

Why **MASTERFLEX**® Pump Tubing?

Accept no substitutes—use only Masterflex tubing in your tubing pumps!

- Precision extruded to meet tight tolerances
- Factory tested and optically inspected
- Engineered to comply with numerous standards and classifications—including USP, FDA, NSF, EP, and 3A

To ensure accurate flow rates and long tubing life, use only Masterflex tubing in your pump tubing applications. Our tubing is your best choice because, unlike general-purpose commodity tubing, it is specifically designed and manufactured for use in demanding peristaltic pump applications.

Masterflex tubing will help you achieve top performance from your fluid transfer system. We offer 19 different tubing formulations in a variety of sizes for every application. Select Precision tubing or High-performance precision tubing, which improves pressure generation, suction lift, ability to pump viscous fluids, and tubing life.

Pump Tubing for a Wide Range of Applications

Masterflex pump tubing is ideal for a wide range of applications in a number of markets, including:

- Chemical processing
- Food and beverage
- Medical research
- Education
- Water treatment
- Pharmaceutical
- Environmental
- Industrial
- Laboratory
- Printing
- Biotech
- Semiconductors

Need help to determine the right tubing for your application? Go to www.masterflex.com/techinfo, or call our Application Specialists at 800-MASTERFLEX for a recommendation.

Special Tubing for Challenging Applications

PTFE Tubing

A peristaltic pump head that uses PTFE tubing is available. PTFE tubing is chemically inert, will not absorb or leach into fluid, and can withstand pressure up to 100 psi (6.8 bar).



Style 100 RF Silicone and Style 500 RF FFKM Pump Tubing

Style 100 RF Silicone pump tubing produces no detectable particulates to prevent fluid contamination, and lasts over 6000 hours at 100 rpm. Its unique design and material also provides unparalleled flow stability. Style 500 RF FFKM pump tubing offers the same benefits as our Style 100 RF Silicone tubing, with enhanced chemical resistance for greater fluid compatibility. Style 500 RF FFKM pump tubing is fluoroelastomer-based to withstand aggressive chemicals, including organic solvents—even xylene and toluene.

High-Pressure Tubing

Need to pump under pressure? Masterflex High-Pressure PharMed® BPT and Norprene® tubing can withstand up to 100 psi continuously. PTFE pump tubing can also operate up to 100 psi, while STA-PURE and CHEM-SURE pump tubing exhibit long life at up to 60 psi.



FDA Viton®

For the chemical resistance of Viton combined with FDA approval for food and beverage applications, see FDA Viton.

Quick-Coupling Sanitary Pump Tubing Sets

This tubing features smooth, pre-molded sanitary mini-connections that provide enhanced, bacteria-free fluid transfer and allow quick connection to an adapter or to another length of sanitary tubing with similar pre-molded ends.

Bulk Pump Tubing and Custom Orders

Spoiled and bulk-packed tubing save you money, time and waste, while giving you the added convenience of having enough tubing on hand at all times. Need a large volume of tubing? Contact us and we'll custom package Masterflex tubing to meet your needs.

Choose Masterflex Tubing

The right pump tubing is crucial when building your Masterflex pump system. Before you choose, consider all aspects of your application: chemical compatibility, operating temperature, pressure, necessary regulatory approvals, gas permeability of the tubing, and cleaning/sterilization requirements.



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