

POLYURETHANE TUBING

Polyhose Proprietary Product



- Properties**
- UV-Resistant
 - Silicone free
 - Good vibration absorption
 - Supreme abrasion resistance
 - Consistent tensile strength for long life

Application Pneumatics, Robotics, Automation, Cabling, Food processing

Note: Also special sizes and colours are available on request

Technical Details

Metric size

Item Code	OD	ID	WT	WP	BP	BR/r	W
	mm	mm	mm	bar	bar	mm	g/m
13-0040000200LB	4.00	2.00	1.00	13	39	10	12
13-0040000250LB	4.00	2.50	0.75	13	39	10	10
13-0043000290LB	4.30	2.90	0.70	13	39	13	10
13-0050000300LB	5.00	3.00	1.00	13	39	15	17
13-0060000400LB	6.00	4.00	1.00	11	33	20	21
13-0080000500LB	8.00	5.00	1.50	12	36	30	40
13-0080000550LB	8.00	5.50	1.25	10	30	30	35
13-0080000600LB	8.00	6.00	1.00	8	24	35	29
13-0100000650LB	10.00	6.50	1.75	11	33	35	60
13-0100000700LB	10.00	7.00	1.50	9	27	50	53
13-0100000800LB	10.00	8.00	1.00	9	27	50	37
13-0120000800LB	12.00	8.00	2.00	10	30	40	83
13-0120000900LB	12.00	9.00	1.50	7	21	45	65
13-0120001000LB	12.00	10.00	1.00	7	21	45	46
13-0140000950LB	14.00	9.50	2.25	8	24	45	110
13-0140001000LB	14.00	10.00	2.00	8	24	45	99
13-0160001100LB	16.00	11.00	2.50	10	30	50	140
13-0160001200LB	16.00	12.00	2.00	10	30	50	116

4

Imperial size

Item Code	OD		ID		WT		WP	BP	BR/r		W
	inch	mm	inch	mm	inch	mm	bar	bar	inch	mm	g/m
13-0040000240LB	5/32	4.0	0.094	2.4	0.031	0.79	10	30	3/8	10	11
13-0048000270LB	3/16	4.8	0.107	2.7	0.040	1.02	11	34	3/8	10	16
13-0064000410LB	1/4	6.4	0.160	4.1	0.045	1.14	10	30	1/2	13	25
13-0079000470LB	5/16	7.9	0.187	4.7	0.062	1.57	11	34	1/2	13	42
13-0095000640LB	3/8	9.5	0.250	6.4	0.062	1.57	9	27	1	25	51
13-0127000810LB	1/2	12.7	0.320	8.1	0.090	2.29	10	31	1 1/8	29	99
13-0143000950LB	9/16	14.3	0.375	9.5	0.094	2.39	9	27	2	51	118

Tolerance

Tube O.D Range	Tube O.D Tolerance
4 to 8 mm	+0.10 / -0.10
10 to 16 mm	+0.15 / -0.15

Packaging

Tube coil quantity (m)	Reel quantity (m)
50	100
100	
200	



Temperature Range: Continuous: -20°C to +70°C