

Final Filters

The final stage of purification before pure water dispensation



A laboratory water system is a multi-barrier approach of purification to ensure water quality all the way through the point of use, in which a final filter works as the last line of defense of water quality for stringent application requirements. RephiLe offers different final filters for efficient removal of endotoxin, RNases, DNases, bacteria, or particles from water. They are easy to install and simple to use, providing reliable protection at the last possible seconds before pure water consumption. Every final filter comes with a protective end-bell to prevent retrograde contamination.

*The last but not the least,
adding confidence in your pure water quality*



0.2 µm PES High Flux Capsule Filters

Point-of-use purifiers to provide particle-free ultrapure (Type I) water



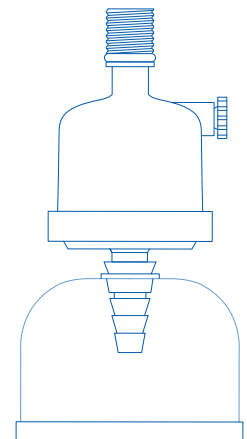
The 0.2 µm PES High Flux Capsule Filter is a disposable and ready-to-use filter capsule for generating particle and bacterial free ultrapure water, suitable for analyses by HPLC, GC, IC, AAS, UV-Vis, and other instrumental analysis. It utilizes a 0.2 µm asymmetric hydrophilic Polyethersulfone membrane and a polypropylene housing, allowing for a fast flow rate and low extractable release. The recommended service life of each filter is 6 months after installation for optimum performance.

Key features

- Efficient removal of particulates and bacteria
- Excellent flow rates with hydrophilic and asymmetric PES membrane
- Easy installation and replacement
- With a protective end-ball and a cover
- Integrity tested
- Individually tested with a Certified of Quality
- Lifetime data traceability (for NuZar, Genie and Super-Genie systems)
- Individually packaged, 1 pc/pack
- Production in compliance with ISO9001:2015 and ISO14001:2015

Specifications

Materials	
Membrane	PES (Polyethersulfone)
Support Layer	PP (Polypropylene)
Housing	PP (Polypropylene)
General Specifications	
Pore size	0.2 µm
Maximum Operating Temperature	50 °C
Maximum Operating Pressure	0.39 MPa (3.9 bar) @20 °C
Integrity Test (Bubble Point)	BP ≥ 0.12 MPa (60:40 (V/V) IPA: Water)
Typical Specifications	
Particles	No Particles with size > 0.22 µm
Bacteria	< 0.01 cfu/mL
Dimension	
Inlet	1/4 NPT
Overall Length	117.0 mm
O.D.	62.5 mm



RephiBio Filters

Point-of-use filters for pyrogen, nuclease and bacteria free water

A RephiBio Filter is a disposable final filter for ultrapure water in biological applications. With the utilization of positively charged hydrophilic Nylon-66 membrane, it brings outstanding performance of endotoxin control in the final water purification step. Providing a convenient access to pyrogen-, nuclease-, protease- and bacteria-free water, the RephiBio Filter is suitable for use with cell culture, molecular biology, DNA sequencing, PCR, and other biochemistry applications that require biologically active impurities free ultrapure water. It is strongly recommended to exchange the filter every 3 months for optimum performance.



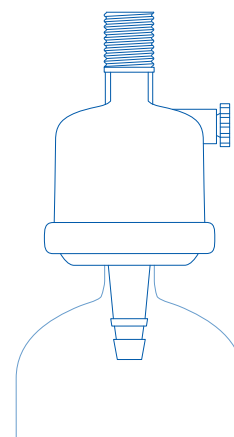
Key features

- Effective and efficient removal of pyrogen, RNases, DNases and bacteria
- No need for DEPC treatment of water during any application. Time and cost saving, minimized risks
- Ease of maintenance -easily fitted and replaced
- With a protective end-ball
- Integrity tested
- Individually tested with a Certified of Quality
- Lifetime data traceability (for NuZar, Genie and Super-Genie systems)
- Individually packaged, 1 pc/pack
- Production in compliance with ISO9001:2015 and ISO14001:2015

Specifications

Materials	
Membrane	Positively charged Nylon-66, double layer
Housing	PP (Polypropylene)
General Specifications	
Pore size	0.2 μm
Maximum Operating Temperature	80 $^{\circ}\text{C}$
Maximum Operating Pressure	0.40 MPa (4 bar) @30 $^{\circ}\text{C}$
Maximum Flow Rate	2 L/min
Typical Specifications	
Pyrogen	< 0.001 Eu/mL
RNase	< 0.5 pg/mL (Lower than DL*)
DNase	< 10 pg/mL (Lower than DL*)
Bacteria	< 0.01 cfu/mL
Dimension	
Inlet	1/4 NPT
Overall Length	112.0 mm
O.D.	54.0 mm

*DL: Detection Limit





Ordering Information

Description	Package	Cat. No.	Suitable for
0.2 µm PES High Flux Capsule Filter	1 pc/pack (With RFID tag)	RAFFC7250	Genie / Super-Genie / NuZar
0.2 µm PES High Flux Capsule Filter	1 pc/pack	RAFFC0250	Direct-Pure
RephiBio Filter	1 pc/pack (With RFID tag)	RAFFB7201	Genie / Super-Genie / NuZar
RephiBio Filter	1 pc/pack	RAFFB0201	Direct-Pure

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