

L/S® Precision Pump Tubing

- Ensure optimal performance from your Masterflex pump
- Custom extruded to fit Masterflex pumps
- Engineered for long life in peristaltic pump applications
- Lot-to-lot consistency provides superior accuracy and repeatability

Masterflex L/S pump tubing is manufactured to extremely close tolerances that match our L/S pump heads, ensuring accurate, repeatable flow and long tubing life. Our pump tubing is factory-tested and optically inspected to provide the best performance from your peristaltic pump. With 21 different materials available, there is an L/S pump tubing formulation suitable for nearly any fluid handling application.

Our High-performance Precision pump tubing features a thicker wall compared to our Precision pump tubing, making it the best choice for applications involving pressure, suction lift, viscous fluids, or long tubing life. See pages 1524-1525 to order.

Find MORE!

For detailed formulation descriptions and specifications, see **pages 1490-1495**.

Specifications

Pump tubing cross sections	L/S Precision pump tubing					
	L/S 13	L/S 14	L/S 16	L/S 25	L/S 17	L/S 18
Inside diameter (nominal)	0.8 mm (0.03")	1.6 mm (0.06")	3.1 mm (0.12")	4.8 mm (0.19")	6.4 mm (0.25")	7.9 mm (0.31")
Hose barb size	1.6 mm (1/16")	1.6 mm (1/16")	3.2 mm (1/8")	4.8 mm (3/16")	6.4 mm (1/4")	9.5 mm (3/8")
Flow range (approximate) [†] with 1 to 600 rpm drive	0.06 to 36 mL/min	0.21 to 130 mL/min	0.8 to 480 mL/min	1.7 to 1000 mL/min	2.8 to 1700 mL/min	3.8 to 2300 mL/min
Maximum pressure [‡]	2.7 bar (40 psig)			2.4 bar (35 psig)	1.4 bar (20 psig)	1.0 bar (15 psig)
Maximum vacuum [‡]	660 mm Hg (26" Hg)			510 mm Hg (20" Hg)		
Suction lift [‡]	8.8 m H ₂ O (29 ft H ₂ O)			6.7 m H ₂ O (22 ft H ₂ O)		

[†]Determined under the following conditions: 0 psi at inlet, 0.5 psi at outlet; water temperature at 22°C (72°F). values shown are for firm tubing. Value for GORE® pump tubing is 4.1 bar (60 psi) continuous.

[‡]Actual performance varies depending on tubing formulation—

Ordering Information

Pump tubing formulation	L/S Pump Head Compatibility					L/S 13	L/S 14	L/S 16	L/S 25	L/S 17	L/S 18
	Standard	Easy-Load®	Easy-Load II	Easy-Load 3	Multichannel Cartridge						
Silicone (platinum-cured)	✓	✓	✓	✓	✓	T-96410-13 /pk 7.6 m (25 ft)/pk	T-96410-14 /pk 7.6 m (25 ft)/pk	T-96410-16 /pk 7.6 m (25 ft)/pk	T-96410-25 /pk 7.6 m (25 ft)/pk	T-96410-17 /pk 7.6 m (25 ft)/pk	T-96410-18 /pk 7.6 m (25 ft)/pk
Silicone (peroxide-cured)	✓	✓	✓	✓	✓	T-96400-13 /pk 7.6 m (25 ft)/pk	T-96400-14 /pk 7.6 m (25 ft)/pk	T-96400-16 /pk 7.6 m (25 ft)/pk	T-96400-25 /pk 7.6 m (25 ft)/pk	T-96400-17 /pk 7.6 m (25 ft)/pk	T-96400-18 /pk 7.6 m (25 ft)/pk
BioPharm silicone (platinum-cured)	✓	✓	✓	✓	✓	T-96420-13 /pk 7.6 m (25 ft)/pk	T-96420-14 /pk 7.6 m (25 ft)/pk	T-96420-16 /pk 7.6 m (25 ft)/pk	T-96420-25 /pk 7.6 m (25 ft)/pk	T-96420-17 /pk 7.6 m (25 ft)/pk	T-96420-18 /pk 7.6 m (25 ft)/pk
BioPharm Plus silicone (platinum-cured)	✓	✓	✓	✓	✓	T-96440-13 /pk 7.6 m (25 ft)/pk	T-96440-14 /pk 7.6 m (25 ft)/pk	T-96440-16 /pk 7.6 m (25 ft)/pk	T-96440-25 /pk 7.6 m (25 ft)/pk	T-96440-17 /pk 7.6 m (25 ft)/pk	T-96440-18 /pk 7.6 m (25 ft)/pk
Puri-Flex™	✓	✓	✓	✓	✓	T-96419-13 /pk 7.6 m (25 ft)/pk	T-96419-14 /pk 7.6 m (25 ft)/pk	T-96419-16 /pk 7.6 m (25 ft)/pk	T-96419-25 /pk 7.6 m (25 ft)/pk	T-96419-17 /pk 7.6 m (25 ft)/pk	T-96419-18 /pk 7.6 m (25 ft)/pk
C-FLEX®	✓	✓	✓	✓	✓	T-06424-13 /pk 7.6 m (25 ft)/pk	T-06424-14 /pk 7.6 m (25 ft)/pk	T-06424-16 /pk 7.6 m (25 ft)/pk	T-06424-25 /pk 7.6 m (25 ft)/pk	T-06424-17 /pk 7.6 m (25 ft)/pk	T-06424-18 /pk 7.6 m (25 ft)/pk
C-Flex® ULTRA NEW	✓	✓	✓	✓	✓	—	T-06434-14 /pk 7.6 m (25 ft)/pk	T-06434-16 /pk 7.6 m (25 ft)/pk	T-06434-25 /pk 7.6 m (25 ft)/pk	T-06434-17 /pk 7.6 m (25 ft)/pk	T-06434-18 /pk 7.6 m (25 ft)/pk
PharMed® BPT	✓	✓	✓	✓	✓	T-06508-13 /pk 7.6 m (25 ft)/pk	T-06508-14 /pk 7.6 m (25 ft)/pk	T-06508-16 /pk 7.6 m (25 ft)/pk	T-06508-25 /pk 7.6 m (25 ft)/pk	T-06508-17 /pk 7.6 m (25 ft)/pk	T-06508-18 /pk 7.6 m (25 ft)/pk
PharmaPure®	✓	✓				T-06435-13 /pk 7.6 m (25 ft)/pk	T-06435-14 /pk 7.6 m (25 ft)/pk	T-06435-16 /pk 7.6 m (25 ft)/pk	T-06435-25 /pk 7.6 m (25 ft)/pk	T-06435-17 /pk 7.6 m (25 ft)/pk	T-06435-18 /pk 7.6 m (25 ft)/pk