


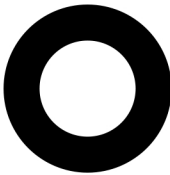
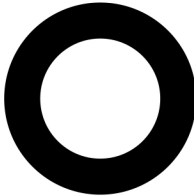


MASTERFLEX®
Tubing

I/P® High-Performance Precision Pump Tubing

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	I/P High-performance Precision pump tubing		
			
	I/P 70	I/P 88	I/P 89
Inside diameter (nominal)	9.5 mm (0.37")	12.7 mm (0.5")	15.88 mm (0.62")
Hose barb size (nominal)	9.5 mm (3/8")	12.7 mm (1/2")	15.88 mm (5/8")
Flow range (approximate) [†] with 1 to 650 rpm drive	0.01 to 8 LPM (0.002 to 2.1 GPM)	0.02 to 17 LPM (0.005 to 4.5 GPM)	0.03 to 19 LPM (0.007 to 5.0 GPM)
Maximum pressure [‡]	2.7 bar (40 psi)	2.4 bar (35 psi)	1.4 bar (20 psi)
Maximum vacuum [‡]	660 mm Hg (26" Hg)	660 mm Hg (26" Hg)	610 mm Hg (24" Hg)
Suction lift [‡]	8.8 m H ₂ O (29 ft H ₂ O)	8.8 m H ₂ O (29 ft H ₂ O)	8.2 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.

Ordering Information

Pump tubing formulation	I/P Pump Head Compatibility			
	High-Performance	I/P 70	I/P 88	I/P 89
Silicone (platinum-cured)	✓	T-96510-70 3.0 m (10 ft)/pk	T-96510-88 3.0 m (10 ft)/pk	T-96510-89 3.0 m (10 ft)/pk
BioPharm silicone (platinum-cured)	✓	T-96421-70 3.0 m (10 ft)/pk	T-96421-88 3.0 m (10 ft)/pk	T-96421-89 3.0 m (10 ft)/pk
BioPharm Plus silicone (platinum-cured)	✓	T-96441-70 3.0 m (10 ft)/pk	T-96441-88 3.0 m (10 ft)/pk	T-96441-89 3.0 m (10 ft)/pk
Puri-Flex™	✓	T-96419-70 3.0 m (10 ft)/pk	T-96419-88 3.0 m (10 ft)/pk	T-96419-89 3.0 m (10 ft)/pk
C-FLEX®	✓	T-06424-70 3.0 m (10 ft)/pk	T-06424-88 3.0 m (10 ft)/pk	T-06424-89 3.0 m (10 ft)/pk
PharMed® BPT	✓	T-06508-70 7.6 m (25 ft)/pk	T-06508-88 7.6 m (25 ft)/pk	—
Chem-Durance® Bio	✓	T-06442-70 15.2 m (50 ft)/pk	T-06442-88 7.6 m (25 ft)/pk	T-06442-89 7.6 m (25 ft)/pk
Tygon® E-LFL NEW	✓	T-06440-70 3.0 m (10 ft)/pk	T-06440-88 3.0 m (10 ft)/pk	T-06440-89 3.0 m (10 ft)/pk
Tygon® E-Food (B44-4X) NEW	✓	T-06418-70 15.2 m (50 ft)/pk	T-06418-88 15.2 m (50 ft)/pk	T-06418-89 15.2 m (50 ft)/pk
Tygon® E-Lab (E-3603) NEW	✓	T-06509-70 15.2 m (50 ft)/pk	T-06509-88 15.2 m (50 ft)/pk	T-06509-89 15.2 m (50 ft)/pk
Norprene® (A 60 G)	✓	T-06404-70 7.6 m (25 ft)/pk	T-06404-88 7.6 m (25 ft)/pk	T-06404-89 7.6 m (25 ft)/pk
Norprene® Food (A 60 F)	✓	—	T-06402-88 7.6 m (25 ft)/pk	T-06402-89 7.6 m (25 ft)/pk
GORE® Style 100SC NEW	✓	—	T-96190-88 61 cm (24")/pk	T-96190-89 61 cm (24")/pk
GORE® Style 500 NEW	✓	—	T-96191-88 61 cm (24")/pk	T-96191-89 61 cm (24")/pk
GORE® Style 400 NEW	✓	—	T-06439-88 61 cm (24")/pk	—