

WMArchitect Filling Assemblies for Flexicon

- Simplify the validation of a filling process
- Remove risks of liquid contamination
- Easy change-over between liquids
- Exceptional filling accuracy
- Fast delivery



Fill/finish single-use assemblies are a sterile, single-use fluid path perfected for aseptic filling.

The combination of fill/finish assemblies and Flexicon peristaltic technology lowers your risk in high purity, high accuracy filling applications.

Offering precision filling from less than 0.5 ml to over 50 ml, Flexicon peristaltic filling with fill/finish assemblies single-use technology delivers rapid product change-over, no line-cleaning, no cross-contamination and simplified validation.

Single-use simplifies the validation process

Fill/finish assemblies are the preferred solution over traditional hard piped systems with piston pumps that require complex cleaning validation. Our single-use technology backed by our comprehensive validation pack can save significant time and effort validating a new filling process and accelerate your time to market for a new product.

Quick changeover without contamination

Filling flexibility is of paramount importance and fill/finish assemblies ensure that a changeover between batches can take place within minutes. Once your filling process is complete, simply remove fill/finish assemblies from the filling line. As the liquid being filled is not in contact with any mechanical parts, permanent pipework or the external environment, there is no risk of cross contamination.

Huge validation savings
- faster to market



Contamination
- eliminated



Accusil™ precision tubing prevents costly overfilling

Watson-Marlow is the only filling company in full control of the filling equipment, the single-use fluid path assembly process and the tubing. At the heart of fill/finish assemblies is our own Accusil platinum cured silicone tubing, the only silicone tubing optimized for Flexicon fillers. Engineered specifically for post-irradiation dispensing stability and manufactured in our own ISO 14644-1 Class 7 cleanroom under tight tolerances, Accusil is also post-cured for lowest extractables and has indelibly laser etched lot data.

Superior filling accuracy of +/- 0.5% is achievable on volumes higher than 1ml and thereby costly overfilling can be prevented.

Gamma irradiated and ready to use

Fill/finish assemblies eliminate the need for costly laminar air flow assembly areas, autoclaves and labour for on-site assembly and sterilization of filling accessories. To guarantee sterility, all assemblies are double-bagged and pre-sterilized using a validated gamma irradiation process.

With one part number for your fluid path, inventory management and transport into your cleanroom is made simple.

Small batch production
- easy and efficient

Costly overfilling
- prevented



Flexible, reliable supply at any scale

From pre-clinical to full production, Flexicon offers the flexibility you need regardless of production scale. Whether you need just five or ten assemblies, or hundreds at a time, we offer unrivalled delivery times to meet your timescale.

A wide range of options to suit your needs:

- Fill sizes from less than 0.5 ml to 50 ml from a range of six tube sizes and bag sizes from 1 to 10 litres.
- Dripping between fills is prevented and foaming or splashing can easily be minimized with filling nozzle options to fill above or inside the vial.
- Sterile 0.2µm filters can also be supplied as an accessory. Connect this to the inlet of the fill/finish assembly and you will be able to filter your product prior to the filling process.
- For large scale production, fill/finish assemblies can even be used as a break tank.

Improve safety for operators and the environment

Single use technology helps eliminate the costly energy consumption of CIP/SIP processes and reduces the need for wastewater treatment and disposal. In addition, the risk of operator contact with your product or aggressive cleaning agents is significantly reduced.

Inventory management
- made simple



Fill/Finish assemblies add value across your company

Many departments will see value in using WMArchitect single-use fluid paths and Flexicon filling equipment. They simply increase the flexibility and performance of many processes, and more importantly, reduces risk and cost related to validating and performing aseptic liquid filling.

Project manager	"The time to market for a new liquid will get shorter. Costs for equipment, validation, engineering and space will be greatly reduced"
QA manager	"No risk of cross contamination. Flexicon filling solutions prevent costly overfilling"
Production manager	"Liquids with a short shelf life can easily be filled in smaller batches. My filling equipment can easily be used for a wide range of liquids and volumes"
System operator	"A fast and simple change-over between batches makes us more efficient. The risk of contact with liquids or cleaning agents is greatly reduced"
Inventory manager	"With just one part number for a fluid path, fewer components are needed in stock. A free validation package can ensure that my QA department will approve the product"
Service manager	"With peristaltic filling technology, I rarely need any spare parts. Flexicon is an experienced supplier of complete filling solutions"
Environmental manager	"No risk of residual product or cleaning agents in the sewage system. Our energy consumption will be reduced"

BIOTECHNOLOGY AND PHARMACEUTICAL SOLUTIONS



Watson-Marlow Fluid Technology Solutions

Watson-Marlow Fluid Technology Solutions supports its customers locally through an extensive global network of direct sales operations and distributors

wmfts.com/global



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