

Versilon® PTFE Tubing

Versilon® PTFE tubing is designed for applications requiring extreme temperature resistance and broad chemical compatibility. Manufactured from fully fluorinated polytetrafluoroethylene, this tubing offers excellent inertness, making it ideal for handling aggressive chemicals, gases, and solvents across a variety of industries. With a maximum operating temperature of up to 260 °C (500 °F) and stability at very low temperatures, it performs reliably in both high-heat and cryogenic environments. Its smooth, dimensionally stable construction supports consistent fluid transfer, while its versatility makes it suitable for applications ranging from chemical processing and gas delivery to automotive and electrical systems.



Scan the QR code for more information on tubing.

APPLICATIONS

- Perfect for natural gas and mineral oil transfer, toxic gas monitoring, and chemical processing
- Ideal for general-purpose, laboratory, and single-use applications

FEATURES/BENEFITS

- Designed for extremes—combining temperature, pressure, and chemical resistance
- Smooth, dimensionally stable tubing ensures consistent flow and reliable performance
- Sterilize via autoclave, ethylene oxide (EtO), or gamma irradiation
- Wide temperature range of -268 to 260 °C (-450 to 500 °F)
- Rigid tubing with a 55 Shore D durometer
- Excellent chemical resistance to aggressive media, gases, and solvents
- Free technical application support available to assist with tubing selection

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 PSI at 73 °F (Bar at 23 °F)	Burst Pressure: PSI (Bar)	Item Number	Reel Length (ft)
Tubing ID	Tubing OD	Wall				
1/16" (1.6)	1/8" (3.2)	1/32" (0.8)	197 (13.6)	788 (54.3)	48526-24	50
1/8" (3.2)	3/16" (4.8)	1/16" (1.6)	–	–	48526-25	50
1/8" (3.2)	1/4" (6.4)	1/16" (1.6)	199 (13.7)	796 (54.9)	48526-28	50
5/32" (4)	1/4" (6.4)	3/64" (1.2)	146 (10.1)	584 (40.3)	48526-27	50
3/16" (4.8)	1/4" (6.4)	1/32" (0.8)	92 (6.3)	368 (25.4)	48526-26	50
3/16" (4.8)	5/16" (8)	1/16" (1.6)	156 (10.8)	624 (43)	48526-30	50
1/4" (6.4)	5/16" (8)	1/32" (0.8)	73 (5)	292 (20.1)	48526-29	50
1/4" (6.4)	3/8" (9.5)	1/16" (1.6)	127 (8.8)	508 (35)	48526-32	50
5/16" (8)	3/8" (9.5)	1/32" (0.8)	66 (4.6)	264 (18.2)	48526-31	50
5/16" (8)	7/16" (11)	1/16" (1.6)	–	–	48526-34	50
3/8" (9.5)	7/16" (11)	1/16" (1.6)	–	–	48526-33	50
3/8" (9.5)	1/2" (12.7)	1/16" (1.6)	93 (6.4)	372 (25.6)	48526-36	50
7/16" (11)	1/2" (12.7)	1/32" (0.8)	52 (3.6)	208 (14.3)	48526-35	50
1/2" (12.7)	5/8" (15.9)	1/16" (1.6)	73 (5)	292 (20.1)	48526-37	50
5/8" (15.9)	3/4" (19.1)	1/16" (1.6)	66 (4.6)	264 (18.2)	48526-38	50