

Whatman™ Disposable Capsule Filters

PTFE, polypropylene (PP), or sterile nylon membranes available

PTFE membrane is ideal for venting, in-line filtration, and isolation (gas pass, liquids, and aerosol stopped). Use PP membrane for solvents, clean air/gas, prefiltration, and sample preparation. Nylon membranes are hydrophilic and low in extractables; they include a prefilter to prolong the life of the membrane.

Use nylon capsule filters for filtering aqueous solutions. All capsules feature sturdy PP housings with fused seals—no glues or adhesives to contaminate filtrate.

Capsules include a luer lock vent to guarantee that no filtration area is wasted. Use vent to draw solution into the capsule or let air escape from the capsule or sample port.



Pore size	Effective filter area	Sterile	Hose connections	Catalog number	Price
PTFE membrane—autoclavable					
0.2 µm	500 cm ²	No	¼" to ⅜" stepped barb	GH-29700-00	
1.0 µm		No		GH-29700-02	
0.1 µm	1000 cm ²	No	¼" to ⅜" stepped barb	GH-29700-10	
0.2 µm		No		GH-29700-12	
0.45 µm		No		GH-29700-14	
1.0 µm	1000 cm ²	No	½" stepped barb	GH-29700-16	
Polypropylene membrane—autoclavable					
1.0 µm	385 cm ²	No	¼" to ⅜" stepped barb	GH-29700-20	
5.0 µm		No		GH-29700-22	
1.0 µm	805 cm ²	No	½" stepped barb	GH-29700-30	
5.0 µm		No		GH-29700-32	
10.0 µm	400 cm ²	No	¼" to ⅜" stepped barb	GH-29701-40	
Nylon membrane					
0.2 µm	400 cm ²	Yes	¼" to ⅜" stepped barb	GH-29700-40	
1.0 µm		Yes		GH-29700-42	
0.2 µm	820 cm ²	Yes	¼" to ⅜" stepped barb	GH-29700-50	
0.45 µm		Yes		GH-29700-52	
1.0 µm		Yes		GH-29700-54	

Whatman™ Vacu-Guard™ Filter

Extend the life of your vacuum pump

Use this filter to prolong the life of your vacuum pump and reduce pump maintenance problems. Encapsulated in a polypropylene (PP) housing, the fully hydrophobic PTFE membrane prevents liquid and aerosol contamination of your pump. A retention rate of at least 99.97% reduces risk of cross contamination from particulate matter.



Specifications

Hose connection: stepped hose barb for ¼" to ⅜" ID tubing
Max pressure: 14 psi (0.96 bar)
Max flow: 65 sLpm @ 14 psi
Housing diameter: 50 mm

Membrane			Catalog number	Qty/pk	Price/pk
Material	Pore size	Diameter			
PTFE	0.1 µm	45 mm	GH-29701-00	10	



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Whatman™ Polycap™ TC Filter Capsules

Presterilized polyethersulfone (PES) membrane

These capsules contain two layers of polyethersulfone (PES) membrane, which is inherently hydrophilic, low in extractables, and offers excellent flow rates. The membrane also exhibits low protein binding characteristics making it ideal for use with biologically sensitive solutions. The device is supplied presterilized and has a vent to evacuate any air to allow fast filtration. The outlet of the capsule is protected to prevent touch contamination during setup and has standard hose barb connections. Select capsules with filling bell for cleanliness assurance during filling.

STERILE

Pore size	Filtration area	Filling bell	Connections	Sterile	Catalog number	Price/ea
0.2 µm	550 cm ²	No	¼" to ⅜" stepped barb	Yes	GH-29701-44	
0.65/0.45 µm					GH-29701-46	
0.2 µm	550 cm ²	Yes	¼" to ⅜" stepped barb	Yes	GH-29701-48	
0.8/0.2 µm	380 cm ²				GH-29701-50	
0.65/0.45 µm	550 cm ²				GH-29701-52	
0.2 µm	1100 cm ²	No	¼" to ⅜" stepped barb	Yes	GH-29701-54	
0.2 µm	1100 cm ²	Yes	¼" to ⅜" stepped barb	Yes	GH-29701-58	
0.8/0.2 µm	760 cm ²				GH-29701-60	
0.2 µm	2200 cm ²	No	⅜" to ½" stepped barb	Yes	GH-29701-64	
0.65/0.45 µm					GH-29701-66	
0.2 µm	2200 cm ²	Yes	⅜" to ½" stepped barb inlet, ¼" to ⅜" stepped barb outlet	Yes	GH-29701-68	
0.8/0.2 µm	1140 cm ²				GH-29701-70	

