

## PharmAssure® Pharmacy Filtration Devices

Filtration devices designed for  
the health care pharmacy



### Features

- Broad range of syringe filtration devices for the pharmacy setting
- Color-coded housings to identify pore size and membrane type
- Easy-to-use connection allows safe and secure attachment (syringe filters)
- Latex free

### Benefits

- Filters and venting devices assist in preparation and delivery of pharmaceutical products
- Drug compatibility proven with Supor® membrane<sup>1</sup>
- Prevent the injection of particulate matter into patient including protein aggregates<sup>2</sup>
- Vial venting to protect health care personnel from exposure to harmful drug aerosols

## PharmAssure Syringe Filters with Supor Membrane

### Indications

The Pall PharmAssure Syringe Filters are designed for rapid filtration, high throughputs, low protein binding and broad drug compatibility to assure quality control in drug preparation and intravenous and subcutaneous syringe bolus drug administration.

These products are FDA 510(k) cleared and CE marked under the Medical Devices Directive (93/42/EEC).

### Specifications

#### Usage

Single use

#### Materials of Construction

**Filter Housing:** Acrylic

**Filter Media:** Polyethersulphone (Supor)

#### Maximum Operating Pressure

75 psi (5.2 bar)

#### Maximum Operating Temperature

55 °C

#### Non-pyrogenic fluid pathway

#### Sterilisation

Sterile

### PRECAUTIONS: FOLLOW INSTRUCTIONS FOR USE CAREFULLY

- 25 and 32 mm housing sizes available to accommodate a wide range of volume requirements.
- Supor membrane is inherently hydrophilic and chemically and biologically inert and has been demonstrated to be compatible with multiple drugs.<sup>1</sup>
- Available in 0.2, 0.45, 1.2, and 5 µm pore sizes.
- Easy to use. Double luer-lock design offers safe and secure needle placement.



	HP1002	HP4642	HP4644	HP1012	HP4648	HP1050	HP4640
<b>Housing Diameter</b>	25 mm	32 mm	32 mm	25 mm	32 mm	25 mm	32 mm
<b>Housing Colour (Upper / Lower)</b>	Blue / Blue	Blue / Blue	Red / Clear	Clear / Blue	Clear / Blue	Green / Green	Green / Green
<b>Pore Size</b>	0.2 µm	0.2 µm	0.45 µm	1.2 µm	1.2 µm	5.0 µm	5.0 µm
<b>Bubble Point</b>	≥ 46 psi	≥ 46 psi	≥ 30 psi	≥ 5 psi	≥ 5 psi	≥ 3 psi	≥ 3 psi
<b>Effective Filtration Area</b>	2.8 cm <sup>2</sup>	5.3 cm <sup>2</sup>	5.3 cm <sup>2</sup>	2.8 cm <sup>2</sup>	5.3 cm <sup>2</sup>	2.8 cm <sup>2</sup>	5.3 cm <sup>2</sup>
<b>Recommended Filtration Volume</b>	< 100 mL	< 150 mL	< 150 mL	< 100 mL	< 150 mL	< 100 mL	< 150 mL
<b>Typical Fluid Retention:</b>							
<b>With air purge</b>	< 0.05 mL	< 0.1 mL	< 0.1 mL	< 0.05 mL	< 0.1 mL	< 0.05 mL	< 0.1 mL
<b>Without air purge</b>	< 0.85 mL	< 1.0 mL	< 1.0 mL	< 0.85 mL	< 1.0 mL	< 0.85 mL	< 1.0 mL

## PharmAssure 25 mm Vent Filter (Product Code : HP2002)

### Indications

Designed for sterile venting of vial air during the preparation of injectable drug solutions. A supported 0.2 µm hydrophobic acrylic copolymer membrane protects the user from exposure to potentially toxic aerosols when attached to a needle and inserted through the rubber vial septum.

This product is FDA 510(k) cleared product and CE marked under the Medical Devices Directive (93/42/EEC).

### Performance and Specifications

#### Maximum Operating Pressure

15 psi (1.0 bar)

#### Maximum Operating Temperature

55 °C

#### Pore Size

0.2 µm

#### Housing Color (Upper / Lower)

Clear / Clear

#### Housing diameter

25 mm

#### Effective Filtration area

2.8 cm<sup>2</sup>

#### Connector

ISO female luer inlet, ISO male, luer outlet

#### Non-pyrogenic fluid pathway

#### Sterilisation

Sterile

#### Materials of Construction

**Filter Housing:** Acrylic

**Filter Media:** Acrylic co-polymer – hydrophobic

**Support Media:** Polyamide

### PRECAUTIONS: FOLLOW INSTRUCTIONS FOR USE CAREFULLY

- Double luer-lock design.
- Protective hydrophobic barrier allows only sterile air to pass through.

### Ordering Information

Product Code	Product Description	Quantity (units/case)
<b>PharmAssure Syringe Filters, individually packaged</b>		
HP1002	0.2 µm, Supor membrane, 25 mm, blue / blue	50
HP1012	1.2 µm, Supor membrane, 25 mm, clear / blue	50
HP1050	5 µm, Supor membrane, 25 mm, green / green	50
HP4642	0.2 µm, Supor membrane, 32 mm, blue / blue	50
HP4644	0.45 µm, Supor membrane, 32 mm, clear / red	50
HP4648	1.2 µm, Supor membrane, 32 mm, clear / blue	50
HP4640	5 µm, Supor membrane, 32 mm, green / green	50
<b>PharmAssure Vent Filter, individually packaged</b>		
HP2002	0.2 µm, 25 mm vent filter, clear / clear	50

### References

1. Sevick S.H. (2020). Compatibility of Various Pharmaceutical Agents with Pall Supor Intravenous Filter Devices. Pall Technical Report 210204.1GL
2. Werner B.P. and Winter G. (2018). Expanding Bedside Filtration - A Powerful Tool to Protect Patients From Protein Aggregates. Journal of Pharmaceutical Sciences; 107: 2775-2788



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