



Technical Data Sheet

Polyurethane Tubing (Shore 98A)

Applications

- Pneumatics controls
- Semiconductor equipment
- Vacuum equipment
- Automotive
- General manufacturing applications
- Fuel and lubrication line

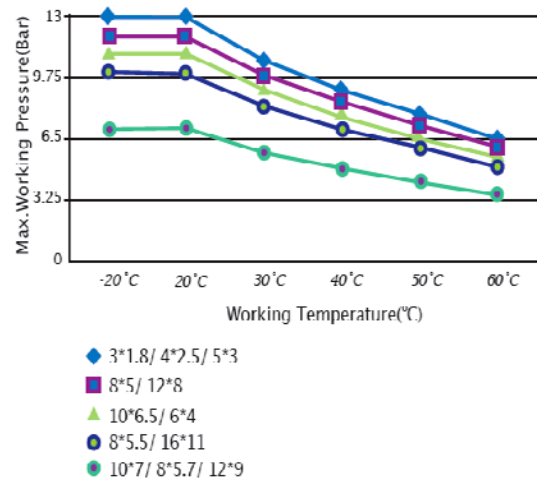
Features

- Extremely Flexible
- Ultra Kink Resistant
- Excellent Memory
- Abrasion Resistant
- Low gas Permeability
- Resistant to chemicals, fuel, oil and fungus
- Silicon-free

Technical Data

Working Pressure	Safety factor 3 to 1
Temperature Range	- 20°C to + 60°C (-4°F to +140 °F)
Tube O.D.	Tube O.D. Tolerance
4 to 8 mm	±0.10 mm
10 to 12mm	±0.15 mm
16mm	±0.2mm
1/8" to 3/8"	±0.005"
1/2"	±0.007"
9/16"	±0.008"

Max. Working Pressure at Different Temperature Reference Chart (Metric Size)



PART NUMBER	TUBE O.D.	TUBE I.D.	WALL THICKNESS	MAX. WORKING PRESSURE AT 23°C	MIN. BURST PRESSURE AT 23°C	MIN. BEND RADIUS	PACKAGE LENGTH
	mm	mm		bar	bar		
US3018	3.0	1.8	0.6	13	39	10	50,100,200
US4025	4.0	2.5	0.75	13	39	10	50,100,200
US5030	5.0	3.0	1.0	13	39	15	50,100,200
US6040	6.0	4.0	1.0	11	33	20	50,100,200
US8050	8.0	5.0	1.50	12	36	30	50,100
US8055	8.0	5.5	1.25	10	30	30	50,100
US8057	8.0	5.7	1.15	8	24	35	50,100
US1065	10.0	6.5	1.75	11	33	35	50,100
US1070	10.0	7.0	1.5	9	27	50	50,100
US1280	12.0	8.0	2.0	10	30	40	50,100
US1290	12.0	9.0	1.5	7	21	45	50,100
US1611	16.0	11.0	2.5	10	30	50	50,100

*Other hardness, sizes and colors available on request.