

Whatman™ Polycap HD capsule filters

Provide high filtration efficiency in the pre-filtration range between gross filters and micro-porous membrane filtration.

Overview

Whatman™ Polycap HD capsule filters are heavy duty polypropylene filters, commonly used in processing applications for general sample preparation; fine filtration; and refiltration for reverse osmosis, ultrafiltration and microfiltration membranes.

- 100% polypropylene filter media, support system, and housing allows usage with a broad range of solutions, pH, and temperature.
- High flow and high retention capacity.
- Materials of construction are FDA approved for food contact.
- Autoclavable, 121ºC at 15 psi for 20 min.
- Manual vent with luer lock to bleed air from upstream or serve to as an injection or sample port.

Heavy duty polypropylene filter capsule for chemical processing

Whatman™ Polycap HD capsule filters are used in processing applications to filter buffers, solvents, reagents and emulsions across a wide range of industries including clean air and gas equipment, cosmetics and personal care, food and beverage, inks and pigments, pharmaceuticals, photography, semiconductors and magnetic media.

Chemical processing applications often require a capsule filter to ensure a finishing step that yields a high purity final product. Different solution temperatures and pH values can complicate filtration. Whatman™ Polycap HD capsule filters are manufactured with polypropylene filter media, support system and housing allow use with a broad range of solutions, pH, and temperatures. Sturdy construction enables high flow rate and high retention capacity for excellent filtrate purity.

Product specifications
Whatman™ Polycap HD 75 capsule filter, 5 µm, ½ SB inlet and outlet (1/Pk)

Catalog code	6703-7550
Effective filtration area	730 cm²
Filter media	Polypropylene (PP)
Housing material	Polypropylene (PP)
Inlet/outlet connections	1/2 in. SB inlet and outlet
Pore size	5.0 µm
Operating pressure max.	4.1 bar (60 psi)
Pack size	1/Pk

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Biological safety	Materials pass USP Class VI
Sterility	Capsules autoclavable at 121°C for 20 minutes.
Support system	Polypropylene (PP)

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