

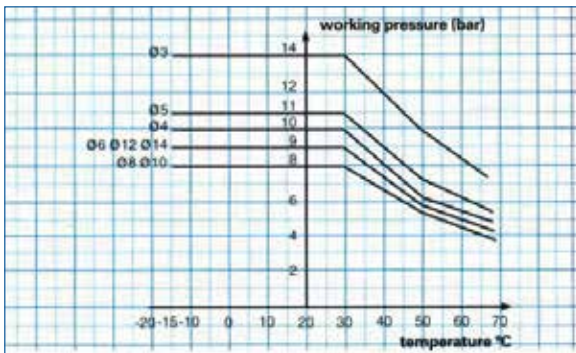
# CLOSE TOLERANCE FLEXIBLE POLYURETHANE TUBING



The high flexibility of flexible polyurethane tubing allows compact cabling where a small bend radius is required. Flexible polyurethane tubing has a shore hardness 52°D and conforms to NFE 49.101 standard.

## PRESSURE AND TEMPERATURE RESISTANCE OF POLYURETHANE TUBING

In the graph below, each curve represents the acceptable maximum pressure at a given temperature, by diameter.  
Example: polyurethane tube, Ø4mm, at 20°C, working pressure = 10 bar.



To calculate burst pressure, the values in the graph (left) should be multiplied x 3.

Technical characteristics of polyurethane tubing also depend on the type of connection used.

## 1025U FLEXIBLE POLYURETHANE TUBING

O.D. TUBE MM	I.D. TUBE MM	R Min. bend radius for tube at ambient temp. (MM)	FLEXIBLE POLYURETHANE TUBING IN 25M ROLLS							WEIGHT KG FOR 25M
			P/N. Black (Prefix PE)	P/N. Green (Prefix PE)	P/N. Red (Prefix PE)	P/N. Blue (Prefix PE)	P/N. Yellow (Prefix PE)	P/N. Grey (Prefix PE)	P/N. White (Prefix PE)	
3	1.8	8	1025U030118							0.020
4	2.5	10	1025U0401	1025U0402	1025U0403	1025U0404	1025U0405	1025U0406	1025U0408	0.310
5	3	13	1025U0501			1025U0504			1025U0508	0.522
6	4	15	1025U0601	1025U0602	1025U0603	1025U0604	1025U0605	1025U0606	1025U0608	0.591
8	5.5	20	1025U0801	1025U0802	1025U0803	1025U0804	1025U0805	1025U0806	1025U0808	0.971
10	7	25	1025U1001	1025U1002		1025U1004	1025U1005	1025U1006	1025U1008	1.467
12	8	35	1025U1201	1025U1202		1025U1204	1025U1205	1025U1206	1025U1208	2.406
14	9.5	45	1025U140195			1025U140495				2.815

## 1100U FLEXIBLE POLYURETHANE TUBING

O.D. TUBE MM	I.D. TUBE MM	R Min. bend radius for tube at ambient temp. (MM)	FLEXIBLE POLYURETHANE TUBING IN 100M ROLLS						WEIGHT KG FOR 100M
			P/N. Black (Prefix PE)	P/N. Green (Prefix PE)	P/N. Red (Prefix PE)	P/N. Blue (Prefix PE)	P/N. Yellow (Prefix PE)	P/N. Grey (Prefix PE)	
4	2.5	10	1100U0401	1100U0402	1100U0403	1100U0404	1100U0405	1100U0406	1.092
5	3	13	1100U0501			1100U0504			1.605
6	4	15	1100U0601	1100U0602	1100U0603	1100U0604	1100U0605	1100U0606	2.064
8	5.5	20	1100U0801	1100U0802	1100U0803	1100U0804	1100U0805	1100U0806	3.610
10	7	25	1100U1001			1100U1004			6.105
12	8	35	1100U1201			1100U1204			8.610
14	9.5	45	1100U140195			1100U140495			11.215