

DOMINIQUE DUTSCHER SAS

Whatman™ Polycap AS (aqueous solution) capsule filters

Capsule filters that combine a glass microfiber prefilter over a nylon membrane, specifically designed for high-volume filtration of aqueous sample solutions.

Overview

Whatman™ Polycap AS (aqueous solutions) capsule filters from Cytiva combine a glass microfiber (GMF) prefilter over a nylon membrane final filter to provide maximum filtration of difficult, particulate-laden solutions.

- First layer (GMF) acts as a prefilter to ensure longer membrane (0.2, 0.45, and 1.0 µm) life and higher filtration efficiency.
- Nylon membrane filter layer is inherently hydrophilic, has low extractables, is biosafe, and has excellent flow rates
- Polypropylene housing is thermally fused (no glues, adhesives, or extraneous materials), reducing extractable levels
- Can be tested with bubble point, pressure decay, or forward flow methods
- Available in presterilized and nonsterile (autoclavable) versions
- Manufactured according to ISO9001:2008 QMS standards

Polycap AS for aqueous solutions

Polycap AS are Whatman™ capsule filters specifically designed for high-volume filtration of aqueous sample solutions in a compact size. With a nylon membrane filter and GMF prefilter, these filters have a long usable life.

Product specifications
Whatman™ Polycap AS, 36 capsule filter, sterile, 0.45 µm, SB inlet and outlet (1/Pk)

Catalog code	6705-3604
Effective filtration area	340 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	0.45 µm
Operating pressure max.	4.1 bar (60 psi)
Pack size	1/Pk
Endotoxin level	LAL tested, ≤0.5 EU/ml
Prefilter material	Glass microfiber double lamited with polyolefin monofilament non-woven
Sealing technology	Heat-fused
Sterility	Sterile
Support system	Polypropylene (PP)

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