

# Tygon® S3™ E-3603 Vacuum Tubing

## Phthalate-Free Flexible Tubing

Able to handle most organic chemicals found in the lab, the clear and flexible Tygon® S3™ E-3603 is non-oxidizing and non-contaminating. The tubing is less permeable than rubber tubing and features a glassy-smooth inner bore which prevents buildup and facilitates easy cleaning.

Designed to resist flex-fatigue and abrasions, the tubing is constructed with extra-heavy walls which can withstand a full vacuum at room temperature. It can be sterilized through conventional autoclave methods and ethylene oxide.

### Materials

#### Thermoplastic Elastomer (TPE)

- Good chemical resistance

TPE compounds based on SBS and/or SEBS exhibit good resistance to water and various solutions. However, some degradation in the compounds can be seen at long-term exposure to organic solvents, oils, and fuels.



#### CERTIFICATION

Cole-Parmer will provide a certificate of compliance FREE at your request where applicable.

### APPLICATIONS

- General laboratory, analytical instruments, and peristaltic and vacuum pumps; ideal for condensers, desiccators, gas lines, and drain lines
- Ideal for general-purpose, laboratory, and single-use applications

### FEATURES/BENEFITS

- Bio-based formulation reduces environmental impact
- Lot-to-lot consistency for reproducible results
- Easily slips over fittings and grips securely
- Contains no BPA or phthalates
- Meets the requirements of the USP Biological Test for Plastics, Class VI
- Free technical application support available to assist with tubing selection

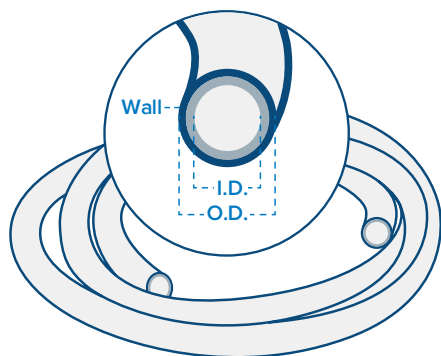
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## Specification and Ordering Table

Dimensions: in. (mm)			Max pressure: PSI (bar)	Item number	Reel length (ft)
Tubing ID	Tubing OD	Wall			
3/16"	9/16"	3/16" (4.8)	69 (4.8)	50113-65	50
1/4"	5/8"	3/16" (4.8)	53 (3.7)	50113-66	50
3/8"	7/8"	1/4" (6.4)	47 (3.2)	50113-67	50
1/2"	1-1/8"	5/16" (7.9)	45 (3.1)	50113-68	50
5/8"	1-3/8"	3/8" (9.5)	43 (3.0)	50113-69	50
3/4"	1-1/2"	3/8" (9.5)	36 (2.5)	50113-70	50
1"	2"	1/2" (12.7)	36 (2.5)	50113-71	50

## TYGON® S3™ E-3603 TUBING



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