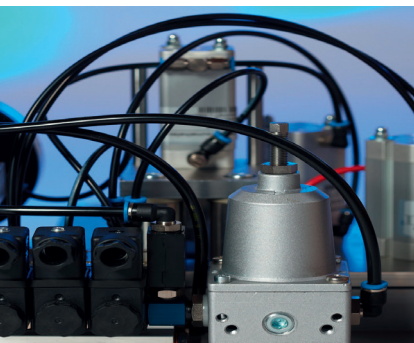


Flexible. Specific. Innovative.

Polyurethane pneumatic tubing Shore 98 A



Benefits:

- lightweight
- high flexibility at low temperatures
- UV resistant
- high elasticity
- good damping behaviour
- excellent abrasion resistance
- excellent resistance against tear propagation
- kink resistant
- oil and grease resistant
- easily fitted
- ideally suited for push-in connectors
- minimal pressure loss
- available in a range of colours
- small bending radius
- unplasticized so no embrittlement

Applications:

- Pneumatic control line
- Machine building

Temperature range:

- - 40 °C to + 85 °C
- - 40 °F to + 185 °F

Standard colours:

- ☐ Nature
- ☒ Black
- ☒ Blue

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NOVOPLAST
SCHLAUCHTECHNIK
Connecting Values

Polyurethane pneumatic tubing Shore 98 A

Tube dimension			Tolerance ID & OD	Weight	Max. working pressure resistance	Min. bending radius
ID*	WT*	OD*	mm	g/m	bar (at 23°C)	mm
2	1	4	± 0,10	11	20	20
2,7	0,65	4	± 0,10	9	11	20
3	1	5	± 0,10	15	15	25
4	1	6	± 0,10	19	12	30
5	1,5	8	± 0,10	37	13	40
5,5	1,25	8	± 0,10	32	11	40
5,7	1,15	8	± 0,10	30	10	40
6	1	8	± 0,10	27	8	40
6,5	1,75	10	± 0,10	55	12	50
7	1,5	10	± 0,10	49	10	50
8	1	10	± 0,10	34	6	50
8	2	12	± 0,15	77	12	60
9	1,5	12	± 0,15	60	8	60
11	2,5	16	± 0,20	129	11	80

*ID = inside diameter, WT = wall thickness, OD = outside diameter

Pressure diagram for PUR Shore 98 A

Working pressure (%) utilisation factor as a function of temperature (°C/°F).

