

Cole-Parmer® Thermoplastic Vulcanizate (TPV) Industrial Tubing

Thermoplastic Vulcanizate Tubing

Designed for use with peristaltic pumps, this soft and flexible, yet durable, tubing provides long service life.

Tubing does not contain PVC, DEHP, phthalates, or plasticizers, making it ideal for various pharmaceutical, food, and beverage applications.

Materials

Thermoplastic Vulcanizate (TPV)

- Very good chemical compatibility

The tubing consists of an elastomer that is vulcanized, providing good compression set resistance. It is highly durable and resistant to fatigue, acids, alkalis, and most oils and lubricants.



CERTIFICATION

USP Class VI, USP 661, and RoHS compliant

APPLICATIONS

- General-purpose, laboratory, and single-use applications
- Excellent for use in peristaltic pump applications

FEATURES/BENEFITS

- Free technical application support available to assist with tubing selection
- Great alternative to Santoprene™ tubing
- Ultra-low extractables and leachables
- Low gas and oxygen permeability
- Compatible with most CIP (clean-in-place) and SIP (steam-in-place) solutions
- Wide temperature range of -50 to 135 °C (58 to 275 °F)
- Flexible tubing with a 70 Shore A durometer
- Opaque tan tubing—perfect for light-sensitive samples
- Tubing can be sterilized via autoclave, ethylene oxide, and gamma irradiation

USA	+1.800.323.4340
	+1.847.549.7600
Canada	+1.800.363.5900
China	86.21.5109.9909
India	+1.800.266.1244

UK	+44 (0) 1480.272279
	+33 (0) 1.87.170142*
	+49 (0) 937.792030*
Italy	+39.02.84349215
All others	+1.847.549.7600

Cole-Parmer®

coleparmer.com

*Inquiries from Germany and France are now handled in our St. Neots office by native-speaking experts.

Specification and Ordering Table

Dimensions: in. (mm)			Max Pressure: psi (bar)	Item Number	Reel Length (ft)
Tubing ID	Tubing OD	Wall Thickness			
1/32" (0.8)	3/32" (2.4)	1/32" (0.8)	51 (3.52)	50115-72	50
1/16" (1.6)	1/8" (3.2)	1/32" (0.8)	35 (2.41)	50115-76	50
1/16" (1.6)	3/16" (4.8)	1/16" (1.6)	—	50115-78	50
1/8" (3.2)	1/4" (6.4)	1/16" (1.6)	35 (2.41)	50115-81	50
3/16" (4.8)	1/4" (6.4)	1/32" (0.8)	14 (0.97)	50115-82	50
3/16" (4.8)	5/16" (8)	1/16" (1.6)	25 (1.72)	50115-83	50
3/16" (4.8)	3/8" (9.5)	3/32" (2.4)	33 (2.28)	50115-84	50
1/4" (6.4)	3/8" (9.5)	1/16" (1.6)	30 (2.07)	50115-85	50
1/4" (6.4)	7/16" (11)	3/32" (2.4)	26 (1.79)	50115-86	50
3/8" (9.5)	1/2" (12.7)	1/16" (1.6)	13 (0.9)	50115-91	50
3/8" (9.5)	9/16" (14.3)	3/32" (2.4)	—	50115-92	50
3/8" (9.5)	5/8" (15.9)	1/8" (3.2)	24 (1.66)	50115-90	50
1/2" (12.7)	3/4" (19.1)	1/8" (3.2)	20 (1.38)	50115-94	50
1" (25.4)	1-1/4" (31.8)	1/8" (3.2)	10 (0.69)	50115-79	50