



## General Filtration Solutions for R&D/Pharmaceutical Labs

Choose from more than 75 ready-to-use filters and 13mm to 142mm diameter filter discs. PVDF, MCE, PES and PTFE membranes with pore sizes varying from 0.025µm to 8µm, compatible with almost all solutions. Millipore also offers a wide range of fast and easy-to-use filtration devices. These include both pressure driven and vacuum driven devices for processing solution volumes from 1ml to 20L, with flow rates of up to 3L/min. The ultimate in bench-top convenience from Millipore, delivered at your door step through Servell Engineers!

### All Glass Filter Holder

For vacuum filtering corrosive liquids for analysis of particulate contamination or degassing solution. All parts contacting liquid are borosilicate glass, with ground glass sealing surfaces. Vacuum connection to integral base and flask cap is above filtrate exit level, avoiding risk of drawing filtrate droplets into vacuum tubing.

### Glass Filter Holder

Designed for vacuum filtering liquids for analysis of particulate or biological contamination. The filter holder is not autoclavable with the filter in place.

### Hydrosol Stainless Filter Holder

For vacuum filtration of liquids for particulate or biological contamination analysis. The filter holder is autoclavable.

### 142mm Filter Holder

Ultraclean or sterilize liquids or gases by pressure filtration. This is autoclavable with membrane filter in place.

### Vacuum / Pressure pump

This oil free pump is a portable AC powered source of vacuum to 585mm/23" Hg (at mean sea level) or pressure to 4 bar/ 58 psig for filtration of liquids or gases or other continuous or intermittent use with all types of filter holders.

### Pressure Vessel

Dispensing pressure vessels hold liquid for filtration through Millipore pressure-operated filter holders, if connected to an external pressure source. Vessels meet ASME-UM Code requirements. Closures are secured by cam-lock handle. Vessels are autoclavable when vented.

### Filterjet Solvent Dispenser

For dispensing solvents through in-line filter.



### Swinnex Filter Holder - 13, 25, 47 mm

To sterilize small volumes of liquids dispensed by syringe. 100% polypropylene and available in various sizes.

### Swinny Filter Holder - 13, 25 mm

13 mm filter holder with knurled exterior for rapid dismantling and assembling without tools. The 25 mm holder with flat sides requires standard wrenches.

### Millex Filters

Now available in larger 33mm housing with Millipore Express PLUS(PES), Durapore(PVDF) and nylon membranes. The housing materials and membranes are low in extractables that can interfere with analytical analyses. Ideal for sample preparation prior to chromatography, HPLC or other instrument analyses. Also available in 4, 13, 25 and 50mm diameter for filtering 1 mL to 4 L volumes.

### Pre-filters

Ideal for general clarification and pre-filtration. Available in a wide range of polypropylene, glass fiber, quartz fiber, nylon etc. for a variety of applications.

### Filter Membranes

- PVDF Membranes - Durapore: With the lowest binding properties and 99% recovery. Ideal for scale-up applications, sterilizing filtration of antibiotics, biological & DNA solutions, Cell harvesting/ washing, clarification of aqueous HPLC samples, sterility testing etc. (GVWP, HVHP, HVLP)
- PES (Poly Ether Sulfone) Membranes: With the fastest filtration and the lowest non-specific binding
- MCE (Mixed Cellulose Ester) Membranes: The most widely accepted membranes in analytical and research applications. Excellent for adsorption of trace protein contamination and high flow sterilization. For aqueous filtration and a wide range of laboratory applications such as sterilization of tissue culture media, clarification of fluids, particle removal / analysis (AAWG, AAWP, GSWP, HABG, HAWG, HAWP, RAWP, SMWP, SSWP)
- PTFE Fluoropore Membranes: For filtering solvents, these membranes have an extremely wide range of chemical compatibility for applications such as clarification of acids, bases, solvents, alcohols & UV spectroscopy. (FGLP, FHLP, FHUP)

### Sterifil Aseptic System

Used for general filtration applications and filtration of samples for particulate or biological contamination analysis. The closed unit protects sample and filtrate from environmental contamination.