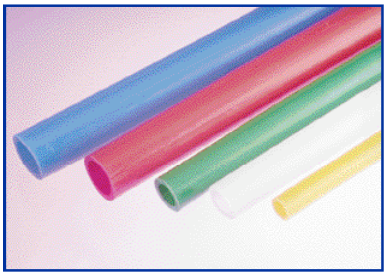
Polyethylene Tubing



Polyethylene is one of the most popular choices for low pressure tubing due to its resistance to most chemicals and solvents, good flexibility and economical cost. Our PE Tubing is manufactured from high quality resins and extruded to close tolerances. We offer five popular sizes. Compatible with Coilock Fittings (pages 73 - 74) and Poly-Tube Fittings (page 75).

Standard Size Ordering Information

Tube O.D.	Tube I.D.	Wall Thickness	WP at 75° F	Tube Length	Model
1/8"	.062"	.031"	120 PSI	100'	**PE021-100_**
1/8"	.062"	.031"	120 PSI	500'	**PE021-500_**
1/8"	.062"	.031"	120 PSI	1000'	**PE021-1000_**
1/8"	.062"	.031"	120 PSI	2500'	**PE021-2500_**
5/32"	.106"	.025"	166 PSI	100'	**PE2510-100_**
5/32"	.106"	.025"	166 PSI	250'	**PE2510-250_**
5/32"	.106"	.025"	166 PSI	1000'	**PE2510-1000_**
5/32"	.106"	.025"	166 PSI	2500'	**PE2510-2500_**
1/4"	.170"	.040"	173 PSI	100'	**PE0417-100_**
1/4"	.170"	.040"	173 PSI	500'	**PE0417-500_**
1/4"	.170"	.040"	173 PSI	1000'	**PE0417-1000_**
5/16"	.236"	.038"	125 PSI	100'	**PE3103-100_**
5/16"	.236"	.038"	125 PSI	500'	**PE3103-500_**
3/8"	.250"	.062"	192 PSI	100'	**PE064-100_**
3/8"	.250"	.062"	192 PSI	500'	**PE064-500_**
1/2"	.375"	.062"	123 PSI	100'	**PE086-100_**
1/2"	.375"	.062"	123 PSI	250'	**PE086-250_**
1/2"	.375"	.062"	123 PSI	500'	**PE086-500_**
5/8"	.50"	.062"	117 PSI	100'	**PE106-100_***
5/8"	.50"	.062"	117 PSI	300'	**PE106-300_***

Complete model number by adding suffix for required color:

Black: K **Blue: B** **Green: G**
Natural: N **Red: R** **Yellow: Y**

*Only available in Black or Natural.

Metric Size Ordering Information

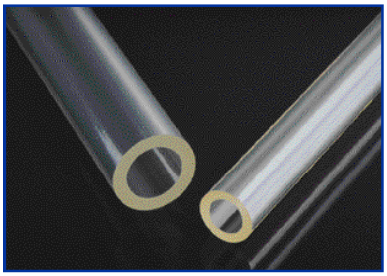
Tube O.D.	Tube I.D.	Wall Thickness	WP at 75° F	Tube Length	Model
4.0 mm	2.7 mm	.65 mm	166 PSI	100'	**PE0465-100_**
4.0 mm	2.7 mm	.65 mm	166 PSI	250'	**PE0465-250_**
4.0 mm	2.7 mm	.65 mm	166 PSI	1000'	**PE0465-1000_**
6.0 mm	4.0 mm	1.0 mm	170 PSI	100'	**PE0610-100_**
6.0 mm	4.0 mm	1.0 mm	170 PSI	500'	**PE0610-500_**
6.0 mm	4.0 mm	1.0 mm	170 PSI	1000'	**PE0610-1000_**
8.0 mm	6.0 mm	1.0 mm	118 PSI	100'	**PE0810-100_**
8.0 mm	6.0mm	1.0 mm	118 PSI	500'	**PE0810-500_**
10.0 mm	8.0 mm	1.0 mm	90 PSI	100'	**PE1010-100_**
10.0 mm	8.0 mm	1.0 mm	90 PSI	500'	**PE1010-500_**
12.0 mm	9.0 mm	1.5 mm	113 PSI	100'	**PE1215-100_**
12.0 mm	9.0 mm	1.5 mm	113 PSI	250'	**PE1215-250_**
12.0 mm	9.0 mm	1.5 mm	113 PSI	500'	**PE1215-500_**

Complete model number by adding suffix for required color:
METRIC ONLY **Black: K** **Natural: N**

Specifications

Temperature Range: . . . . . .**-40° F to +150° F**
Vacuum Rating:. . . . . .**To 28" Hg.**
Diameter Tolerances: . . . . . .**-0.004" all inch sizes;**
-0.1 mm all Metric sizes
Hardness: . . . . . .**44 Shore D**
Working Pressure: . . . . . .**3 to 1 Safety Factor**
Compliance: . . . . . .**PDA for food contact**

Polyvinyl (PVC) Tubing



Polyvinyl (PVC) Tubing is a clear, lightweight non-toxic tubing that is more flexible than Nylon and Polyethylene. It is resistant to most chemicals and solvents and can be sterilized repeatedly. PVC is also superior to glass in clarity and flexibility. Coilhose Polyvinyl Tubing eliminates breakage and facilitates repeated, intricate bending. A glass-smooth I.D. prevents sediment accumulation.

Our PVC Tubing complies with government regulations for hospitals and food processing (F.D.A. Standards). Common applications include use in chemical, industrial, laboratory, medical, food and beverage industries.

PVC can be safely used in temperature ranges of -30° F to +150° F. Compatible with Poly-Tube Fittings (page 75) and Hose Barbs (page 76).

Ordering Information

Tube O.D.	Tube I.D.	Wall Thickness	WP at 75° F	Tube Length	Model
1/8"	1/16"	.031"	60 PSI	100'	**PV021-100**
1/4"	.170"	.040"	65 PSI	100'	**PV0417-100**
1/4"	1/8"	.062"	85 PSI	100'	**PV042-100**
5/16"	3/16"	.062"	73 PSI	100'	**PV053-100**
3/8"	1/4"	.062"	73 PSI	100'	**PV064-100**
1/2"	3/8"	.062"	60 PSI	100'	**PV086-100**
3/4"	1/2"	.125"	60 PSI	100'	**PV1208-100**

Specifications

Temperature Range: . . . . . .**-30° F to +150° F**
Vacuum Rating:. . . . . .**Not Recommended**
Hardness: . . . . . .**80A Durometer**
Working Pressure: . . . . . .**3 to 1 Safety Factor**
Compliance: . . . . . .**FDA for food contact**