

DERIVED FROM NATURE, CUSTOMIZED FOR YOU



Latex Tubing

KENT ELASTOMER ADVANTAGE

Do business with Kent Elastomer Products and gain American-made quality, quick turnaround and outstanding service from people who understand your business and your market. Learn more about our natural rubber latex tubing at kentelastomer.com.

As the only producer of natural rubber latex tubing in the U.S., Kent Elastomer Products takes its responsibility for quality and service seriously. Our natural rubber latex compounds provide relevant rubber tubing options produced to your exacting diameter, thickness, length and color specifications. The worldwide markets we serve include medical, dental, physical therapy, exercise and food and beverage. Kent Elastomer manufactures all its latex tubing products in FDA-registered facilities.

Consider the benefits:

- Unique dipping process creates smoothness and eliminates die lines and seams for uninterrupted I.D. and O.D. surfaces
- Extensively leach, wash, and surface-treat to reduce protein levels below the limit of detection as measured by FDA-recognized test methods ASTM D5712 and ASTM D6499
- Uniform translucency and color for unobstructed observation of liquid flow
- Excellent gripping power
- Superb sterilization properties – compatible with steam, ETO or gamma radiation
- Exceptional elasticity maintains memory even after repeated stretching

NATURAL RUBBER LATEX TUBING

Data Sheet K-100

This information depicts typical properties, test methods, and references to the United States Code of Federal Regulations, as listed under Title 21 of the Food and Drug Administration.

1. PHYSICAL PROPERTIES

• Tensile	3500 PSI min	ASTM D 412
• Ultimate Elongation	750% min	ASTM D 412
• 100% Modulus	120 PSI avg	ASTM D 412
• 500% Modulus	300 PSI min	ASTM D 412
• Tensile Set (memory)	2% avg	ASTM D 412
• Durometer (hardness)	35 ± 5 Shore A	ASTM D 2240
• Specific Gravity	.923 Grams/cc	Federal Test Method Standard 601
• Color	Amber, Black or custom colors	For identification purposes only; no evaluation is made for degree. Lot-to-lot variation can be expected.

2. COMPLIANCE SPECIFICATIONS

This tubing meets the requirements of A-A-52047 type 1, 3, 4, and 5 (formerly Federal Specification number ZZ-T-831D) and A-A-53848 (formerly Military Specification number MIL-T-36966A).

3. COMPOUND

All materials used in our latex compounds meet the recommended safe levels as specified in the United States FDA Code of Federal Regulations, Title 21, Food and Drug Administration. These products have been used in medical applications for over thirty years and thus fall under a "Generally Recognized As Being Safe" (GRAS) classification.

<u>MATERIAL</u>	<u>21 CFR SECTION</u>
• Natural Rubber Latex	177.2600
• Sulfur	177.2600
• Zinc Oxide	182.5991
• Age Resistor	177.2600
• Vulcanization Accelerator	177.2600

4. PRODUCT TESTING:

The following tests have been performed on compound K-100, amber:

- U.S.P. Biological Reactivity Tests, In VIVO, Class VI
 - Acute Systemic Toxicity
 - Intracutaneous Toxicity
 - Implantation Test
- U.S.P. Heavy Metals, Trace Metals

This information is considered proprietary to Kent Elastomer Products, Inc. and may not be reproduced in any form or by any means without the express written consent of Kent Elastomer Products, Inc.

LATEX TUBING SPECIFICATIONS TO MEET YOUR NEEDS:

- I.D.s ranging from .020" to 1"
- Wall thickness ranging from .010" to .330"
- Available in lengths from 1/16" to 50', depending on tube size
- Standard colors are natural amber or black, extensive custom color selection available
- Standard or customized packaging available
- Custom assemblies to meet your requirements



1500 St. Clair Ave., Kent, OH 44240
Toll Free: 800-331-4762
330-673-1011 • Fax: 330-673-1351
www.kentelastomer.com