Media: air – inert gas - vacuum

Polyurethane Tubing

Polyester PU Pneumatic Tubing (Ester Based)

4 – 16mm

50M, 100M & 200M

BLUE, BLACK, GREEN, RED YELLOW, ORANGE or TRANSPARENT



POLYURETHANE TUBE

OD	ID	Pressure 20°C ambient			Minimum Bend Radius (mm)	OD Tolerance (mm)	Colour	Roll Length (Meters)	Part Number	
		Working		Burst						
		Bar	PSI	(Bar)						
4	**2**	22	312	66	15	+/- 0.1	Black (B) Blue (BL) Green (G) Red (R) Yellow (Y) Transparent(T) Orange (OR)	100	PU-0420-100M + colour code	
4	**2**	22	312	66	15	+/- 0.1		200	PU-0420 + colour code	
4	**2.5**	15	217	45	15	+/- 0.1		100	PU-0425-100M + colour code	
4	**2.5**	15	217	45	15	+/- 0.1		200	PU-0425 + colour code	
6	**4**	14	203	42	25	+/- 0.1		100	PU-0640-100M + colour code	
6	**4**	14	203	42	25	+/- 0.1		200	PU-0640 + colour code	
8	**5**	15	217	45	30	+/- 0.1		100	PU-0850 + colour code	
10	**6.5**	14	203	42	40	+/- 0.15		100	PU-1065 + colour code	
11	**8**	6	85	18	35	+/- 0.15		100	PU-1180 + colour code	
12	**8**	13	188	39	50	+/- 0.15		100	PU-1280 + colour code	
16	**12**	9	130	27	100	+/- 0.15		50	PU-1612 + colour code	
16	**12**	9	130	27	100	+/- 0.15		100	PU-1612-100M + colour code	
16	**13**	5	70	18	100	+/- 0.15		50	PU1613 + colour code	

Physical Properties

Hardness: 98 Shore A (ASTM D-2240), Tensile Strength: 600 bar (ASTM D-638), Ultimate Elongation: 490–590% (ASTM D-638), Taber Abrasion: 30–40 mg (ASTM D-1044), Tear Strength: 155 bar (ASTM D-732), Base Polymer: Polyester TPU

Burst pressure according to temperature.

Burst pressure ratio	20°C	30°C	50°C	60°C
	100%	80%	60%	45%







