

Low Density Polyethylene Tubing.

Features :

1. Excellent dimensional stability.
2. Excellent chemical resistance.
3. High degree of flexibility and impact resistance.
4. Biologically inert.
5. Manufactured from FDA approved materials (Natural tube only).
6. UV resistant in all colours



Colour : Natural, Blue, Red, Yellow, Green, Grey, Black.

Material Properties:

Specific Gravity 0.92 ± 0.02
Tensile Strength 17.0 N.mm^{-2}
Elongation at Break 550 %

These properties are based on data which is believed to be reliable. They are given for information only as we cannot accept responsibility for operations outside our control.

	Symbol	Nominal O.D.	Nominal I.D.	Tolerance	Min Bend Radius
		mm	mm	mm	mm
Metric	0425	ø4	2.4	+0.05/-0.07	30
	0604	ø6	3.75	+0.05/-0.10	42
	0806-5160	ø8 (5/16)	5.5	+0.05/-0.10	56
	1075	ø10	6.8	+0.05/-0.10	70
	1209	ø12	8.6	+0.05/-0.10	84
	1612	ø16	11.8	+0.05/-0.10	120
			Inch	Inch	Inch
Imperial (inch)	1800	ø1/8	0.09	+0.01/-0.003	1.18
	3160	ø3/16	0.12	+0.01/-0.003	1.37
	1400	ø1/4	0.16	+0.01/-0.004	1.65
	3800	ø3/8	0.25	+0.01/-0.004	2.75
	1200	ø1/2	0.37	+0.01/-0.004	3.30

Symbol	Colour
BK	Black
BU	Blue
G	Green
R	Red
N	Natural
GY	Grey

Recommended Temperature / Pressure range

° Celsius	-20	0	10	20	30	40	50	60
Working psi.	250	220	180	150	120	100	90	80

Hydraulic burst pressure—(minimum) 3000 kPa (450 psi) @ 20° C

Note! Prolonged exposure to temperatures over 40°C may have aging effect on tube in certain environments.