00	2.30
PU 4*2	4	2	200	10.00	30	12.00	2.60
PU 6*4	6	4	200	8.00	24	15.00	4.31
PU 6*4	8	5	100	10.00	30	20.00	4.15
PU 8*5.5	8	5.5	100	8.00	24	22.00	3.65
PU 10*6.5	10	6.5	100	10.00	30	25.00	5.66
PU 12*8	12	6	100	10.00	30	35.00	8.25
PU 16*11	16	11	100	10.00	30	75.00	11.10
PU 16*12	16	12	100	8.00	24	75.00	11.10
PU 1/8	3.17	1.5	200	8.00	24	6.00	1.77
PU 5/32	7.94	2.5	200	8.00	24	22.00	2.50
PU 1/16	4.76	3	100	8.00	24	15.00	3.98
PU 1/4	4.16	4.3	100	8.00	24	13.00	4.60
PU 5/16	3.96	1.5	100	8.00	24	22.00	3.65
PU 5/8	6.35	6.35	100	8.00	24	25.00	5.50
PU 1/4	12.7	8.7	100	10.00	24	40.00	6.10
PU 5/8	15.87	12	100	8.00	24	75.00	11.10