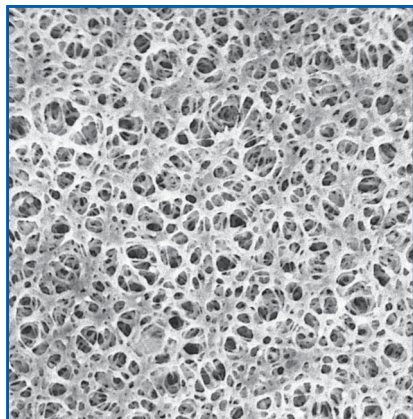


Versapor® Acrylic Copolymer Membrane Disc Filters

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.

Applications

- ▶ 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 µm

Diameter

25 - 293 mm

Typical Thickness

94 µm (3.7 mils)

Typical Water Flow Rate

mL/min/cm² at 0.7 bar (70 kPa, 10 psi)

0.2 µm: 16

0.45 µm: 75

0.8 µm: 142

1.2 µm: 315

3 µm: 518

5 µm: 778

Maximum Operating Temperature - Water

88 °C (190 °F)

Minimum Bubble Point - Water

0.2 µm: 2.0 bar (200 kPa, 30 psi)

0.45 µm: 1.1 bar (110 kPa, 16 psi)

0.8 µm: 0.6 bar (60 kPa, 8 psi)

1.2 µm: 0.4 bar (40 kPa, 6 psi)

3 µm: 0.2 bar (20 kPa, 3 psi)

5 µm: 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.

Ordering Information

Versapor 200 Membrane Disc Filters, 0.2 µm

| Part Number | Description | Pkg |
|-------------|-------------|---------|
| 66414 | 25 mm | 100/pkg |
| 66415 | 47 mm | 100/pkg |

Versapor 450 Membrane Disc Filters, 0.45 µm

| Part Number | Description | Pkg |
|-------------|-------------|---------|
| 66407 | 25 mm | 100/pkg |
| 66408 | 47 mm | 100/pkg |
| 66410 | 142 mm | 25/pkg |
| 66411 | 293 mm | 25/pkg |

Versapor 800 Membrane Disc Filters, 0.8 µm

| Part Number | Description | Pkg |
|-------------|-------------|---------|
| 66400 | 25 mm | 100/pkg |
| 66331 | 37 mm | 100/pkg |
| 66401 | 47 mm | 100/pkg |
| 60098 | 102 mm | 25/pkg |
| 66403 | 142 mm | 25/pkg |
| 66404 | 293 mm | 25/pkg |

Versapor 1200 Membrane Disc Filters, 1.2 µm

| Part Number | Description | Pkg |
|-------------|-------------|---------|
| 66393 | 25 mm | 100/pkg |
| 66394 | 47 mm | 100/pkg |
| 66396 | 142 mm | 25/pkg |
| 66397 | 293 mm | 25/pkg |

Versapor 3000 Membrane Disc Filters, 3 µm

| Part Number | Description | Pkg |
|-------------|-------------|---------|
| 66386 | 25 mm | 100/pkg |
| 66387 | 47 mm | 100/pkg |
| 66389 | 142 mm | 25/pkg |

Versapor 5000 Membrane Disc Filters, 5 µm

| Part Number | Description | Pkg |
|-------------|-------------|---------|
| 66332 | 37 mm | 100/pkg |
| 60178 | 47 mm | 100/pkg |