

Zelite™

Linear Low Density Polyethylene Tubing



Celebrating over

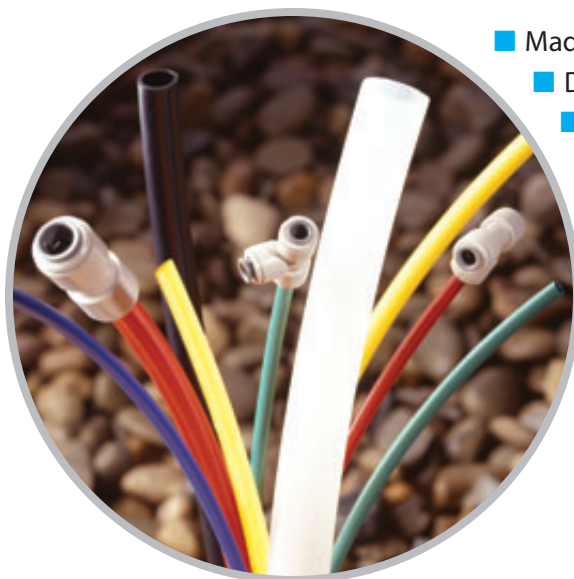
50
Years
of Service
1954-2008

ESOP Employee Owned
for Your Benefit

**NEWAGE
INDUSTRIES**

Fluid Transfer Specialists®

Linear Low Density Polyethylene Tubing



- Made from non-toxic ingredients conforming to FDA standards
- Does not impart a taste or odor to critical streams
- Flexible, lightweight, durable
- Translucent natural or opaque colors
- Made from 100% virgin grade raw materials
- Good dielectric properties
- Offers enhanced resistance to stress cracking
- Chemically inert; forms a good barrier to gases, vapors, and moisture



Notes

ZELITE conforms to the applicable regulations of the FDA for use of articles intended for contact with food. The increased tensile strength of ZELITE Linear Low Density, over that of a low density polyethylene, enhances its resistance to splitting during use.

FEP-lined polyethylene, offering superior purity at a very reasonable cost, is available through minimum order. Medium-high and ultra-high density polyethylene material is available through minimum order. Call for details on these custom products.

Physical Properties**

Hardness, Shore D ±5	50
Tensile Strength, psi	2250
Elongation at Break, %	600
Brittle Temperature, °F	-76
Vicat Softening Point, °F	196
Maximum Operating Temperature, °F	140

**Values listed are typical for the material used in manufacture, except where noted, and are meant only as a guide to aid in design. Field testing should be performed to find the actual values for your application.

Recommended Fittings

- Newloc® push-to-connect fittings

PART NO. NATURAL	PART NO. BLACK	ID (IN.)	OD (IN.)	WALL (IN.)	STD. LENGTH (FT.)	WORKING PSI AT 70°F	BURST PSI AT 70°F	LBS. PER 100 FT.
251 0571	251 0529	.170	1/4	.040	500	135	540	1.05
251 0571		.170	1/4	.040	100	135	540	1.05
251 0256	251 0214	1/8	1/4	1/16	500	180	720	1.47
251 0256		1/8	1/4	1/16	100	180	720	1.47
251 0886		3/16	5/16	1/16	500	140	560	2.0
251 0886		3/16	5/16	1/16	100	140	560	2.0
251 1201	251 1159	1/4	3/8	1/16	500	120	480	2.5
251 1201		1/4	3/8	1/16	100	120	480	2.5
251 2146	251 2104	3/8	1/2	1/16	500	90	360	3.5
251 2146		3/8	1/2	1/16	100	90	360	3.5
251 2293	251 2279	1/2	5/8	1/16	100	70	280	4.4
251 2398		5/8	3/4	1/16	100	60	240	5.4
251 2713		3/4	1	1/8	100	90	360	13.7
251 2818		7/8	1	1/16	100	45	180	7.4
251 2923		1	1-1/4	1/8	100	72	288	17.6
251 3028		1-1/4	1-1/2	1/8	50	59	236	21.5
251 3133		1-1/2	1-3/4	1/8	50	50	200	25.5

Add length suffix to part number when ordering. Example: 500 ft. of .170" I.D. x 1/4" O.D. black color tubing is part number 251 0529-500.

BOLD indicates the critical dimension for fittings application.

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PART NO. RED	PART NO. YELLOW	ID (IN.)	OD (IN.)	WALL (IN.)	WORKING PSI AT 70°F	BURST PSI AT 70°F	LBS. PER 100 FT.
251 0606	251 0627	.170	1/4	.040	135	540	1.05
251 1236	251 1257	1/4	3/8	1/16	120	480	2.5

PART NO. GREEN	PART NO. BLUE	ID (IN.)	OD (IN.)	WALL (IN.)	WORKING PSI AT 70°F	BURST PSI AT 70°F	LBS. PER 100 FT.
251 0557	251 0543	.170	1/4	.040	135	540	1.05
251 1187	251 1173	1/4	3/8	1/16	120	480	2.5

Red, yellow, green, and blue color tubing is sold by standard coil length only (500 ft.). Add length suffix to part number when ordering. Example: 500 ft. of .170" I.D. x 1/4" O.D. red color tubing is part number 251 0606-500.

BOLD indicates the critical dimension for fittings application.

Custom Services

- Cut ■ Size ■ Color ■ Heat-Form ■ And More

Call for more information: 800-506-3924 or 215-526-2300

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