

HEPA Capsule

Ensures high efficiency particulate-free air (HEPA)



- ▶ Porous membrane delivers high air flow rates at low differential pressure and extends filter life.
- ▶ Ensures particulate-free air with 99.97% retention of 0.3 µm DOP aerosol.*

Applications

- ▶ Designed to provide bacteria-free air for sterile applications.
- ▶ Can be used for non-sterilizing liquid prefiltration.

Specifications

Materials of Construction

Filter Media: Versapor® membrane (acrylic copolymer on a non-woven support)

Housing: Polypropylene

Filter Support: Polyester

Adapters: Nylon

Membrane Sealing Material: Polyurethane

Housing Sealing Material: Polypropylene-encapsulated stainless steel

Pore Size

Liquid Filtration: 1.2 µm

Air/Gas Filtration: 99.97% retention of 0.3 µm DOP aerosol*

Effective Filtration Area

860 cm²

Dimensions

Housing Length: 19.3 cm (7.6 in.)

Overall Length: 26.9 cm (11 in.)

Diameter: 6.3 cm (2.5 in.)

Inlet/Outlet Connections

3/8 in. FNPT; includes optional hose barb fittings to accept 12.7 mm (1/2 in.) ID tubing

Maximum Operating Temperature

88 °C (190 °F)

Maximum Operating Pressure

3.4 bar (340 kPa, 50 psi)

Biological Safety

Passes United States Pharmacopeia (USP) Biological Reactivity Test, *In Vivo* <88>

*Following ASTM D 2986-95A.

Ordering Information

HEPA Capsule

Part Number	Description	Pkg
12144	HEPA capsule	1/pkg