



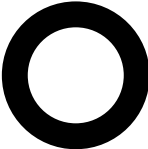

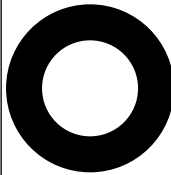
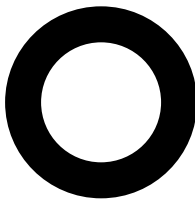
MASTERflex® I/P® Precision and High-Performance Precision Pump Tubing

- 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.

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 ¹ , 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 ¹ , 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 ¹ | 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 ¹ | 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). ¹Actual 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 | K-96410-26 /pk | K-96410-73 /pk | K-96410-82 /pk | K-96510-70 /10-ft pk | K-96510-88 /10-ft pk | K-96510-89 /10-ft pk |
| Silicone (peroxide cured) | 25 ft (7.6 m) per pack | K-96400-26 /pk | K-96400-73 /pk | K-96400-82 /pk | K-96400-70 /10-ft pk | K-96400-88 /10-ft pk | K-96400-89 /10-ft pk |
| BioPharm silicone (platinum) | 25 ft (7.6 m) per pack | K-96420-26 /pk | K-96420-73 /pk | K-96420-82 /pk | K-96421-70 /10-ft pk | K-96421-88 /10-ft pk | K-96421-89 /10-ft pk |
| BioPharm Plus silicone (platinum) | 25 ft (7.6 m) per pack | K-96440-26 /pk | K-96440-73 /pk | K-96440-82 /pk | K-96441-70 /10-ft pk | K-96441-88 /10-ft pk | K-96441-89 /10-ft pk |
| C-FLEX® (50 A) | 25 ft (7.6 m) per pack | K-06424-26 /pk | K-06424-73 /pk | K-06424-82 /pk | K-06424-70 /10-ft pk | K-06424-88 /10-ft pk | K-06424-89 /10-ft pk |
| PharMed® BPT | 25 ft (7.6 m) per pack | K-06508-26 /pk | K-06508-73 /pk | K-06508-82 /pk | K-06508-70 /pk | K-06508-88 /pk | K-06508-89 /pk |
| PharmaPure® ^{††} | 25 ft (7.6 m) per pack | K-06435-26[†] /pk | K-06435-73[†] /pk | K-06435-82[†] /pk | — | — | — |
| STA-PURE® | 24" (61 cm) per pack | K-96200-26 /pk | K-96200-73 /pk | K-96200-82 /pk | — | — | — |
| CHEM-SURE® | 24" (61 cm) per pack | K-96210-26 /pk | K-96210-73 /pk | K-96210-82 /pk | — | — | — |
| Tygon® LFL | 25 ft (7.6 m) per pack | K-06429-26 /pk | K-06429-73 /pk | K-06429-82 /pk | K-06429-70 /pk | K-06429-88 /pk | K-06429-89 /pk |
| Tygon® Food (B-44-X) | 50 ft (15.2 m) per pack | K-06419-26 /pk | K-06419-73 /pk | K-06419-82 /pk | — | — | — |
| Tygon® lab (R-3603) | 50 ft (15.2 m) per pack | K-06409-26 /pk | K-06408-73 /pk | K-06408-82 /pk | K-06409-70 /pk | K-06409-88 /pk | K-06409-89 /pk |
| Tygon® fuel & lubricant (F-4040-A) | 50 ft (15.2 m) per pack | K-06401-26 /pk | K-06401-73 /pk | K-06401-82 /pk | — | — | — |
| Tygon® chemical (2001) [†] | 50 ft (15.2 m) per pack | K-06475-26[†] /pk | K-06475-73[†] /pk | K-06475-82[†] /pk | — | — | — |
| Norprene® (A 60 G) | 50 ft (15.2 m) per pack | K-06404-26 /pk | K-06404-73 /pk | K-06404-82 /pk | K-06404-70 /25-ft pk | K-06404-88 /25-ft pk | K-06404-89 /25-ft pk |
| Norprene® Food (A 60 F) | 50 ft (15.2 m) per pack | K-06402-26 /pk | K-06402-73 /pk | K-06402-82 /pk | K-06402-70 /25-ft pk | K-06402-88 /25-ft pk | K-06402-89 /25-ft pk |
| Chem-Durance™ | 50 ft (15.2 m) per pack | — | K-06432-73 /pk | K-06432-82 /pk | K-06432-70^{††} /pk | K-06432-88 /25-ft pk | K-06432-89 /25-ft pk |
| Viton® | 25 ft (7.6 m) per pack | K-06412-26 /pk | K-06412-73 /pk | — | — | — | — |
| FDA Viton® | 25 ft (7.6 m) per pack | K-96412-26 /pk | K-96412-73 /pk | — | — | — | — |

*Discounts: Save 10% on 4-9 pks, 15% on 10-19 pks, and 20% on 20 or more pks; assortable among all types and sizes except for STA-PURE® and CHEM-SURE®.

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