

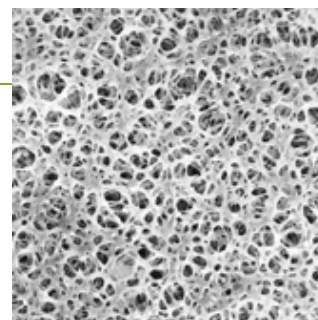


## Versapor® Acrylic Copolymer Membrane Disc Filters

### Description

#### Ideal for Prefiltration of Difficult-to-Filter Solutions and Serum

- ▶ Reduces clogging of final filters. Can be used upstream of a sterilizing filter for viscous solutions.
- ▶ Strong and flexible while both wet or dry.
- ▶ Excellent throughput with high liquid flow rates at low differential pressures.



### Application

- ▶ Designed to be used in applications requiring excellent retention properties combined with tensile strengths in excess of 200 bar (20,000 kPa, 3000 psi).

### Specifications

#### Filter Media

- ▶ Hydrophilic acrylic copolymer on a non-woven support

#### Pore Size

- ▶ 0.2, 0.45, 0.8, 1.2, 3, and 5  $\mu\text{m}$

#### Diameter

- ▶ 25 - 293 mm

#### Typical Thickness

- ▶ 94  $\mu\text{m}$  (3.7 mils)

#### Typical Water Flow Rate

- ▶ mL/min/cm<sup>2</sup> at 0.7 bar (70 kPa, 10 psi)
- ▶ 0.2  $\mu\text{m}$ : 16
- ▶ 0.45  $\mu\text{m}$ : 75
- ▶ 0.8  $\mu\text{m}$ : 142
- ▶ 1.2  $\mu\text{m}$ : 315
- ▶ 3  $\mu\text{m}$ : 518
- ▶ 5  $\mu\text{m}$ : 778

#### Maximum Operating Temperature - Water

- ▶ 88 °C (190 °F)

#### Minimum Bubble Point - Water

- ▶ 0.2  $\mu\text{m}$ : 2.0 bar (200 kPa, 30 psi)
- ▶ 0.45  $\mu\text{m}$ : 1.1 bar (110 kPa, 16 psi)
- ▶ 0.8  $\mu\text{m}$ : 0.6 bar (60 kPa, 8 psi)
- ▶ 1.2  $\mu\text{m}$ : 0.4 bar (40 kPa, 6 psi)
- ▶ 3  $\mu\text{m}$ : 0.2 bar (20 kPa, 3 psi)
- ▶ 5  $\mu\text{m}$ : 0.1 bar (10 kPa, 2 psi)

#### Biological Safety

- ▶ Passes United States Pharmacopeia (USP) Biological Reactivity Test, *In Vivo* <88>

### Sterilization

- ▶ Provided non-sterile. If desired, sterilize by gamma irradiation or sanitize with 70% ethanol

### Related Products

- ▶ [13 mm Plastic Swinney Filter Holder](#)
- ▶ [25 mm Filter Funnel, Stainless Steel](#)
- ▶ [47 mm Filter Funnels, Stainless Steel](#)
- ▶ [142 & 293 mm Stainless Steel Disc Filter Holders](#)
- ▶ [25 mm Easy Pressure Syringe Filter Holder](#)
- ▶ [25 mm In-line Filter Holder, Delrin\\* Plastic](#)
- ▶ [47 mm In-line Filter Holder, Aluminum](#)
- ▶ [47 mm In-line Filter Holder, Polycarbonate](#)
- ▶ [Acrodisc® Syringe Filters with Versapor® Membrane](#)
- ▶ [Open-face Filter Holders](#)
- ▶ [Pressure Rinser](#)
- ▶ [Stainless Steel Forceps](#)

### Ordering Information

Part Number	Description	Pkg	Price	Qty
<b>Versapor 200 Membrane Disc Filters, 0.2 µm</b>				
66414	25 mm	100/pkg	NA	<input type="text" value="0"/>
66415	47 mm	100/pkg	NA	<input type="text" value="0"/>
<b>Versapor 450 Membrane Disc Filters, 0.45 µm</b>				
66407	25 mm	100/pkg	NA	<input type="text" value="0"/>
66408	47 mm	100/pkg	NA	<input type="text" value="0"/>
66410	142 mm	25/pkg	NA	<input type="text" value="0"/>
66411	293 mm	25/pkg	NA	<input type="text" value="0"/>
<b>Versapor 800 Membrane Disc Filters, 0.8 µm</b>				
66400	25 mm	100/pkg	NA	<input type="text" value="0"/>
66331	37 mm	100/pkg	NA	<input type="text" value="0"/>
66401	47 mm	100/pkg	NA	<input type="text" value="0"/>
60098	102 mm	25/pkg	NA	<input type="text" value="0"/>
66403	142 mm	25/pkg	NA	<input type="text" value="0"/>
66404	293 mm	25/pkg	NA	<input type="text" value="0"/>
<b>Versapor 1200 Membrane Disc Filters, 1.2 µm</b>				
66393	25 mm	100/pkg	NA	<input type="text" value="0"/>
66394	47 mm	100/pkg	NA	<input type="text" value="0"/>
66396	142 mm	25/pkg	NA	<input type="text" value="0"/>
66397	293 mm	25/pkg	NA	<input type="text" value="0"/>
<b>Versapor 3000 Membrane Disc Filters, 3 µm</b>				

66386	25 mm	100/pkg	NA	<input type="text" value="0"/>
66387	47 mm	100/pkg	NA	<input type="text" value="0"/>
66389	142 mm	25/pkg	NA	<input type="text" value="0"/>
<b>Versapor 5000 Membrane Disc Filters, 5 µm</b>				
66332	37 mm	100/pkg	NA	<input type="text" value="0"/>
60178	47 mm	100/pkg	NA	<input type="text" value="0"/>

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## Contact Information

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