



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 Polyether PU Material - UV Stabilized

Fluid Type: Compressed Air, Water

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: High (Polyether)

Chemical Resistance: Good against oils, greases, & solvents

Compliance & Certifications

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

STANDARD SIZES

Item No.	Metric			Working Pressure	Disruptive Pressure	Bevelling Radius	Weight
	Outer O.D	Inner I.D	Length				
	mm	mm	M	Kgf/cm ²	Kgf/cm ²	mm	Kg/Reel
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	3.5	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

ORDER CODE

PU	8X5	100	BK
Polyurethane Tube	Tube Dia OD / ID	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