



Natural Rubber Latex Tubing SPECIFICATION SHEET

CHEMICAL RESISTANCE: Strong Alkalies Fair Weak Alkalies Good Strong Acids Poor Weak Acids Good Petroleum Poor	PHYSICAL PROPERTIES: Tensile Strength (psi) 3500 min. Ultimate Elongation 750% min. Hardness (Shore A) 35 ± 5 100% Modulus (psi) 125 max. Specific Gravity 0.97 max.
OZONE RESISTANCE: Poor	UV RESISTANCE: Fair
LOW TEMPERATURE FLEX: Brittle -67°F Flexible 0°F	MAXIMUM RECOMMENDED OPERATING TEMPERATURE: 212°F Intermittent - 158°F Continuous
RECOMMENDED STERILIZATION: Gravity Steam Autoclave 30 minutes @15 psi (121-124 C or 250-255 F) Ethylene Oxide Gama Radiation	PROTEIN IN NATURAL RUBBER: Less than 50 micrograms/gram. 50 micrograms/gram. (ug/g) is detection limit of ASTM D5712-05.

Primeline's natural rubber latex tubing meets or exceeds the physical properties of Commercial Item Description A-A-52047C Type I Class 1, 2, and 3, Type III, Type IV, and Type V Class 1, 2, and 3 which replaced Federal Specification ZZ-T-831D. Primeline's amber natural rubber latex tubing is in compliance with USP Biological Classification IV.

Standard Tolerances:

Inside diameter, ± 0.015 inch on sizes up to 3/8 inch, proportionately greater on larger sizes.

Wall thickness 1/32 inch and 3/64 inch ± 0.007 inch.

1/16 inch and 5/64 inch ± 0.010 inch.

3/32 inch and 1/8 inch ± 0.015 inch.

Wall thickness greater than 1/8 inch are gauged on the outside diameter tolerance.

Primeline offers natural rubber latex tubing in sizes which range from 1/16 inch inside diameter (ID) x 1/32 inch wall to 1 inch ID x 1/4 inch wall.

Primeline Industries supports the world-wide goal to eliminate the use of ozone depleting chemicals. We do not knowingly use a Class I or Class II ozone depleting chemical as identified in the U.S. Clean Air Amendments of 1990 in the manufacturing process of our natural rubber latex tubing.