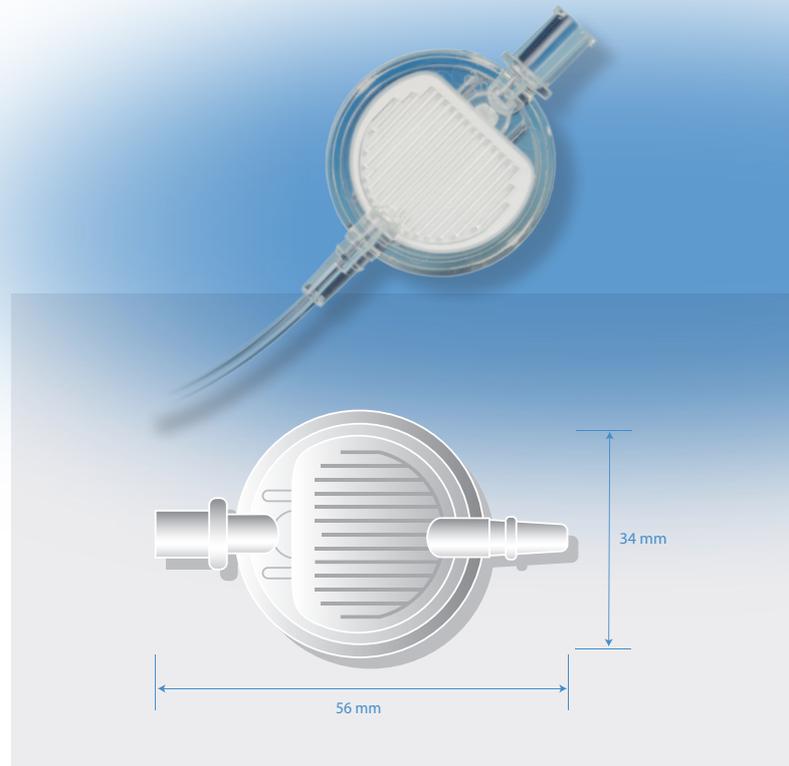


Mid-Volume Air Eliminating Filter

with Supor™ Membrane

Product Design and Performance Advantages

- Small compact construction simplifies priming, reduces internal volume, and provides accurate fluid delivery even at low infusion rates
- Dual vent design allows air elimination in virtually any position
- Low binding Supor membrane reduces potential loss of drug and active ingredients
- Meets relevant requirements of ISO 8536-11
- Choice of pore sizes that enable retention of particles, bacteria, fungi and endotoxins



Product Specifications

Materials of Construction

Filter Media: Supor (polyethersulfone) membrane
 Housing: Modified acrylic
 Vent: Supported PTFE

Pore Size

0.2 µm, 1.2 µm, custom products available

Effective Filtration Area

4.5 cm²

Dimensions

56 x 34 mm
 (2.187 x 1.312 in.)

Priming Volume

0.7 mL

Inlet/Outlet Connections

Female Luer Lock/Male Luer Lock

Maximum Operating Temperature

55 °C (131 °F)

Maximum Operating Pressure

3.1 bar (45 psi)

Minimum Water Bubble Point

0.2 µm: ≥ 3.2 bar (46 psi)
 1.2 µm: ≥ 0.3 bar (5 psi)
 5.0 µm: ≥ 0.1 bar (2 psi)

Minimum Water Flow Rate

0.2 µm: ≥ 10 mL/min at 91 cm (36 in.) head pressure
 1.2 µm: ≥ 72 mL/min at 91 cm (36 in.) head pressure
 5.0 µm: ≥ 100 mL/min at 91 cm (36 in.) head pressure

Pyrogenicity

< 0.25 EU/mL using the LAL test method

Sterilization Compatibility

Ethylene Oxide or Gamma irradiation up to 50 kGy

Bacterial Retention

0.2 µm Supor membrane is retentive of *B. diminuta* per modified ASTM F838-05 test methods. 0.2 µm (+) Supor devices have demonstrated considerable endotoxin retention characteristics. 1.2 µm Supor membrane is retentive of *C. albicans*.

Mid-Volume Air Eliminating Filter Performance

Filter Specifications

Biological Safety

Has been evaluated in accordance with USP Class VI-121 °C plastic tests and/or relevant sections of the ISO 10993 series of standards to ensure biological safety of the materials

Ordering Information

Product No.	Pore Size	Description
6074422	0.2 µm	Supor membrane, clear housing, non-sterile, DLL
6074423	0.2 µm	Supor membrane, clear housing, non-sterile, male slip luer
6104423	1.2 µm	Supor membrane, clear/blue housing, non-sterile, DLL
6214423	5.0 µm	Supor membrane, clear/green
6344423	0.2 (+) µm	Supor membrane, clear housing, non-sterile, DLL



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