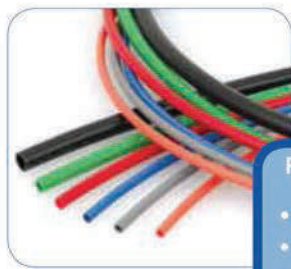




## PNEUMATIC TUBING

# Polyethylene Tubing

## Common Tubing for Common Applications



### Polyethylene Applications

- Potable Water Feed/Drains
- Pneumatic or Signal Lines
- Liquid/Air Transfer

Polyethylene is the most commonly used tubing due to its flexibility, wide range of chemical resistance and lower cost.

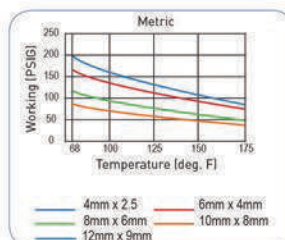
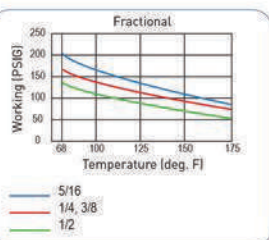
### Polyethylene Property Overview

- Flexible
- Chemically Inert
- UV Resistant (Black tube)
- Temperature Range:  
-100°F to +175°F (-73°C to +80°C)

### Typical Applications

- Low Pressure Pneumatics

LLDPE has a much higher resistance to stress cracking as compared to other Polyethylene compounds. It is also chemically inert, meaning it forms a good barrier against moisture, vapors and gases – minimizing the possibility of leaks or contamination. Where prolonged exposure to sunlight or ultraviolet (UV) light is a concern, black tubing is recommended for extended life.



### Polyethylene Fractional Inch Tubing

Tube O.D.	Tube I.D.	Wall Thickness	Part Number			Min. Bend Radius	Weight	Working Pressure			Burst Pressure	Color Code
			100'	500'	1000'			PSI@68°F	PSI@125°F	PSI@68°F		
Inch	inch	inch	Reel	Reel	Reel	inch	1000' (lbs.)					Suffix Key
1/4	0.170	0.040	6244	6444	6644	3/4	10.9	167	107	500		0 = Natural
5/16	0.190	0.062	6255	6455	6655	5/8	20.2	200	128	600		1 = Black
3/8	0.250	0.062	6266	6466	6666	1-1/8	25.3	167	107	500		2 = Red
1/2	0.375	0.062	6288	6988 *	6688	2-1/8	35.5	133	85	400		3 = Blue

\* Indicates 250' Reel

Adding a Color Code suffix to the part number is required. If no Color code is selected, Natural (0) color will be supplied. Custom sizes, cut lengths, reel lengths and colors are available upon request - contact Customer Service.

### Polyethylene Metric Tubing

Tube O.D.	Tube I.D.	Wall Thickness	Part Number			Min. Bend Radius	Weight	Working Pressure			Burst Pressure	Color Code
			100'	500'	1000'			PSI@68°F	PSI@125°F	PSI@68°F		
mm	mm	mm	Reel	Reel	Reel	mm	1000' (lbs.)					Suffix Key
4	2.5	0.75	7203	7503	7803	12	5.0	200	125	600		0 = Natural
6	4	1.00	7206	7506	7806	36	10.2	167	110	500		1 = Black
8	6	1.00	7208	7508	7808	48	14.2	117	70	350		2 = Red
10	8	1.00	7211	7511	7811	60	18.3	83	50	250		3 = Blue
12	9	1.50	7213	7513	7813	70	31.5	117	70	350		4 = Green

5 = Yellow  
6 = Orange  
7 = Gray