

PharMed® BPT Tubing Biocompatible Peristaltic Pump Tubing

A combination of biocompatible fluid surface and exceptional flex life makes PharMed® BPT tubing ideal for transferring sensitive bioprocessing fluids. Formulated for use in the pharmaceutical and biotechnology industries, it is ideal for use in cell harvesting, media processing, vaccine manufacturing, aseptic filling, and diagnostic testing applications.

This specially formulated tubing features exceptional flex life characteristics and excellent wear properties to outlast silicone in peristaltic pumps and help minimize downtime due to tubing failures. The low permeability characteristics provide protection for sensitive fluids from gas ingress.

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

USP Class VI and USP <87> compliant

APPLICATIONS

- Perfect for sensitive bioprocess fluids
- Ideal for general-purpose, laboratory, and single-use applications

FEATURES/BENEFITS

- Durable tubing provides long pump life, outlasting silicone tubing
- Withstands repeated clean-in-place (CIP) and steam-in-place (SIP) cleaning and sterilization
- Excellent gas barrier with very low gas permeability
- Opaque tubing—perfect for light-sensitive fluids
- Free technical application support available to assist with tubing selection
- Tubing can be sterilized via autoclave and gamma irradiation
- Wide temperature range of -59 to 135 °C (-75 to 275 °F)
- Flexible tubing with a 64 Shore A durometer

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)			Item Number	Reel Length (ft)
Tubing ID	Tubing OD	Wall		
1/50" (0.5)	9/64" (3.6)	1/16" (1.6)	50123-49	25
1/32" (0.8)	5/32" (4.0)	1/16" (1.6)	50123-50	25
1/16" (1.6)	1/8" (3.2)	1/32" (0.8)	50123-51	25
1/16" (1.6)	3/16" (4.8)	1/16" (1.6)	50123-52	25
3/32" (2.4)	7/32" (5.6)	1/16" (1.6)	50123-53	25
1/8" (3.2)	3/16" (4.8)	1/32" (0.8)	50123-54	25
1/8" (3.2)	1/4" (6.4)	1/16" (1.6)	50123-55	25
3/16" (4.8)	5/16" (7.9)	1/16" (1.6)	50123-56	25
3/16" (4.8)	3/8" (9.5)	1/16" (1.6)	50123-57	25
1/4" (6.4)	3/8" (9.5)	1/16" (1.6)	50123-58	25
1/4" (6.4)	1/2" (12.7)	1/8" (3.2)	50123-59	25
5/16" (7.9)	7/16" (11.1)	1/16" (1.6)	50123-60	25
5/16" (7.9)	1/2" (12.7)	3/32" (2.4)	50141-44	25
3/8" (9.5)	1/2" (12.7)	1/16" (1.6)	50123-61	25
3/8" (9.5)	5/8" (15.9)	1/8" (3.2)	50123-62	25
1/2" (12.7)	3/4" (19.1)	1/8" (3.2)	50123-63	25
5/8" (15.9)	7/8" (22.2)	1/8" (3.2)	50123-64	25
3/4" (19.1)	1" (25.4)	1/8" (3.2)	50123-65	25

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