



Food and Beverage Applications

CRIMPED TUBING

Engineered to improve the safety and efficiency of food and beverage dispensing, crimped tubing from Kent Elastomer Products features a closed end that remains intact until clipped to initiate use.

Consider the advantages:

- Manufactured in our IMS- and SQF-certified food safety facility
- Produced to your specifications with your unique fitment and assembly options
- Packaging options including individually bagged and sealed
- Inventory management services available

Kent Elastomer Products serves the food and beverage industry with tubing products produced to exacting specifications in a variety of FDA, NSF and USP Class VI compounds including thermoplastic elastomer (TPE), thermoplastic vulcanizate (TPV) and natural rubber latex. Kent Elastomer also works with clients to identify opportunities and create solutions, such as our recently introduced crimped tubing. All products are manufactured in the U.S. in accordance with the highest safety and compliance standards.

Do business with us and gain:

- Tubing selection in a broad range of compounds, I.D.s, O.D.s, thicknesses, colors and lengths
- Crimping capabilities to promote dispensing safety and convenience
- Prototyping expertise and guidance
- Product assembly services
- Custom packaging and inventory management
- Excellent lead times with on-time and on-budget delivery

THERMOPLASTIC ELASTOMERS (TPE) TYPICAL PROPERTIES

Compound	Durometer Shore A	Tensile @ Break (psi)	Elongation (%)	Characteristics
K8600	57	1800	780%	Translucent, soft rubbery feel, matte finish, meets FDA food-grade requirements. Operating temperatures -40 to 195°F and BPA- and phthalate free
K4546	46	1716	783%	
K4500	40	1700	780%	

THERMOPLASTIC VULCANATES (TPV) TYPICAL PROPERTIES

Compound	Durometer Shore A	Tensile @ Break (psi)	Elongation (%)	Characteristics
K4300	59	754	390%	Opaque tan, matte finish, meets FDA food-grade requirements
K4364	69	1020	450%	Opaque tan, matte finish, NSF51 and NSF61 compliant
K4173	78	1280	490%	Opaque tan, matte finish, meets FDA food-grade requirements, NSF51 compliant

All TPV compounds offer long-term resistance to high heat, oil, dairy products and hot fluids.

All TPE and TPV parts are manufactured in FDA registered facilities that are SQF and IMS certified. Other benefits include ease of sterilization, chemical inertness, dimensional stability, good vapor and gas transmission properties and excellent resistance to water, acids and bases. Select compounds pass pump durability tests.

NATURAL RUBBER LATEX TYPICAL PROPERTIES

Compound	Durometer Shore A	Tensile @ Break (psi)	Elongation (%)	Characteristics
K100	35	3500	750%	Translucent amber, smooth finish, 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, Section 177.26 Food and Drug Administration.

Natural rubber latex tubing offers ease of sterilization, excellent memory characteristics even after repeated stretching, flexibility from -60°F to steam sterilization temperatures, tenacious gripping power and abrasion resistance. Natural rubber latex tubing passes pump durability tests and is manufactured in a FDA-registered facility.

STRENGTH AND FLEXIBILITY

Strength and flexibility define Kent Elastomer Products. Our capacity to respond quickly and meet your specifications, deadlines and budget is unequalled. And value-added conveniences like design assistance, assembly, packaging and inventory management are all part of our service. Partner with us. You'll gain quality and accessibility by doing business with a U.S. manufacturer who understands your business. **Learn more at kentelastomer.com.**



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