

# Tygon® 2475 Tubing

## Plasticizer Free Thermoplastic Tubing

Due to the absence of plasticizers, the Tygon® 2475 thermoplastic tubing can withstand aggressive acids, bases, and solvents that would react with or extract plasticizer from a standard PVC tube. The clear tubing allows you to visually inspect the fluid path to ensure consistency of flow. Designed with lower gas permeation than standard silicone tubing, sensitive fluids are protected from moisture loss and oxidation.

The surface smoothness of the tubing helps reduce potential microbial buildup, critical in bioprocess applications. The tubing also features a very low absorption of aqueous substances, minimizing the risk of fluid alteration in single or repeat use applications.

### 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

- Aseptic filling and dispensing systems, diagnostic equipment, nuclear equipment, lab analytical instrumentation, cosmetic production, and cell and tissue culture transport

#### FEATURES/BENEFITS

- Low gas permeation
- Smooth inner surface inhibits particle entrapment
- Free from added plasticizers or oils
- Meets USP Class VI criteria
- Ideal for general-purpose, laboratory, and single-use applications
- Free technical application support available to assist with tubing selection

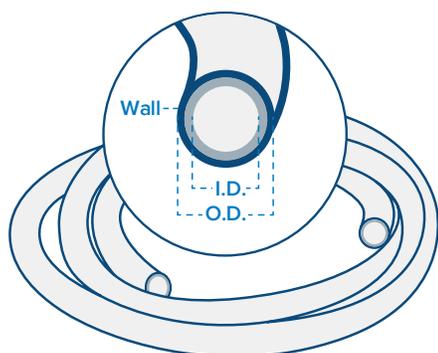
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## Specification and Ordering Table

Dimensions: in. (mm)			Max pressure: PSI (bar)	Item number	Reel length (ft)
Tubing ID	Tubing OD	Wall			
1/16"	3/16"	1/16" (1.6)	85 (5.8)	50113-72	50
1/8"	1/4"	1/16" (1.6)	50 (3.4)	50113-73	50
3/16"	5/16"	1/16" (1.6)	40 (2.7)	50113-74	50
1/4"	3/8"	1/16" (1.6)	30 (2.06)	50113-75	50
5/16"	7/16"	1/16" (1.6)	18 (1.2)	50113-76	50
3/8"	5/8"	1/16" (1.6)	20 (1.4)	50113-77	50
1/2"	3/4"	1/8" (3.2)	29 (2)	50113-78	50
5/8"	7/8"	1/8" (3.2)	25 (1.7)	50113-79	50
3/4"	1-1/4"	1/8" (3.2)	21 (1.4)	50113-80	50
1"	1-3/8"	3/16" (4.8)	20 (1.4)	50113-81	50

## TYGON® 2475 TUBING



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