



Pleated Capsules with Versapor® Membrane

Description

This convenient family of economical, disposable capsules offers easy microfiltration for laboratories and small-volume processors. Pall Life Sciences' pleated capsules combine the efficiency of a membrane disc filter with the large filtration capacity of a pleated surface.

Because all capsule membranes are sealed in the housing, minimum setup time is required. Capsules can be used inlet up, inlet down, or horizontally. For gravity-driven microfiltration, capsules can be placed on a benchtop or connected to plastic tubing. Part number 12106 offers an added feature because it can be used with either threaded connections or with hose barb connections.

NOTE: Pall Life Sciences recommends the use of the supplied Nylon adapters. When connecting metal hose barb adapters, please be careful not to use excessive force because cracking will occur at or near the 3/8 in. FNPT inlet/outlet connections.

Certification

Pall Life Sciences certifies this lot meets or exceeds the following specifications.

Product Number:

Lot Number:

Date:

Leslie A. Harreld, Sr. Director, Quality Assurance

Ordering Information

Part Number	Description	Pkg
12106	Pleated Capsule Filter, sterile, 0.2 µm	1/pkg
12116	Pleated Capsule Filter, Vented, 3 µm	1/pkg
12117	Pleated Capsule Filter, Vented, sterile, 0.2 µm	1/pkg

Specifications

Materials of Construction

Filter Media: Acrylic copolymer on a non-woven support
Housing: Polycarbonate
Filter Support: Polyester
Core: Polypropylene
Sealing Material: Polyurethane

Effective Filtration Area

PN 12106 & 12117: 1350 cm²
PN 12116: 1740 cm²

Dimensions

Housing Length: PN 12106: 18.5 cm (7.3 in.)
PN 12116 & 12117: 17 cm (6.7 in.)
Overall Length: PN 12106: 25.1 cm (9.8 in.)
PN 12116 & 12117: 21.7 cm (8.5 in.)
Diameter: 6.3 cm (2.5 in.)

Inlet/Outlet Connections

PN 12106: 3/8 in. FNPT – Includes optional hose barb adapters to accept 12.7 mm (1/2 in.) ID tubing
PN 12116 & 12117: Hose barb fittings accept 12.7 mm (1/2 in.) ID tubing

Maximum Operating Temperature

88 °C (190 °F) at 2.1 bar (210 kPa, 30 psi)

Maximum Operating Pressure

3.4 bar (340 kPa, 50 psi) at ambient temperature

Typical Water Flow Rate

9.5-11.4 Lpm at 0.3 bar (30 kPa, 5 psi)

Biological Safety

Materials of construction pass USP Biological Reactivity Test, *In Vivo* <88>

Sterilization

Sterilized by gamma irradiation (PN 12116 provided non-sterile)

Applications

Pharmaceutical

Particle removal from distilled or demineralized water.

Electronics

Point-of-use filtration of deionized water; air-to-nitrogen filtration.

Laboratory

Distilled or DI water; diluents, reagents, particle counter solutions; central vacuum source; water supplies, air or gas supplies to glove boxes.

Chemical Compatibility

Chemical compatibility data is listed in the current Pall Life Sciences catalog. For more information, or to request a copy of the current literature, please contact your local Pall Life Sciences office.

Complementary Products

Capsules with Versapor Membrane

Part Number	Description	Pkg
12123	Mini Capsule, 0.8/0.45 µm, 500 cm ² EFA, sterile	1/pkg
12168	Serum Capsule, GF/1.2 µm, 500 cm ² EFA, non-sterile	1/pkg
12131	Versaflow™ Capsule, 0.8/0.45 µm, 1390 cm ² EFA, sterile	1/pkg

Capsules with HT Tuffryn® Membrane

Part Number	Description	Pkg
12158	Micro Culture Capsule with Filling Bell, 0.2/0.2 µm, 300 cm ² EFA, sterile	1/pkg
12122	Mini Capsule, 0.45/0.2 µm, 500 cm ² EFA, sterile	1/pkg
12140	Culture Capsule, 0.2/0.2 µm, 500 cm ² EFA, sterile	1/pkg
12170	Culture Capsule with Filling Bell, 0.2/0.2 µm, 500 cm ² EFA, sterile	1/pkg
12141	Maxi Culture Capsule, 0.2/0.2 µm, 1290 cm ² EFA, sterile	1/pkg
12112	Maxi Capsule, 0.2/0.2 µm, 1290 cm ² EFA, sterile	1/pkg

WARNING

Employment of the products in applications not specified, or failure to follow all instructions contained in this product information insert, may result in improper functioning of the product, personal injury, or damage to property or the product. See Statement of Warranty in our most recent catalog.

ATTENTION

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ACHTUNG

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ADVERTENCIA

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