Reduce risk
with fluid path solutions from
Watson-Marlow Fluid Technology Group
Watson-Marlow peristaltic pumps and OEM solutions provide total process confidence and security, and scale from the benchtop to full production. Watson-Marlow’s extensive product portfolio offers superior flow stability and metering accuracy ensuring process stability, GMP compliance and the highest final product quality.

www.wmftg.com/watson-marlow
Flexicon is established as the preferred choice for aseptic liquid filling for GMP regulated industries including biotechnology and diagnostics. Our range of aseptic liquid filling equipment scales with your business, from stand-alone units for hand filling, through semi-automatic, to fully automatic filling, stoppering and capping machines.

**Bench top fillers and cappers**  
Stand-alone units for manual aseptic filling and capping.

**Semi-automatic systems**  
Semi-automatic highly flexible filling systems. Ideal for small batch production.

**Automatic filling and capping**  
For clinical trial or contract filling. For bottles with screw caps or vials with crimp caps.

**OEM filling units**  
Peristaltic solutions for high capacity filling machines. Replacements for piston fillers.

**asepticsu® single-use assemblies**  

**Accusil® tubing and filling nozzles**  
Platinum-cured silicone tubing for accurate filling.

ASEPCO Weirless Radial diaphragm™ valves deliver consistency in biotechnology and pharmaceutical processes while reducing maintenance time by up to 80%. Their unique construction and radial diaphragm design makes them completely drainable and virtually eliminates the risk of contamination.

**ASEPCO Weirless Radial in-line valve family**  
Our family of Weirless Radial in-line valves are designed for a host of applications. In addition to the standard in-line valve, our sterile access valve and block-and-bleed valves are designed to eliminate the need for additional equipment and reduce cleaning and contamination risk. Our simple Tri-Clamp assembly allows for 80% faster maintenance.

**ASEPCO Weirless Radial diaphragm tank bottom valve family**  
ASEPCO tank valves are also built around our patented radial diaphragm, and benefit from a simple Tri-Clamp assembly for faster maintenance. Tank valves can be welded truly flush to the bottom of your tank with no need for gaskets, bolts or seams. With our flexible design and manufacturing approach, we can customise valves to suit your needs.

**ASEPCO Weirless Radial diaphragm sample valve**  
Our hydrodynamic design gives you clean, consistent sampling every time and allows for enhanced temperature control and sample system cleanability. The behind-the-seat flow path allows for easy CIP/SIP between samples. The design of the sample valve allows for closer jacketing to the tank with the fittings angled away from the vessel at a quicker rate.
BioPure produces a range of innovative bioprocessing fluid path components that simplify production operations, lower cGMP manufacturing costs and reduce process validation. All BioPure products are supported by class-leading validation guides detailing test protocols including ISO, USP and extractables, enabling customers to quickly assess suitability for their manufacturing process.

Single-handed tool free operation. Unique tamper evident identification technology. Pressure rated up to 7 bar.

Q-Clamp™ sanitary Tri-Clamp™
Single-handed tool free operation. Unique tamper evident identification technology. Pressure rated up to 7 bar.

Platinum-cured silicone braided hose
High pressure flexible hose, single and double braided options. Cleanroom manufactured and packed.

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Single-use fluid path components
Tri-Clamps, flow control valves, end caps and connectors. Cleanroom manufactured and packed.

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BioTube Applicator
Allows automation of tube to hose barb assembly. Increases quality and reduces risk of junction failure.

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puresu® single-use fluid paths
Single-use fluid path assemblies that are cleanroom manufactured and packed. Offering a broad range of validated components and configurations, with no minimum order quantity and simple, repeatable ordering to support a continuous supply chain.

Work with us to design you a perfect customised fluid path solution for your application.

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FlowSmart design and manufacture fluid path components which guarantee product consistency and process security. FlowSmart gasket technology improves sterility within production processes, reducing validation risks for contamination-free applications.

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PolyClamp EPDM sanitary gaskets
SIP compatible with geometric stability after repeat cycles. USP Class VI validated. Flanged and unflanged options.

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SIP compatible with geometric stability after repeat cycles. USP Class VI validated. Flanged and unflanged options.
Aflex hose manufacture the widest, most technically advanced range of PTFE lined flexible hose products. Performance features include excellent chemical resistance, a smooth bore that ensures a clean fast fluid flow, resistance to high pressures and vacuum resistant and unmatched flexibility and kink resistance.

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<tr>
<th>Bioflex Ultra</th>
<th>Pharmaline N&amp;X</th>
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<td>Design for process fluid transfer, Bioflex Ultra smooth bore hose has a patented liner that offers unmatched flexibility and kink resistance. Bioflex Ultra provides a clean, fast flow of high purity fluids. Bores available up to 3 inch (80mm) bore with a range of PTFE lined and non lined end fittings and design options.</td>
<td>Pharmaline N&amp;X hose is designed to replace conventional silicone rubber hose for process fluid transfer. Pharmaline offers improved autoclave life cycle performance, chemical resistance and internal cleanability. Bores are available up to 3 inch (80mm) bore (Pharmaline N only) with a range of non lined end fittings and design options.</td>
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<td>![Bioflex Ultra Image]</td>
<td>![Pharmaline N&amp;X Image]</td>
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Watson-Marlow’s range of high purity platinum-cured silicone, weldable and long life thermoplastic elastomer tubing is designed specifically for applications throughout biotechnology and pharmaceutical processes. Matching Watson-Marlow tubing with our peristaltic pumps enables customers to build easy-to-validate, end-to-end fluid path solutions from a single, reliable source.

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<th>Pumpsil®</th>
<th>PureWeld XL®</th>
<th>Bioprene®</th>
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<td>Platinum-cured silicone with absolute traceability. Single-use tubing for biotechnology and pharmaceutical applications.</td>
<td>Providing secure, cost effective pumping and transfer. Weldable, with low particulate generation.</td>
<td>Thermoplastic elastomer tubing ideal for higher pressure applications with excellent chemical resistance.</td>
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<th>GORE STA-PURE Series PCS</th>
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<th>Sanitary LoadSure® Fluid Path Kit</th>
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<td>PTFE-reinforced silicone tubing with very low particulate generation. Delivers long term performance and repeatable accuracy.</td>
<td>PTFE-reinforced fluoroelastomer tubing handles nearly all aggressive chemicals including organic solvents.</td>
<td>LoadSure elements now include pre-validated BioPure Q-Clamps, and appropriate gaskets from a single source.</td>
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[www.wmftg.com/aflex](http://www.wmftg.com/aflex)

[www.wmftg.com/tubing](http://www.wmftg.com/tubing)
Watson-Marlow Fluid Technology Group supports its customers locally through an extensive global network of direct sales operations and distributors

wmftg.com/global