

80 Durometer

Our polyurethane tubing is extremely kink resistant. It is also highly resistant to abrasion and scuffing. It is widely accepted as a premium material for medical device use because of its flexible nature and easy sterilizability.

Resin Grade & Technical Information:

This tubing is extruded from Lubrizol's® compound Pellethane PUR80A-MED, which has passed USP Class VI testing. It can be sterilized by gamma radiation or Ethylene Oxide (EtO) gas. Please do not autoclave this tubing, as it may alter the chemical nature of the resin.

DIMENSION (ID X OD X LGTH)	NUMBER
1/16" X 1/8" X 100'	UR00-1031C
1/16" X 1/8" X 1000'	UR00-1031M
3/32" X 3/16" X 100'	UR00-2047C
3/32" X 3/16" X 1000'	UR00-2047M
1/8" X 1/4" X 100'	UR00-3062C

TUBING: Low Density Polyethylene

92 Durometer

Our polyethylene tubing has excellent mechanical and chemical resistance properties. However, please use caution if your application involves possible bending or kinking the tubing. It is a semi-rigid material and will be permanently deformed if kinked or bent too tight.

Resin Grade & Technical Information:

This tubing is extruded from Equistar® LLDPE, which is in compliance with all U.S. Food & Drug Administration regulations for food grade use under Title 21 CFR. It can be sterilized by gamma radiation or Ethylene Oxide (EtO) gas. Autoclaving is not recommended.

DIMENSION (ID X OD X LGTH)	NUMBER
1/16" X 1/10" X 100'	LLDPE01-1019C
1/16" X 1/10" X 1000'	LLDPE01-1019M
1/16" X 1/8" X 100'	LLDPE01-1031C
1/16" X 1/8" X 1000'	LLDPE01-1031M
3/32" X 5/32" X 100'	LLDPE01-2031C
3/32" X 5/32" X 1000'	LLDPE01-2031M
1/8" X 3/16" X 100'	LLDPE01-3031C
1/8" X 3/16" X 1000'	LLDPE01-3031M

50 Shore A

Our silicone tubing is extruded from a low-volatile grade, platinum-cured compound that is ideal for critical applications in pharmaceutical, biotech, medical, food, and beverage industries.

Resin Grade & Technical Information:

This tubing is extruded and packaged in a Class 7 (Class 10,000) ISO-certified clean room. It has undergone extensive physical, chemical, and biological testing and meets USP Class VI, FDA CFR 177.2600, ISO 10993, European Pharmacopoeia 3.1.9, and 3-A standards. It is certified free of animal-derived ingredients and is certified by the National Sanitation Foundation for use in food equipment materials (NSF-51). It offers a temperature range use of -100° F (-73.3° C) to 400° F (204.4° C) and is sterilizable by autoclave or gamma irradiation.

DIMENSION (ID X OD X LGTH)	NUMBER
1/16" X 1/8" X 50'	SILC7001098
1/8" X 1/4" X 50'	SILC7001657
1/4" X 3/8" X 50'	SILC7002203
3/8" X 5/8" X 50'	SILC7002593
1/2" X 3/4" X 50'	SILC7002775
3/4" X 1" X 50'	SILC7003139

TUBING: Thermoplastic Elastomer (TPE)

65 Shore A

Our Biopharmaceutical-grade TPE tubing is sterile weldable, heat sealable, moldable, and offers excellent life in peristaltic pumps. It is ideal for use in single-use processes for sampling, filling, and storage tubing set assemblies.

Resin Grade & Technical Information:

This tubing is made from FDA-approved ingredients, certified free of silicone oils and animal derived ingredients, and is sterilizable by autoclave or gamma irradiation. It meets various ISO and USP standards, including Class VI, as well as European Pharmacopoeia 3.2.2.1. It also offers excellent low absorption and permeability as compared to silicone tubing.

DIMENSION (ID X OD X LGTH)	NUMBER
1/8" X 1/4" X 50'	AF7500077
3/16" X 5/16" X 50'	AF7500155
1/4" X 7/16" X 50'	AF7500311
3/8" X 5/8" X 50'	AF7500506
1/2" X 3/4" X 50'	AF7500584
3/4" X 1" X 50'	AF7500753