

PharmAssure™ 25 mm, 32 mm Syringe Filter with Low Protein Binding Supor™ Membrane

Description

PharmAssure Syringe Filters have a low protein binding polyethersulphone membrane. They are available with a 25 mm and 32 mm housing diameters.

- PharmAssure 25 mm Syringe Filters are available with 0.2 µm, 1.2 µm and 5.0 µm pore sizes.
- PharmAssure 32 mm Syringe Filters are available with 0.2 µm, 0.45 µm, 1.2 µm and 5.0 µm pore sizes.

Configuration

HP1002: 25 mm Syringe filter device with 0.2 µm membrane with female Luer lock inlet port and male Luer lock outlet port (50 units per case)

HP1012: 25 mm Syringe filter device with 1.2 µm membrane with female Luer lock inlet port and male Luer lock outlet port (50 units per case)

HP1050: 25 mm Syringe filter device with 5.0 µm membrane with female Luer lock inlet port and male Luer lock outlet port (50 units per case)

HP4642: 32 mm Syringe filter device with 0.2 µm membrane with female Luer lock inlet port and male Luer lock outlet port (50 units per case)

HP4644: 32 mm Syringe filter device with 0.45 µm membrane with female Luer lock inlet port and male Luer lock outlet port (50 units per case)

HP4648: 32 mm Syringe filter device with 1.2 µm membrane with female Luer lock inlet port and male Luer lock outlet port (50 units per case)

HP4640: 32 mm Syringe filter device with 5.0 µm membrane with female Luer lock inlet port and male Luer lock outlet port (50 units per case)

These products are CE marked under the Medical Device Regulation (EU) 2017/745 and FDA 510k registered.



Indications

They are designed for rapid filtration, high throughput, low protein binding and broad drug compatibility to assure quality control in drug preparation and intravenous and syringe bolus drug administration.

Contraindications

Blood and other cellular products will not pass through the filter and may cause blockage.

These devices should not be used to filter solutions that are known to be pyrogenic or contaminated with microorganisms.

These filters are not designed to eliminate entrained air upstream of the filter which may result in reduced flow.

These are not designed for intrathecal or epidural drug administration.

Precautions

FOLLOW INSTRUCTIONS FOR USE CAREFULLY

Materials of Construction

Refer to the Cytiva website (www.cytiva.com) for the Product Safety Data Information in the PSDI_25mm_32mm_Gardian_Family.

Performance

- 1. Filter Membrane:** The Supor membrane is inherently hydrophilic and chemically and biologically inert with no extractable wetting agents
- 2. Protein Binding/ Drug Compatibility:** The Supor membrane has been tested with over 55 different drugs and demonstrated to have low protein binding and broad drug compatibility
- 3. Maximum Recommended Working Pressure:** 75 psi (5.2 bar)

Packaging

50 Units Per Case

Quality

- All materials in the fluid pathway meet relevant sections of ISO 10993 series of standards
- Male and female Luer connectors conform to ISO 80369-7
- Sterilised in accordance with ISO 11137-1, ISO 11137-2 and ISO 11137-3
- Designed and manufactured using quality systems approved to ISO 9001 and ISO 13485
- Manufacturing Environment: ISO 14644 Class 8

Specifications

	HP1002	HP4642	HP4644	HP1012	HP4648	HP1050	HP4640
Housing Diameter	25 mm	32 mm	32 mm	25 mm	32 mm	25 mm	32 mm
Housing Colour (Upper / Lower)	Blue / Blue	Blue / Blue	Red / Clear	Clear / Blue	Clear / Blue	Green / Green	Green / Green
Membrane Pore Size	0.2 µm	0.2 µm	0.45 µm	1.2 µm	1.2 µm	5.0 µm	5.0 µm
Bubble Point	≥ 46 psi	≥ 46 psi	≥ 30 psi	≥ 5 psi	≥ 5 psi	≥ 3 psi	≥ 3 psi
Effective Filtration Area	2.8 cm ²	5.3 cm ²	5.3 cm ²	2.8 cm ²	5.3 cm ²	2.8 cm ²	5.3 cm ²
Recommended Filtration Volume	< 100 mL	< 150 mL	< 150 mL	< 100 mL	< 150 mL	< 100 mL	< 150 mL
Typical Fluid Retention:							
With air purge	0.1 mL	0.15 mL	0.15 mL	0.1 mL	0.15 mL	0.1 mL	0.15 mL
Without air purge	0.7 mL	1.3 mL	1.3 mL	0.7 mL	1.3 mL	0.7 mL	1.3 mL

Sterility

- Sterile and non-pyrogenic.
- Sterilized by Gamma irradiation
- Endotoxin activity: < 0.25 EU/mL using LAL test

Shelf Life

3 years

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