



# MASTERflex® 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.








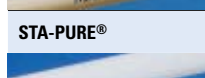

## L/S® High-Performance Precision Pump Tubing Specifications

Pump tubing cross sections	High-performance precision pump tubing			
				
	L/S 15	L/S 24	L/S 35	L/S 36
Inside diameter (nominal)	0.19" (4.8 mm)	0.25" (6.4 mm)	0.31" (7.9 mm)	0.38" (9.7 mm)
Hose barb size	3/16" (4.8 mm)	1/4" (6.4 mm)	3/8" (9.5 mm)	3/8" (9.5 mm)
Flow range (approximate) <sup>†</sup> 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, continuous <sup>‡</sup>	25 psig (1.7 bar)		20 psig (1.4 bar)	15 psig (1.0 bar)
Maximum pressure, intermittent <sup>‡</sup>	40 psig (2.7 bar)		35 psig (2.4 bar)	20 psig (1.4 bar)
Maximum vacuum <sup>‡</sup>	26" Hg (660 mm Hg)		24" Hg (610 mm Hg)	
Suction lift <sup>‡</sup>	29 ft H <sub>2</sub> O (8.8 m H <sub>2</sub> O)		27 ft H <sub>2</sub> O (8.3 m H <sub>2</sub> O)	

<sup>†</sup>Determined under the following conditions: 0 psi at inlet, 0.5 psi at outlet; water temperature at 72°F (22°C).

<sup>‡</sup>Actual performance varies depending on tubing formulation—values shown are for firm tubing. Values for STA-PURE®/CHEM-SURE® pump tubing are 60 psi (4.1 bar) continuous, 100 psi (6.9 bar) intermittent.

## L/S® High-Performance Precision Pump Tubing 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)	✓	✓	✓	✓	✓	RZ-96410-15 /pk 25 ft (7.6 m)/pk	RZ-96410-24 /pk 25 ft (7.6 m)/pk	RZ-96410-35 /pk 25 ft (7.6 m)/pk	RZ-96410-36 /pk 25 ft (7.6 m)/pk
 Silicone (peroxide-cured)	✓	✓	✓	✓	✓	RZ-96400-15 /pk 25 ft (7.6 m)/pk	RZ-96400-24 /pk 25 ft (7.6 m)/pk	RZ-96400-35 /pk 25 ft (7.6 m)/pk	RZ-96400-36 /pk 25 ft (7.6 m)/pk
 BioPharm silicone (platinum-cured)	✓	✓	✓	✓	✓	RZ-96420-15 /pk 25 ft (7.6 m)/pk	RZ-96420-24 /pk 25 ft (7.6 m)/pk	RZ-96420-35 /pk 25 ft (7.6 m)/pk	RZ-96420-36 /pk 25 ft (7.6 m)/pk
 BioPharm Plus silicone (platinum-cured)	✓	✓	✓	✓	✓	RZ-96440-15 /pk 25 ft (7.6 m)/pk	RZ-96440-24 /pk 25 ft (7.6 m)/pk	RZ-96440-35 /pk 25 ft (7.6 m)/pk	RZ-96440-36 /pk 25 ft (7.6 m)/pk
 C-FLEX®	✓	✓	✓	✓	✓	RZ-06424-15 /pk 25 ft (7.6 m)/pk	RZ-06424-24 /pk 25 ft (7.6 m)/pk	RZ-06424-35 /pk 25 ft (7.6 m)/pk	RZ-06424-36 /pk 25 ft (7.6 m)/pk
 PharMed® BPT	✓	✓	✓	✓	✓	RZ-06508-15 /pk 25 ft (7.6 m)/pk	RZ-06508-24 /pk 25 ft (7.6 m)/pk	RZ-06508-35 /pk 25 ft (7.6 m)/pk	RZ-06508-36 /pk 25 ft (7.6 m)/pk
 PharmaPure®		✓	✓			RZ-06435-15 /pk 25 ft (7.6 m)/pk	RZ-06435-24 /pk 25 ft (7.6 m)/pk	—	—
 STA-PURE®	✓	✓	✓		✓	RZ-96211-15 /pk 14" (35.6 cm)/pk	RZ-96211-24 /pk 14" (35.6 cm)/pk	RZ-96211-35 /pk 14" (35.6 cm)/pk	—
 CHEM-SURE®	✓	✓	✓		✓	RZ-96212-15 /pk 14" (35.6 cm)/pk	RZ-96212-24 /pk 14" (35.6 cm)/pk	RZ-96212-35 /pk 14" (35.6 cm)/pk	—