

MEDICAL

Gardian 100 Filter

Ergonomically designed for high pressure applications



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Product Design and Performance Advantages

- ISO 80369-6 compliant connectors for Neuraxial and major anaesthesia applications or standard luer connectors
- The next generation housing material withstands operating pressures up to 90 psi and exposure to alcohols and other sanitizing agents.
- 100 % retention of *Brevundimonas diminuta* at a concentration of 10^7 cfu/cm² for effective removal of bacteria.
- Choice of yellow or clear rotating hubs for identification on ISO 80369-6 compliant variant.

Customer Qualified Applications

- Intraocular injectables
- Drug Extemperaneous morphine, radiopharmaceutical, allergenic extracts or ophthalmic solutions
- Drug Therapy
- Regional anesthesia
- Neuraxial applications



Product Specifications

Materials of Construction

Filter Membrane: Supor® Polyethersulfone.

Filter Housing: Modified Acrylic

Biological Safety

Materials of construction have been evaluated in accordance with relevant sections of the ISO 10993 series of standards.

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

Filter Specifications

Effective Filtration Area/ EFA

Approx. 5.25 cm²

Priming volume

Approx. 0.9 mL

Pyrogenicity

< 0.25 EU/mL using the LAL test method

Minimum Water Bubble Point

0.2 µm: 46 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.

Sterilization Compatibility

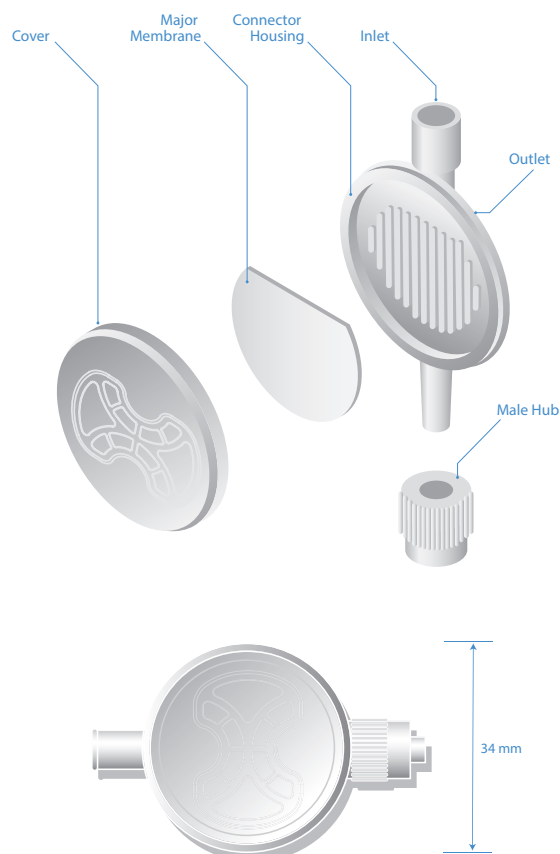
Ethylene Oxide or Gamma irradiation up to 50 kGy

Water Flow rate

0.2 µm: ≥ 200 mL/min @ 45 psi

Maximum operating pressure

≥ 90 psi



Ordering Information

Type of Membrane	Pore Size	Connector	Hub Colour	Housing Colour Inlet/Outlet	Packaging	Part Number
Supor	0.2 µm	Standard	Clear	Clear/Clear	500 / bag 2500 / carton	6004923
Supor	0.2 µm	Neuraxial	Yellow	Clear/Clear	500 / bag 2500 / carton	6004928
Supor	0.2 µm	Neuraxial	Clear	Clear/Clear	500 / bag 2500 / carton	6004929



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