

L/S® High-Performance 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.

Specifications

Pump tubing cross sections	L/S High-performance Precision pump tubing			
	L/S 15	L/S 24	L/S 35	L/S 36
Inside diameter (nominal)	4.8 mm (0.19")	6.4 mm (0.25")	7.9 mm (0.31")	9.7 mm (0.38")
Hose barb size	4.8 mm (3/16")	6.4 mm (1/4")	9.5 mm (3/8")	9.5 mm (3/8")
Flow range (approximate) [†] with 1 to 600 rpm drive Value in () obtained with High-Performance pump head	1.7 to 1000 mL/min (1.8 to 1100 mL/min)	2.8 to 1700 mL/min (3.0 to 1800 mL/min)	3.8 to 2300 mL/min (4.3 to 2600 mL/min)	4.8 to 2900 mL/min (5.8 to 3400 mL/min)
Maximum pressure [‡]	2.7 bar (40 psig)		2.4 bar (35 psig)	1.4 bar (20 psig)
Maximum vacuum [‡]	660 mm Hg (26" Hg)		610 mm Hg (24" Hg)	
Suction lift [‡]	8.8 m H ₂ O (29 ft H ₂ O)		8.3 m H ₂ O (27 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).

[‡]Actual performance varies depending on tubing formulation—values shown are for firm tubing. Value for GORE® pump tubing is 4.1 bar (60 psi) continuous.

MORE online!

For help selecting the right Masterflex pump tubing formulation for your application, go to . . .

ColeParmer.com/MasterflexTubing

Ordering Information

Pump tubing formulation	L/S Pump Head Compatibility					L/S 15	L/S 24	L/S 35	L/S 36
	Standard	Easy-Load®	Easy-Load II	Easy-Load 3	High-Performance				
Silicone (platinum-cured)	✓	✓	✓	✓	✓	T-96410-15 /pk 7.6 m (25 ft)/pk	T-96410-24 /pk 7.6 m (25 ft)/pk	T-96410-35 /pk 7.6 m (25 ft)/pk	T-96410-36 /pk 7.6 m (25 ft)/pk
Silicone (peroxide-cured)	✓	✓	✓	✓	✓	T-96400-15 /pk 7.6 m (25 ft)/pk	T-96400-24 /pk 7.6 m (25 ft)/pk	T-96400-35 /pk 7.6 m (25 ft)/pk	T-96400-36 /pk 7.6 m (25 ft)/pk
BioPharm silicone (platinum-cured)	✓	✓	✓	✓	✓	T-96420-15 /pk 7.6 m (25 ft)/pk	T-96420-24 /pk 7.6 m (25 ft)/pk	T-96420-35 /pk 7.6 m (25 ft)/pk	T-96420-36 /pk 7.6 m (25 ft)/pk
BioPharm Plus silicone (platinum-cured)	✓	✓	✓	✓	✓	T-96440-15 /pk 7.6 m (25 ft)/pk	T-96440-24 /pk 7.6 m (25 ft)/pk	T-96440-35 /pk 7.6 m (25 ft)/pk	T-96440-36 /pk 7.6 m (25 ft)/pk
Puri-Flex™	✓	✓	✓	✓	✓	T-96419-15 /pk 7.6 m (25 ft)/pk	T-96419-24 /pk 7.6 m (25 ft)/pk	T-96419-35 /pk 7.6 m (25 ft)/pk	T-96419-36 /pk 7.6 m (25 ft)/pk
C-FLEX®	✓	✓	✓	✓	✓	T-06424-15 /pk 7.6 m (25 ft)/pk	T-06424-24 /pk 7.6 m (25 ft)/pk	T-06424-35 /pk 7.6 m (25 ft)/pk	T-06424-36 /pk 7.6 m (25 ft)/pk
C-Flex® ULTRA NEW	✓	✓	✓	✓	✓	T-06434-15 /pk 7.6 m (25 ft)/pk	T-06434-24 /pk 7.6 m (25 ft)/pk	T-06434-35 /pk 7.6 m (25 ft)/pk	T-06434-36 /pk 7.6 m (25 ft)/pk
PharMed® BPT	✓	✓	✓	✓	✓	T-06508-15 /pk 7.6 m (25 ft)/pk	T-06508-24 /pk 7.6 m (25 ft)/pk	T-06508-35 /pk 7.6 m (25 ft)/pk	T-06508-36 /pk 7.6 m (25 ft)/pk
PharmaPure®		✓	✓			T-06435-15 /pk 7.6 m (25 ft)/pk	T-06435-24 /pk 7.6 m (25 ft)/pk	—	—