

DOMINIQUE DUTSCHER SAS

Whatman™ Polycap TC capsule

Whatman™ Polycap TC capsule filters contain a hydrophilic, high flow rate polyethersulfone (PES) membrane for a wide range of aqueous filtration techniques in life science and pharmaceutical applications.

Overview

Whatman™ Polycap TC capsule filters contain a hydrophilic, high flow rate polyethersulfone (PES) membrane for a wide range of aqueous filtration techniques in life science and pharmaceutical applications.

- Dual layer polyethersulfone (PES) membranes that are Inherently hydrophilic with low extractables and high flow rates.
- Biosafe, and remove fine particles, bacteria and fungi.
- Low protein-binding minimizes non-specific protein binding.
- PES membranes protein adsorption characteristics: HAS 0.4 µg/cm²; Insulin 2.0 µg/cm²; gammaglobulin 1.5 µg/cm².
- 100% integrity-tested during manufacturing.
- Manufactured according to ISO9001:2008 QMS standards.

Whatman™ Polycap TC PES capsule filters are encapsulated in a thermally fused polypropylene housing to eliminate surfactants and mold-releasing agents that could affect analysis.

Product specifications

Whatman™ Polycap TC 36 capsule filter, sterile, 0.2/0.1 µm, SB inlet and outlet (1/Pk)

Catalog code	6714-3601
Effective filtration area	550 cm²
Filter media	Polytetrafluoroethylene (PTFE)
Housing material	Polypropylene (PP)
Inlet/outlet connections	Stepped hose barb 6-10 mm (1/4 -3/8 in.)
Pore size	0.2/0.1 µm
Operating pressure max.	4.1 bar (60 psi)
Pack size	1/Pk
Endotoxin level	LAL tested, ≤0.5 EU/ml
Flow direction	If there is a prefilter, it is located on the inlet side and flow should follow arrows.
Sealing technology	Heat-fused
Sterility	Sterile
Support system	Polypropylene (PP)

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