



Tygon E-3603 1/2" ID (5/8" OD) Clear Tubing

\$3.29

Product Images



Short Description

Tygon S3™ E-3603 from Saint-Gobain Performance Plastics is now phthalate-free. Saint-Gobain is proud to be among the first companies to offer sustainable, flexible tubing products. The bio-based Tygon S3™ line combines the high performance standards customers demand with an eco-friendly tubing design. Crystal-clear and flexible.

Description

Phthalate-free Formulation E-3603

Tygon S3™ E-3603 from Saint-Gobain Performance Plastics is now phthalate-free. Saint-Gobain is proud to be among the first companies to offer sustainable, flexible tubing products. The bio-based Tygon S3™ line combines the high performance standards customers demand with an eco-friendly tubing design. Crystal-clear and flexible, Tygon S3™ E-3603 non-DEHP tubing delivers the same superior performance you have come to expect, but now in a formulation that contains a non-DEHP plasticizer.

Tygon S3™ E-3603 tubing handles most inorganic chemicals found in the laboratory. It is non-oxidizing and non-contaminating, and less permeable than rubber tubing. The glassy-smooth inner bore helps prevent buildup to facilitate cleaning. Coils are marked at 1-foot (30.4 cm) intervals for easy measuring.

Applications

• Analytical instruments	• General laboratory	• Peristaltic and vacuum pumps
• Condensers, incubators, desiccators, gas lines, drain lines	• Biopharmaceutical	• Food and beverage

* For complete compliance information and appropriate use instructions, please refer to the detailed document of compliance. The complete compliance information and use instructions can be found [here](#).

Price is per foot.

Features

- New bio-based formulation delivers the same excellent performance
- Outstanding chemical resistance
- Lot-to-lot consistency for reproducible results
- Non-oxidizing and non-contaminating
- Contains no BPA or phthalates
- Standard sizes available to hold full vacuum at room temperature
- Smooth, polished inner wall
- Slips easily over fittings and grips securely for simple lab set-ups

Specifications

Property	ASTM Method	Value or Rating
Durometer Hardness, Shore A, 15 sec	D2240	56
Tensile Strength psi (MPa)	D412	1,750 (12.1)
Ultimate Elongation %	D412	425
Tear Resistance lb-f/inch (kN/m)	D1004	173 (31)
Specific Gravity	D792	1.21
Water Absorption % 24 hrs @ 73°F (23°C)	D570	0.21
Compression Set Constant Deflection % @ 158°F (70°C) for 22 hrs	D395 Method B	64
Brittle Temp °F (°C)	D746	-51 (-46)

Max Recommended Operating Temp °F (°C)	--	165 (74)
Tensile Stress @ 100% Elongation psi (MPa)	--	582 (4.0)
Tensile Set %	D412	95
Color	--	Clear

Additional Information

Brand	Tygon
SKU	TYGON-E3603-12-58
Weight	0.2000
Color	Clear
Tube Type	Plasticizer Free
Tube Size	1/2" x 5/8"
Material	Non-plasticizer

