

Prolite[®]

Polypropylene Tubing



ESOP Employee Owned
for Your Benefit

Fluid Transfer Specialists[®]

Polypropylene Tubing



- Polypropylene homopolymer made from ingredients that meet FDA requirements for food contact surfaces
- Animal-free ingredients
- No phthalates used in the manufacture of its ingredients
- Extremely lightweight, thermoformable and weldable
- Very low moisture absorption
- Excellent chemical resistance
- Naturally translucent white in appearance
- May be used as a lower-cost alternative to fluoropolymer tubing



Notes

PROLITE is made from a compound that exhibits good heat aging resistance. It meets the FDA requirements for the safe use of olefin polymers used to make articles intended for food contact per FDA 21 CFR 177.1520.

PROLITE is frequently used in food processing and other industries for clean applications. It is a naturally white, semi-rigid product offering limited ability to bend. Since it is weldable, PROLITE may be joined directly, although it is typically joined by means of a push-to-connect fitting such as Newloc®.

Polypropylene is the lightest of all thermoplastic materials. It offers high strength-to-weight ratio, low surface friction, and excellent resistance to corrosion.

Physical Properties**

Tensile Strength, psi	4900
Elongation at Break, %	13
Max. Operating Temp., °F	125

**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® Acetal push-to-connect fittings
- Newloc® Brass push-to-connect fittings

PART NO.	ID (IN.)	OD (IN.)	WALL (IN.)	STANDARD LENGTH (FT.)	WORKING PSI AT 70°F
448 0070	1/8	1/4	1/16	100	250
448 0147	.170	1/4	.040	100	149
448 0224	3/16	5/16	1/16	100	196
448 0301	1/4	3/8	1/16	100	157
448 0378	3/8	1/2	1/16	100	112
448 0455	1/2	5/8	1/16	100	87
448 0609	5/8	3/4	1/16	100	71
448 0651	3/4	1	1/8	50	109
448 0840*	1	1-1/4	1/8	50	87

*Limited stock item; lead times and minimums may apply — call for details.
 Add length suffix to part number when ordering. Example: 100 ft. of 3/16" I.D. x 5/16" O.D. tubing is part number 448 0224-100.
 Sizes larger than 1-1/4" O.D. are available — call for details.
 Due to the coil diameter, some larger sizes must ship via truck.
BOLD indicates the critical dimension for fittings application.

Custom Services

■ Size

Call for more information:

800-506-3924 or
 215-526-2300

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