

Tygon® E-1000 Tubing Laboratory Dispensing

Tygon® E-1000 tubing is engineered for laboratory dispensing with complicated set-ups, sharp radius curves, and multiple directional changes. It is extremely soft and flexible, contains non-DEHP plasticizers, and has been tested rigorously to meet stringent standards for low temperature and corrosive chemical resistance. The low-durometer tubing exhibits minimal resistance to compression, making it ideal for low-torque or battery-operated peristaltic pumps. This tubing stays flexible at temperatures as low as -55 °C (-67 °F), making it an excellent alternative to silicone tubing wherever corrosive chemicals are used.

Specification and Ordering Table

Dimensions: in. (mm)			Max pressure: PSI (bar)	Roll length (ft)	Item number
Tubing ID	Tubing OD	Wall			
1/16" (1.6)	3/16" (4.8)	1/16" (1.6)	26 (1.8)	50	50106-10
1/8" (3.2)	1/4" (6.4)	1/16" (1.6)	16 (1.1)	50	50106-11
3/16" (4.8)	5/16" (8)	1/16" (1.6)	10 (0.7)	50	50106-12
1/4" (6.4)	3/8" (9.5)	1/16" (1.6)	8 (0.6)	50	50106-13
1/4" (6.4)	1/2" (12.7)	1/8" (3.2)	14 (0.9)	50	50106-14
5/16" (8)	7/16" (11)	1/16" (1.6)	7 (0.5)	50	50106-15
3/8" (9.5)	1/2" (12.7)	1/16" (1.6)	7 (0.5)	50	50106-16
3/8" (9.5)	5/8" (15.9)	1/8" (3.2)	11 (0.8)	50	50106-17
1/2" (12.7)	5/8" (15.9)	1/16" (1.6)	6 (0.4)	50	50106-18
1/2" (12.7)	3/4" (19.1)	1/8" (3.2)	8 (0.6)	50	50106-19

APPLICATIONS

- Peristaltic pumps, analytical instruments, and chemical synthesis

FEATURES/BENEFITS

- Excellent chemical resistance to bases, salts, and corrosive chemicals
- Wide temperature range of -55 to 52 °C (-67 to 125 °F)
- Flexible tubing with a 40 Shore A durometer
- Sterilize by ethylene oxide (EtO) gas
- Clear tubing—perfect for visual monitoring



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