



PROFESSIONAL PLASTICS

Natural Latex Rubber Tubing



- Made from natural latex rubber, a thermoset material
- Excellent resilience, tear, and tensile strength
- Made from non-toxic ingredients conforming to FDA standards
- Extremely elastic with excellent memory after repeated stretching
- Contains no plasticizers which can migrate and cause flow contamination or tube hardening
- NEWTEX is a translucent amber color



Notes

NEWTEX tubing is an exceptionally resilient material that has notable wear resistance, very low permanent set characteristics, and excellent flexibility at low temperatures.

NEWTEX will withstand repeated sterilization with autoclaving at 250°F for 20 minutes. It will also endure limited sterilization with ethylene oxide or gamma radiation.

Since natural rubber NEWTEX has some protein trace (an allergen), synthetic NEWTEX (polyisoprene) made without protein can be supplied through minimum order. Synthetic NEWTEX can also be cured in straight lengths — call for details. Synthetic NEWTEX should also be considered for its translucency, as natural latex's amber color is quite dark.

Also available through special order is vacuum-rated, red-colored NEWTEX — call for details.

Note that NEWTEX may have multiple pieces per length of tubing. This is due to the material's manufacturing limitations. See details at right.

PART NO.	ID (IN.)	OD (IN.)	WALL (IN.)	STANDARD LENGTH (FT.)†	LBS. PER 100 FT.
270 0110	1/16	1/8	1/32	100	1.00
270 0222	1/8	3/16	1/32	100	1.50
270 0334	1/8	1/4	1/16	100	2.00
270 0446	3/16	5/16	1/16	100	2.50
270 0558	3/16	3/8	3/32	100	4.00
270 0670	3/16	7/16	1/8	100	6.00
270 0782	1/4	3/8	1/16	100	3.25
270 0894	1/4	7/16	3/32	100	5.25
270 1006	1/4	1/2	1/8	100	6.50
270 1118	5/16	7/16	1/16	100	3.75
270 1230	5/16	1/2	3/32	100	6.25
270 1342	5/16	9/16	1/8	50	9.00
270 1454	3/8	1/2	1/16	50	5.00
270 1566	3/8	9/16	3/32	50	7.00
270 1678	3/8	5/8	1/8	50	9.50
270 1790	1/2	11/16	3/32	50	9.00
270 1902	1/2	3/4	1/8	50	12.50
270 2014	3/4	1	1/8	50	17.00

†Tubing may have a maximum of five sections, with a minimum section length of 4 feet, in 100 ft. lengths; a maximum of three sections, with a minimum section length of 4 feet, in 50 ft. lengths.

Sold by standard coil length only. Add length suffix to part number when ordering.

Example: 100 ft. of 1/16" I.D. x 1/8" O.D. tubing is part number 270 0110-100.

BOLD indicates the critical dimension for fittings application.

Physical Properties**

Hardness, Shore A ±5	35
Tensile Strength (minimum), psi	3500
Elongation at Break (minimum), %	750
Brittle Temperature, °F	-60
Maximum Operating Temperature, °F	180

**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 & Clamps

- Thermobarb® barbed fittings
- Oetiker® ear type clamps
- Kwik Clamp™ nylon double bond hose clamps
- Worm gear clamps

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