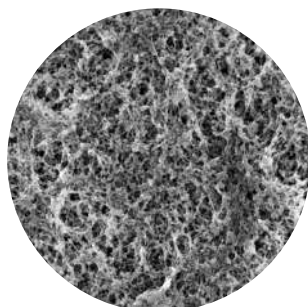


Polyvinylidene Fluoride (PVDF) Hydrophilic Membrane



GVS Hydrophilic Polyvinylidene Difluoride (Hydrophilic PVDF) Filtration Membrane is a supported, hydrophilic membrane that exhibits broad chemical compatibility and low protein binding. Composed of PVDF internally supported by an inert polyester web, the resulting membrane has dimensional stability. This provides higher throughputs than competitor offerings and reduces the amount of filter changes needed during filtration. It is ideal for use in filtration applications of biological solutions.

This hydrophilic membrane has a great thermal stability with maximum operating temperature of 175°F and it is autoclavable.

Features & Benefits

- Superior strength to withstand aggressive handling or use with automated equipment without breaking or tearing
- Low protein binding minimizes retention of proteins in solution
- Low extractables ensure tests will be clean with consistent results
- Lot-to-lot consistency ensures consistent flow and diffusion rates for dependable results every time

Typical Applications

- Sterilizing clarification of biological solutions.
- Preparation of protein-containing solutions prior to chromatography or other instrumental analyses.
- Useful for a wide range of applications, including aggressive and non-aggressive solvent-based mobile phase.
- Offers excellent chemical compatibility, even with aggressive acids and alcohols.
- Provides high flow rates and throughput, low extractables and broad chemical compatibility.
- Better protection of your analytical results.

Performance

Pore Size (µm)	Typical Flow Rate (mL/min/cm ² @ 10 psi)	Typical Bubble Point (psi)	Typical Thickness (µm)
0.22	7	36	170
0.45	29	22	170

Ordering information

Pore sizes	Dimensions	25 mm	47 mm	90mm
	Packaging	100/pk	100/pk	25pk
0.22 µm		3044272	3044270	3044271
0.45 µm		3037802	3037800	3037801