

Polyethylene Tubing - LLDPE Tubing



Made in U.S.A.

Polyethylene Tubing - LLDPE Tubing

- Made from non-toxic ingredients conforming to FDA standards
- Does not impart a taste or odor
- Flexible, lightweight, durable
- Translucent natural or opaque colors
- Made from 100% virgin grade raw materials
- Good dielectric properties
- Low density is listed by the National Sanitation Foundation (NSF 51)
- Linear Low Density Tubing offers enhanced resistance to stress cracking
- Chemically inert; forms a good barrier to gases, vapors, and moisture

APPLICATIONS

Air Lines • Chemical Lines • Fluid Lines • Food & Beverage • Hospital Uses • Instrumentation • Laboratory Uses • OEM Large Machines • Spacers • Wire Jacketing

Physical Properties**

	Low Density	Linear Low Density
Hardness, Shore D \pm 5	50	50
Tensile Strength, psi	1600	2250
Elongation at Break, %	500	600
Brittle Temperature	-76°F	-76°F
Vicat Softening Point	201°F	196°F
Max. Operating Temperature	150°F	140°F

**Values listed are typical and are meant only as a guide to aid in design. Field testing should be performed to find the actual values for the application.

ECT MFG.

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LLDPE - LINEAR LOW DENSITY POLYETHYLENE TUBING

ID	OD	Wall	Available Lengths	Working PSI (at 70°F)	Burst PSI (at 70°F)	Weight (lbs/100 ft)
.125 (1/8)	.250 (1/4)	.063 (1/16)	500, 2000	180	720	1.47
.170	.250 (1/4)	.040	100, 500	135	540	1.05
.188 (3/16)	.313 (5/16)	.063 (1/16)	100, 500	140	560	2
.250 (1/4)	.375 (3/8)	.063 (1/16)	100, 500	120	480	2.5
.375 (3/8)	.500 (1/2)	.063 (1/16)	100, 500	90	360	3.5
.500 (1/2)	.625 (5/8)	.063 (1/16)	100, 500	70	280	4.4
.625 (5/8)	.750 (3/4)	.063 (1/16)	100	60	240	5.4
.750 (3/4)	1.000	.125 (1/8)	100	90	360	13.7
.875 (7/8)	1.000	.063 (1/16)	100	45	180	7.4
1.000	1.250	.125 (1/8)	100	72	288	17.6
1.250	1.500	.125 (1/8)	50	59	236	21.5
1.500	1.750	.125 (1/8)	50	50	200	25.5

OD is the critical dimension for fittings application.

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