

MASTERFLEX® I/P® Precision and High-Performance Precision Pump Tubing

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

Masterflex® I/P® pump tubing is manufactured to extremely close tolerances that match our I/P® pump heads, ensuring accurate, repeatable flow and long tubing life. Our tubing is factory-tested and optically inspected to provide the best performance from your peristaltic pump.

GO to ColeParmer.com
ColeParmer.com/MasterflexTubing
 For help selecting the right Masterflex® pump tubing formulation for your application, visit our Web site at www.coleparmer.com/MasterflexTubing

I/P® Pump Tubing Specifications

Pump tubing cross sections	I/P® Precision pump tubing			I/P® High-performance precision pump tubing		
	I/P® 26	I/P® 73	I/P® 82	I/P® 70	I/P® 88	I/P® 89
Inside diameter (nominal)	0.25" (6.4 mm)	0.37" (9.5 mm)	0.5" (12.7 mm)	0.37" (9.5 mm)	0.5" (12.7 mm)	0.62" (15.88 mm)
Hose barb size (nominal)	¼" (6.4 mm)	⅜" (9.5 mm)	½" (12.7 mm)	⅜" (9.5 mm)	½" (12.7 mm)	⅝" (15.88 mm)
Flow range (approximate)* with 1 to 650 rpm drive	0.01 to 4 LPM (0.002 to 1.1 GPM)	0.01 to 8 LPM (0.002 to 2.1 GPM)	0.02 to 13 LPM (0.005 to 3.5 GPM)	0.01 to 8 LPM (0.002 to 2.1 GPM)	0.02 to 13 LPM (0.005 to 3.5 GPM)	0.03 to 17 LPM (0.007 to 4.5 GPM)
Maximum pressure [†] , continuous	25 psi (1.7 bar)	25 psi (1.7 bar)	15 psi (1.0 bar)	25 psi (1.7 bar)	25 psi (1.7 bar)	15 psi (1.0 bar)
Maximum pressure [†] , intermittent	40 psi (2.7 bar)	40 psi (2.7 bar)	20 psi (1.4 bar)	40 psi (2.7 bar)	35 psi (2.4 bar)	20 psi (1.4 bar)
Maximum vacuum [†]	26" Hg (660 mm Hg)	26" Hg (660 mm Hg)	20" Hg (510 mm Hg)	26" Hg (660 mm Hg)	26" Hg (660 mm Hg)	24" Hg (610 mm Hg)
Suction lift [†]	29 ft H ₂ O (8.8 m H ₂ O)	29 ft H ₂ O (8.8 m H ₂ O)	23 ft H ₂ O (7.0 m H ₂ O)	29 ft H ₂ O (8.8 m H ₂ O)	29 ft H ₂ O (8.8 m H ₂ O)	27 ft H ₂ O (8.2 m H ₂ O)

*Determined under the following conditions: 0 psi at inlet, 0.5 psi at outlet; water temperature at 72°F (22°C). [†]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.

I/P® Pump Tubing Ordering Information

Pump tubing formulation		Precision pump tubing			High-performance precision pump tubing		
		I/P® 26	I/P® 73	I/P® 82	I/P® 70	I/P® 88	I/P® 89
Silicone (platinum cured)	25 ft (7.6 m) per pack	KH-96410-26	KH-96410-73	KH-96410-82	KH-96510-70 10-ft pk	KH-96510-88 10-ft pk	KH-96510-89 10-ft pk
Silicone (peroxide cured)	25 ft (7.6 m) per pack	KH-96400-26	KH-96400-73	KH-96400-82	KH-96400-70 10-ft pk	KH-96400-88 10-ft pk	KH-96400-89 10-ft pk
BioPharm silicone (platinum)	25 ft (7.6 m) per pack	KH-96420-26	KH-96420-73	KH-96420-82	KH-96421-70 10-ft pk	KH-96421-88 10-ft pk	KH-96421-89 10-ft pk
BioPharm Plus silicone (platinum)	25 ft (7.6 m) per pack	KH-96440-26	KH-96440-73	KH-96440-82	KH-96441-70 10-ft pk	KH-96441-88 10-ft pk	KH-96441-89 10-ft pk
C-FLEX® (50 A)	25 ft (7.6 m) per pack	KH-06424-26	KH-06424-73	KH-06424-82	KH-06424-70 10-ft pk	KH-06424-88 10-ft pk	KH-06424-89 10-ft pk
PharMed® BPT	25 ft (7.6 m) per pack	KH-06508-26	KH-06508-73	KH-06508-82	KH-06508-70	KH-06508-88	KH-06508-89
PharmaPure® ^{††}	25 ft (7.6 m) per pack	KH-06435-26	KH-06435-73	KH-06435-82	—	—	—
STA-PURE®	24" (61 cm) per pack	KH-96200-26	KH-96200-73	KH-96200-82	—	—	—
CHEM-SURE®	24" (61 cm) per pack	KH-96210-26	KH-96210-73	KH-96210-82	—	—	—
Tygon® LFL	25 ft (7.6 m) per pack	KH-06429-26	KH-06429-73	KH-06429-82	KH-06429-70	KH-06429-88	KH-06429-89
Tygon® Food (B-44-X)	50 ft (15.2 m) per pack	KH-06419-26	KH-06419-73	KH-06419-82	—	—	—
Tygon® lab (R-3603)	50 ft (15.2 m) per pack	KH-06409-26	KH-06408-73	KH-06408-82	KH-06409-70	KH-06409-88	KH-06409-89
Tygon® fuel & lubricant (F-4040-A)	50 ft (15.2 m) per pack	KH-06401-26	KH-06401-73	KH-06401-82	—	—	—
Tygon® chemical (2001) [†]	50 ft (15.2 m) per pack	KH-06475-26	KH-06475-73	KH-06475-82	—	—	—
Norprene® (A 60 G)	50 ft (15.2 m) per pack	KH-06404-26	KH-06404-73	KH-06404-82	KH-06404-70 25-ft pk	KH-06404-88 25-ft pk	KH-06404-89 25-ft pk
Norprene® Food (A 60 F)	50 ft (15.2 m) per pack	KH-06402-26	KH-06402-73	KH-06402-82	KH-06402-70 25-ft pk	KH-06402-88 25-ft pk	KH-06402-89 25-ft pk
Chem-Durance™	50 ft (15.2 m) per pack	New —	KH-06432-73	KH-06432-82	KH-06432-70 ^{††}	KH-06432-88 25-ft pk	KH-06432-89 25-ft pk
Viton®	25 ft (7.6 m) per pack	KH-06412-26	KH-06412-73	—	—	—	—
FDA Viton®	25 ft (7.6 m) per pack	KH-96412-26	KH-96412-73	—	—	—	—

[†]Recommended for use with Easy-Load® pump head only. ^{††}Recommended for use with Easy-Load or High-Performance pump heads only.