

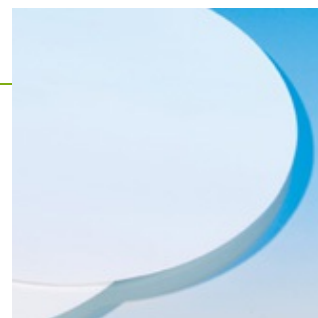


HPLC Mobile Phase Filtration Membranes

Description

Membranes Designed for the Stringent Requirements of Mobile Phase Filtration

- ▶ Membranes are identical in composition and quality to those used in Pall's HPLC-certified Acrodisc® syringe filters
- ▶ HPLC certification assures that the filters will not add artifacts to your analysis
- ▶ GH Polypro membrane is the best choice for filtering mobile phases
- ▶ PTFE membrane provides the ultimate in chemical compatibility for filtering harsh chemicals and HPLC mobile phases



Application

- ▶ Purification and degassing of mobile phase solvents used in liquid chromatography applications

Specifications

Filter Media

- ▶ GH Polypro (GHP, hydrophilic polypropylene), TF (PTFE, hydrophobic polytetrafluoroethylene), PVDF (hydrophilic polyvinylidene fluoride), and Nylaflo™ (hydrophilic nylon) membranes

Pore Size

- ▶ 0.2 and 0.45 μm

Typical Thickness

- ▶ GHP Membrane
 - ▶ 0.2 μm : 101 μm (4.0 mils)
 - ▶ 0.45 μm : 114 μm (4.5 mils)
- ▶ TF (PTFE) Membrane
 - ▶ 0.2 μm : 139 μm (5.5 mils)
 - ▶ 0.45 μm : 135 μm (5.3 mils)
- ▶ PVDF Membrane
 - ▶ 0.2 μm : 140 μm (5.5 mils)
 - ▶ 0.45 μm : 127 μm (5.0 mils)
- ▶ Nylaflo Membrane 0.2 and 0.45 μm : 127 μm (5.0 mils)

Maximum Operating Temperature

- ▶ GHP Membrane: 55 °C (131 °F)
- ▶ PVDF, TF (PTFE), and Nylaflo Membranes: 100 °C (212 °F)

Minimum Bubble Point – Water

- ▶ GHP Membrane
 - ▶ 0.2 μm : 2.9 bar (290 kPa, 42 psi)
 - ▶ 0.45 μm : 1.38 bar (138 kPa, 20 psi)
- ▶ PVDF Membrane
 - ▶ 0.2 μm : 2.3 bar (230 kPa, 34 psi)
 - ▶ 0.45 μm : 1.1 bar (110 kPa, 16 psi)
- ▶ Nylaflo Membrane

- ▶ 0.2 µm: 3.4 bar (340 kPa, 49 psi)
- ▶ 0.45 µm: 2.6 bar (260 kPa, 37 psi)

Minimum Bubble Point - IPA, TF (PTFE) Membrane

- ▶ 0.2 µm: 1.0 bar (100 kPa, 15 psi)
- ▶ 0.45 µm: 0.4 bar (40 kPa, 6 psi)

Related Products

- ▶ [47 mm Filter Funnels, Glass](#)
- ▶ [SolVac® Filter Holder](#)
- ▶ [Stainless Steel Forceps](#)
- ▶ [Vacuum/Pressure Pumps](#)

Ordering Information

Part Number	Description	Pkg	Price	Qty
HPLC Mobile Phase Filtration Membranes, 47 mm				
66557	0.2 µm, GH Polypro (PP) membrane	100/pkg	NA	<input type="text" value="0"/>
66548	0.45 µm, GH Polypro (PP) membrane	100/pkg	NA	<input type="text" value="0"/>
66143	0.2 µm, TF (PTFE) membrane	100/pkg	NA	<input type="text" value="0"/>
66149	0.45 µm, TF (PTFE) membrane	100/pkg	NA	<input type="text" value="0"/>
66477	0.2 µm, FP Vericel (PVDF) membrane	100/pkg	NA	<input type="text" value="0"/>
66480	0.45 µm, FP Vericel (PVDF) membrane	100/pkg	NA	<input type="text" value="0"/>
66602	0.2 µm, Nylaflo (Nylon) membrane	100/pkg	NA	<input type="text" value="0"/>
66608	0.45 µm, Nylaflo (Nylon) membrane	100/pkg	NA	<input type="text" value="0"/>

Contact Information

Pall Office(s)

World Headquarters
 25 Harbor Park Drive
 Port Washington, NY 11050
 USA
 Phone: (516) 484-3600
 Alternate Phone: **1-800-289-7255**
 Fax: (516) 801-9754
[Driving Directions](#)
[Map](#)

Distributor(s)

VWR International
 1310 Goshen Parkway
 West Chester, PA 19380
 USA
 Phone: 800.932.5000
 Phone: 610.431.1700
 Fax: 610.436.1760
 Web: <http://www.vwrsp.com/>

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