

**OMEGAFLEX®**

# LOW-DENSITY POLYETHYLENE TUBING

TYPE Series



By Individual  
Model No.†

Because of its tendency to develop stress cracks, polyethylene tubing should not be used with barbed fittings. Use compression-type fittings instead.

Available in the following colors; blue, black, green, orange, red, yellow, and white.  
Please contact sales for specific availability.

## SPECIFICATIONS\*

Specific Gravity: 0.921

Tensile Strength: 1600 psi

Hardness, Shore D: 50

Elongation at Break: 500%

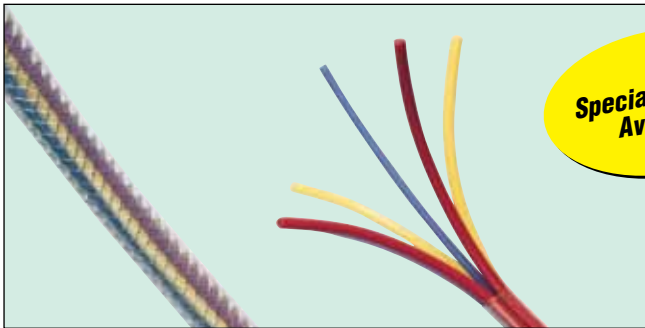
Brittle Temperature: -60°C (-76°F)

Maximum Operating Temperature: 60°C (140°F)

\*Specifications shown are typical and are meant only as a guide. Field testing is recommended to find actual values in the given application.

† Visit [omega.com/rohs](http://omega.com/rohs) to determine specific RoHS compliance.

Note: The listed working pressures are based on a short-term burst using a 4 to 1 safety factor.



Specialty Tubing  
Available!

## To Order

Model No.	Standard Length	Wall	OD	ID	Working psi @ 73°F	Weight (lb)
TYPE-14170-500	500'	0.04"	1/4"	0.17"	135	5.25
TYPE-1418-500	500'	1/16"	1/4"	1/8"	180	7.35
TYPE-1418-100	100'	1/16"	1/4"	1/8"	180	1.47
TYPE-516316-500	500'	1/16"	5/16"	3/16"	140	10
TYPE-516316-100	100'	1/16"	5/16"	3/16"	140	1.96
TYPE-3814-100	100'	1/16"	3/8"	1/4"	120	2.45
TYPE-1238-100	100'	1/16"	1/2"	3/8"	90	3.4
TYPE-1238-500	500'	1/16"	1/2"	3/8"	90	17.15
TYPE-5812-100	100'	1/16"	5/8"	1/2"	70	4.4
TYPE-3458-100	100'	1/16"	3/4"	5/8"	60	5.4
TYPE-7858-100	100'	1/8"	7/8"	5/8"	100	11.18
TYPE-134-100	100'	1/8"	1"	3/4"	90	13.7
TYPE-178-100	100'	1/16"	1"	7/8"	45	7.4
TYPE-1141-100	100'	1/8"	1 1/4"	1"	72	17.6
TYPE-112114-50	50'	1/8"	1 1/2"	1 1/4"	59	10.8
TYPE-134112-50	50'	1/8"	1 3/4"	1 1/2"	50	12.8

Standard color is natural (clear). Consult Sales for availability of specific colors.

Ordering Examples: TYPE-3814-100-BL, 100', 3/8" OD x 1/4" ID blue tubing.

TYPE-1418-100, 100' of tubing, 1/4" OD x 1/8" ID.