

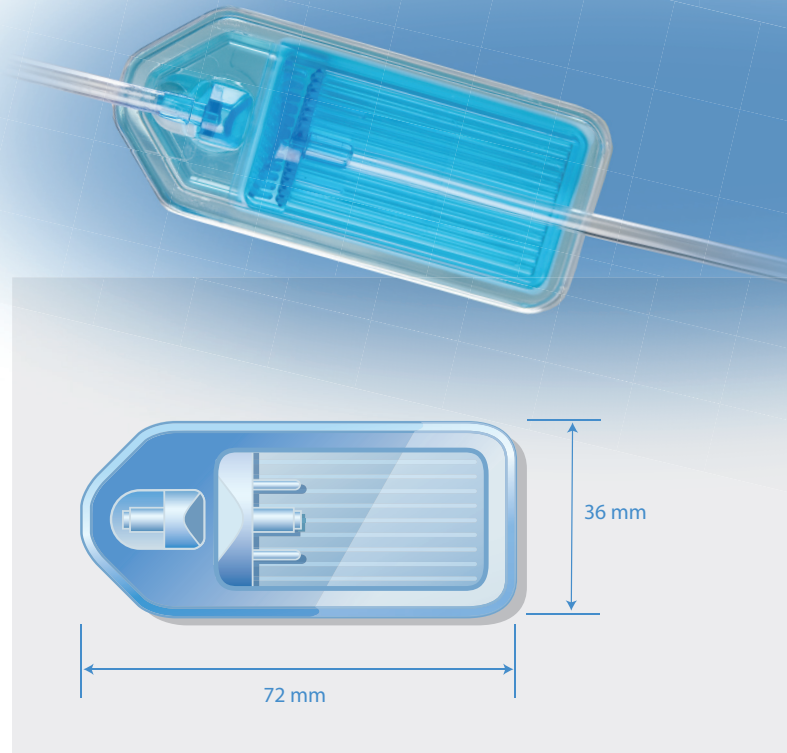
## IV-5 Filter with Supor® Membrane

### Product Design and Performance Advantages

- Dual vent design ensures air elimination and quick priming
- Standard, microbore or macrobore connectors to accommodate a variety of tubing configurations
- Maximizes delivery of critical drugs with proven low drug binding Supor membrane
- Choice of pore sizes that enable retention of particles, bacteria and fungi
- Different coloured housings and pad printing available for ease of final product identification

### Customer Qualified Applications

- IV Solutions
- TPN and Lipid solutions
- Drug Therapy
- Apheresis solutions
- Any process requiring the removal of air from liquid solutions



### Product Specifications

#### Materials of Construction

Filter Membrane: Supor Polyethersulfone  
Filter Housing: Modified Acrylic  
Vent: PTFE

#### Material Content Declaration

Materials of construction do not contain:

- Natural latex or latex derivatives
- PVC or hydroxyvinyl chloride
- DEHP - Diethylhexylphthalate
- BPA - Bisphenol A
- TSE - Transmissible spongiform encephalopathy
- BSE - Bovine spongiform encephalopathy

#### Dimensions

36 x 72 mm (1.4 x 2.8 in.)

#### Inlet/ Outlet Connectors

Standard Connectors: Outer Diameter: 3.42mm (0.135 in.) Inner Diameter: 1.45 mm (0.057 in.)

Microbore Connectors: Outer Diameter: 4.32mm (0.170 in.) Inner Diameter: 2.29 mm (0.090 in.)

Macrobore Connectors: Outer Diameter: 6.1 mm (0.240 in.) Inner Diameter: 3.35 mm (0.132 in.)

#### Biological Safety

Materials of construction have been evaluated in accordance with United States Pharmacopeia (USP) Biological Reactivity Tests, *In Vivo* <88> (USP Class VI-121 °C Plastic tests) and/or relevant sections of the ISO 10993 series of standards.

# IV-5 Filter Performance

## Filter Specifications

### Effective Filtration Area/ EFA

Approx. 10 cm<sup>2</sup>

### Priming volume

Approx. 2.4 mL

### Pyrogenicity

< 0.25 EU/mL using the LAL test method

### Water Bubble Point

0.2 µm: ≥ 3.1 bar (45 psi)

0.8 µm: ≥ 0.7 bar (10 psi)

1.2 µm: ≥ 0.3 bar (5 psi)

5.0 µm: ≥ 0.1 bar (2 psi)

### Retention properties

0.2 µm Supor membrane is retentive of *B.diminuta* and meets requirements for a sterilizing grade filter per modified ASTM F838-15a test methods.

0.2µm (+) Supor filter devices have demonstrated considerable endotoxin-retention characteristics.

1.2 µm Supor membrane is retentive of *C.albicans*.

### Sterilization Compatibility

Ethylene Oxide or Gamma irradiation up to 50 kGy

### Water Flow rate

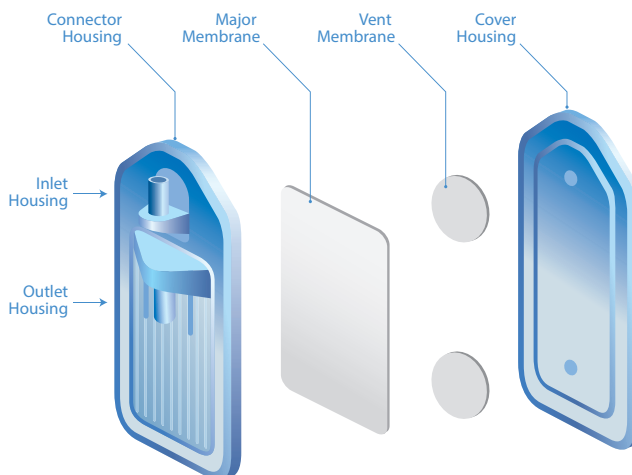
0.2 µm: ≥ 20 mL/min @ 36" head w/ 0.105" tubing

0.8 µm: ≥ 50 mL/min @ 36" head w/ 0.105" tubing

1.2 µm: ≥ 100 mL/min @ 36" head w/ 0.105" tubing

5.0 µm: ≥ 100 mL/min @ 36" head w/ 0.105" tubing

## Pall IV-5 Components



## Ordering Information

Type of Membrane	Pore Size	Housing Colour	Connectors	Packaging	Part Number
Supor	0.2 µm	Clear/Clear	Standard	350/bag 1750/carton	7024400
Supor	0.2 µm	Clear/Clear	Macrobore	350/bag 1750/carton	7024451
Supor	0.2 (+) µm	Clear/Clear	Standard	350/bag 1750/carton	7034400
Supor	0.8 µm	Clear/Clear	Microbore	350/bag 1750/carton	7043301
Supor	1.2 µm	Clear/Blue	Standard	350/bag 1750/carton	7024412
Supor	1.2 µm	Clear/ Clear	Standard	350/bag 1750/carton	7044400
Supor	5.0 µm	Clear/Purple	Standard	350/bag 1750/carton	7024413



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