

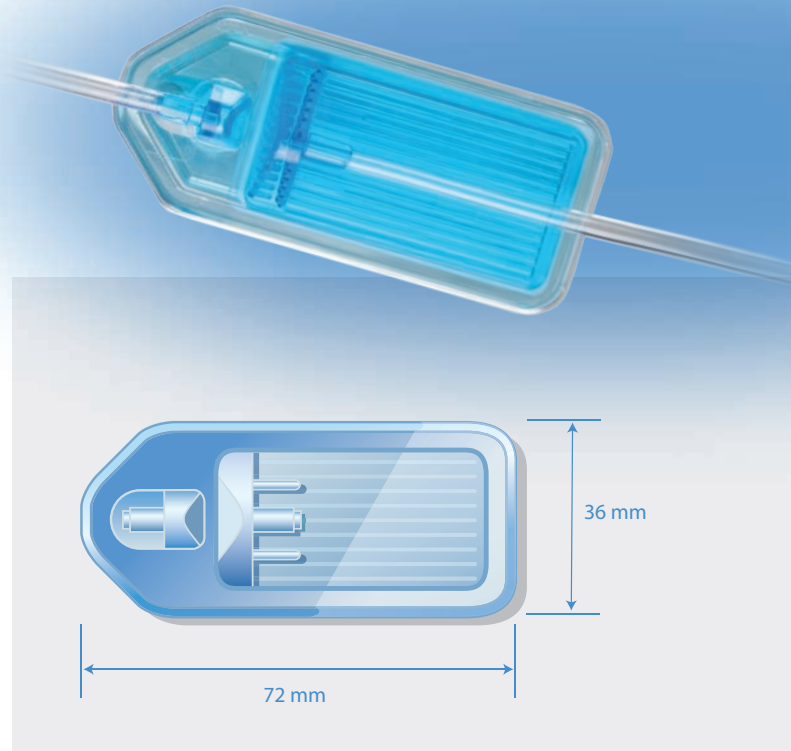
## IV-5 Filter with Supor® Membrane

### 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 (46 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

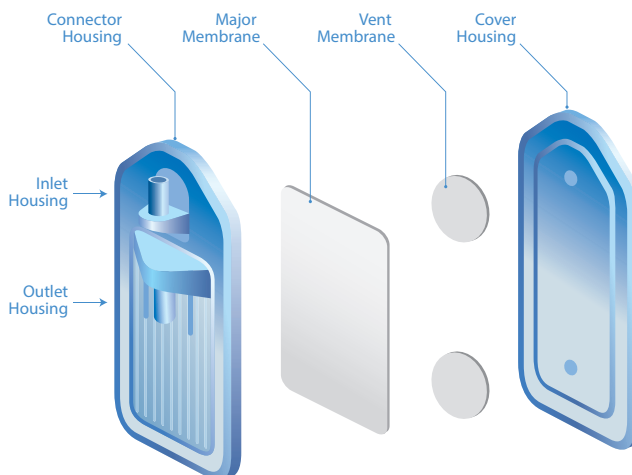
0.2 µm: ≥ 20 mL/min @ 36" head w/ 0.105" tubing

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



### Pall Corporate Headquarters

25 Harbor Park Drive  
Port Washington, NY 11050  
USA

+1 516 484 3600 phone

### Pall European Headquarters

Pall International Sàrl  
Avenue de Tivoli 3  
1700 Fribourg, Switzerland

+41 (0)26 350 53 00 phone

### Pall Asia-Pacific Headquarters

1 Science Park Road, #05-09/15  
East Wing, The Capricorn  
Singapore Science Park II  
Singapore 117528

+65 6389 6500 phone

Visit us on the Web at <https://medical.pall.com/contact>

### International Offices

Pall Corporation has offices and plants throughout the world in locations such as: Argentina, Australia, Austria, Belgium, Brazil, Canada, China, France, Germany, India, Indonesia, Ireland, Italy, Japan, Korea, Malaysia, Mexico, the Netherlands, New Zealand, Norway, Poland, Puerto Rico, Russia, Singapore, South Africa, Spain, Sweden, Switzerland, Taiwan, Thailand, the United Kingdom, the United States and Venezuela. Distributors in all major industrial areas of the world.

The information provided in this literature was reviewed for accuracy at the time of publication. Product data may be subject to change without notice. For current information consult your local Pall distributor or contact Pall directly.

© 2019, Pall Europe. Pall, and Supor are trademarks of Pall Corporation.  
© indicates a registered trademark in the USA. Filtration. Separation. Solution. is a service mark of Pall Corporation.