

Quality  
Industrial Rubber Goods  
Since 1921



**Potomac** RUBBER COMPANY, INC.

**Potomac Rubber Company** • 9011 Hampton Overlook • Capitol Heights, MD 20743  
Tel: 301-336-7400 • Fax: 301-350-6543 • [info@potomacrubber.com](mailto:info@potomacrubber.com) • [www.potomacrubber.com](http://www.potomacrubber.com)

## TUBING

**PURE CRYSTAL CLEAR FLEXIBLE VINYL TUBING**

### PVC TUBING

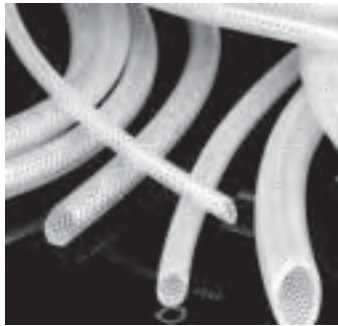
FORMULATED TO COMPLY WITH *FDA* REQUIREMENTS, IT IS OUR MOST POPULAR COMPOUND FOR USE WITH FOOD & BEVERAGE.



<u>STOCK SIZES</u>				<u>STOCK SIZES</u>		
I.D.	WALL	O.D.		I.D.	WALL	O.D.
1/8"	1/8"	1/4"		1/2"	1/8"	5/8"
3/16"	1/8"	1/4"		1/2"	3/8"	3/4"
1/4"	1/8"	3/8"		3/4"	3/8"	1"
1/4"	1/8"	1/2"		1"	3/8"	1 1/4"
5/16"	1/8"	7/16"		1 1/4"	1/4"	1 3/4"
3/8"	1/8"	1"		1 1/2"	1/4"	2"
3/8"	1/8"	1 1/2"		2"	1/4"	2 1/2"
3/8"	1/8"	5/8"				

### POLY-BRAID TUBING

POLY-BRAID USES THE SAME EXCELLENT COMPOUND AS OUR NON-REINFORCED TUBING, AND HAS A MUCH HIGHER PRESSURE RATING.

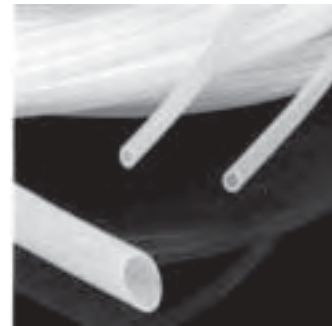


ID	OD	Maximum W.P. at 70°F
1/4	1/2	250 PSI
3/8	5/8	225 PSI
1/2	13/16	200 PSI
5/8	1	180 PSI
3/4	1-1/8	150 PSI
1	1-3/8	125 PSI
1-1/4	1-3/4	100 PSI
1-1/2	2	90 PSI
2	2.5	75 PSI

### P1 POLYETHYLENE TUBING

A LOW DENSITY POLYETHYLENE TUBING FORMULATED TO COMPLY WITH *FDA* REQUIREMENTS. POLYETHYLENE HAS SUPERIOR CHEMICAL AND MOISTURE RESISTANCE.

sizes : OD .25, .375, .50



## PURE GUM TUBING



CAT. NO.	SIZE (Fractions of an Inch) ID x WALL x OD
202R	1/16" x 1/32" x 1/8"
204R	1/16" x 1/16" x 3/16"
304R	3/32" x 1/16" x 7/32"
402R	1/8" x 1/32" x 3/16"
403R	1/8" x 3/64" x 7/32"
404R	1/8" x 1/16" x 1/4"
408R	1/8" x 1/8" x 3/8"
503R	5/32" x 3/64" x 1/4"
504R	5/32" x 1/16" x 9/32"
602R	3/16" x 1/32" x 1/4"
604R	3/16" x 1/16" x 5/16"
606R	3/16" x 3/32" x 3/8"
608R	3/16" x 1/8" x 7/16"
704R	7/32" x 1/16" x 11/32"
804R	1/4" x 1/16" x 3/8"
806R	1/4" x 3/32" x 7/16"
808R	1/4" x 1/8" x 1/2"
904R	9/32" x 1/16" x 13/32"
906R	9/32" x 3/32" x 15/32"
1004R	5/16" x 1/16" x 7/16"
1006R	5/16" x 3/32" x 1/2"

## PHYSICAL PROPERTIES OF NATURAL LATEX TUBING \*

(OBTAINED FROM REPEATED TESTS OF NORMAL PRODUCTION AND TESTING BY INDEPENDANT LABORATORIES.)

COLOR.....NATURAL AMBER OR BLACK  
 TENSILE PSI (MIN).....3,500  
 ELONGATION AT BREAK (%) (MIN.).....750  
 MODULUS PSI AT 100%..... 70-120  
 SHORE A DUROMETER HARDNESS.....35 + 5  
 SPECIFIC GRAVITY.....0.95

\*PHYSICAL PROPERTIES MEET OR EXCEED THE REQUIREMENTS OF FEDERAL SPECIFICATION ZZ-T-831c AMENDMENT 4, TYPE I, III, TYPE IV, TYPE V, CLASS 1, CLASS 2, AND CLASS 3 TRANSLUCENT AND BLACK. ALSO MILITARY SPECIFICATION MIL-T-36966.

# Tubings

## NEOPRENE

Oil, Flame, and Weather Resistant

**Neoprene** compounds possess good ozone and weather resistance characteristics and can be compounded to give low compression set values at temperatures up to 200°F. Neoprene has good resistance to oils of the straight chain hydrocarbons, alcohol, vegetable oils, many acids and salts, but is not recommended for use with aromatic hydrocarbons, chlorinated solvents, esters, or ketones.

## BUNA-N

Fuel and Solvent Resistant

**Buna-N** compounds have good resistance to alkalines, petroleum oils, vegetable oils, straight chain hydrocarbons, glycol, aviation gasoline and water. Buna-N compounds are not recommended for use with strong oxidizing agents, nitrated hydrocarbons, ketones, acetates, and aromatic hydrocarbons.

## SILICONE

High and Low Temperature Resistant

**Silicone** rubber is a man made semi-inorganic elastomer whose mechanical properties approach many natural rubber or other synthetic rubber compounds, while resisting stiffening at extreme low temperatures or deterioration over long periods at high temperatures.