



LAB FILTRATION PRODUCTS



Count on RephiLe to filter out your concerns!

RephiQuik Syringe Filters – Sterile and Non-sterile

Reliable Manufacturing Process

These filters are manufactured in a controlled environment and employ best performing name-brand membranes and housing materials to ensure reliable and consistent performance.

Fast and High Quality Results

Unique designs bring larger effective filtration area and reduced hold-up volume, which result in faster filtration speeds and higher recovery of samples.

Higher Operating Pressure

The patented housing sealing and overmolding technology improve burst pressure and eliminates leaks. It is easier and more efficient to filter your sample solutions.

Low Extractables & Broad Chemical Compatibility

High quality polypropylene housing materials and membranes used in filters are low in extractables that can interfere with your analysis work.

Color-coded

The color band on the housing clearly indicates the membrane type inside the filter thus to ensure a convenient selection in each laboratory task.



RephiQuik 32 mm Sterile Syringe Filters

RephiQuik disposable 32 mm sterile syringe filters are mainly used in the filtration of tissue culture media/additives, sterilizing buffers, sterilizing biological solutions or for other life science sample preparation applications. Two membranes are available for 32 mm sterile syringe filters: polyethersulfone (PES) and polyvinylidene difluoride (PVDF), from which you can select one device with the speed, low binding and recovery you need. The filters are EO sterilized and individually packaged in a standard 100-unit pack.



Variety of Membrane Choices with Color Code

- **PES** membrane features a faster flow rate and higher throughput
- **PVDF** membrane features a fast flow rate with prominent low protein and preservative binding

RephiQuik 32mm Sterile Filter Specifications

Dimensions	Diameter	32 mm
	Effective Filtration Area	4.4 cm ²
	Length, Inlet to outlet	26 mm
Housing Material	Polypropylene (PP)	
Membrane Materials	PES (green), PVDF (yellow)	
Fittings	Inlet: Female Luer-Lok Outlet: Male Luer slip	
Maximum Process Volume	Filters with PVDF membrane: 100 mL Filters with PES membrane: 200 mL	
Hold-up Volume	≤ 80 µL (after air purge)	
Maximum Operating Pressure	10 bar (145 psi)	
Maximum Operating Temperature	45 °C	
Sterilization Method	EO (Ethylene oxide)	

Ordering Information

Membrane Type	Out-ring Color	Units/Pk	Diameter (mm)	Pore Size (µm)	Catalogue No.
PES	Green	100	32	0.22	RJP3222SH
				0.45	RJP3245SH
PVDF	Yellow	100	32	0.22	RJV3222SH
				0.45	RJV3245SH

RephiQuik Non-sterile Syringe Filters

RephiQuik non-sterile syringe filter is a fast and efficient tool for analytical sample preparation. As a result of high quality polypropylene (PP) housing and low extractable membranes, the filters deliver broad chemical compatibility and excellent performance consistency. The non-sterile filters are available in 13 mm & 32 mm diameters and 4 types of membranes for various application needs, such as HPLC/GC sample preparation or many other applications in pharmaceutical, environmental, biological, food, beverage and agricultural fields.

RephiQuik Non-sterile Filters Specifications

Dimensions	Diameters	13 mm	32 mm
	Effective Filtration Area	0.80 cm ²	4.4 cm ²
	Length, Inlet to outlet	21 mm	26 mm
Housing Materials	Polypropylene(PP)		
Membrane Materials	Hydrophobic PTFE (blue), Nylon (purple), PES (green), Hydrophilic PVDF (yellow)		
Inlet Fittings	Female Luer-Lok		
Outlet Fittings	Male Luer slip		
Process Volume	1-10 mL	10-100 mL	
Hold-up Volume (after air purge)	≤ 15 µL	≤ 80 µL	
Maximum Operating Pressure	10 bar (145 psi)	10 bar (145 psi)	
Maximum Operating Temperature	45 °C		



Order Information

Membrane Type	Out ring Color	Hydrophobicity	Diameter (mm)	Pore Size (µm)	Units/Pk	Catalogue No.
PTFE	Blue	Hydrophobic	13	0.22	100	RJF1322NH
					1000	RJF1322NK
				0.45	100	RJF1345NH
			32	0.22	1000	RJF1345NK
					100	RJF3222NH
				0.45	100	RJF3222NK
32	0.22	1000	RJF3222NH			
		100	RJF3222NK			
	0.45	100	RJF3245NH			
32	0.22	1000	RJF3245NK			
		100	RJF3245NK			
	0.45	1000	RJF3245NK			
Nylon	Purple	Hydrophilic	13	0.22	100	RJN1322NH
					1000	RJN1322NK
				0.45	100	RJN1345NH
			32	0.22	1000	RJN1345NK
					100	RJN3222NH
				0.45	100	RJN3222NK
32	0.22	1000	RJN3222NK			
		100	RJN3245NH			
	0.45	1000	RJN3245NK			
PES	Green	Hydrophilic	13	0.22	100	RJP1322NH
					1000	RJP1322NK
				0.45	100	RJP1345NH
			32	0.22	1000	RJP1345NK
					100	RJP3222NH
				0.45	100	RJP3222NK
32	0.22	1000	RJP3222NK			
		100	RJP3245NH			
	0.45	1000	RJP3245NK			
PVDF	Yellow	Hydrophilic	13	0.22	100	RJV1322NH
					1000	RJV1322NK
				0.45	100	RJV1345NH
			32	0.22	1000	RJV1345NK
					100	RJV3222NH
				0.45	1000	RJV3222NK
32	0.22	100	RJV3222NK			
		100	RJV3245NH			
	0.45	1000	RJV3245NK			

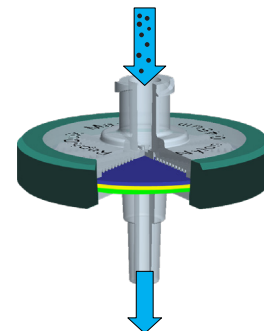


RephiQuik Max 32 mm Multi-layer Syringe Filters

RephiQuik Max 32 mm multi-layer non-sterile disposable syringe filters are an excellent choice for filtering hard-to-filter samples, with decreased hand force and increased volume throughput. Compared with single-layer conventional filters, two-to-five times more sample volume can be processed easily and efficiently in less time with a RephiQuik Max multi-layer filter. The RephiQuik Max is designed for quick, efficient filtration of difficult or viscous solutions in order to enhance users' laboratory efficiency, loading capacity up to 100 ml dependable on the sample characteristic.

Specifications

Dimensions	Diameter	32 mm
	Effective Filtration Area	4.4 cm ²
	Length, Inlet to outlet	26 mm
Housing Material	Polypropylene (PP)	
Membrane Materials	Hydrophilic Nylon (purple), PES (green), Hydrophobic PTFE (blue)	
Pore size of Membrane	0.22 µm or 0.45 µm	
Inlet Fittings	Female Luer-Lok	
Outlet Fittings	Male Luer slip	
Process Volume	10 - 100 mL	
Hold-up Volume(after air purge)	< 250 µL	
Maximum Operating Pressure	10 bar (145 psi)	
Maximum Operating Temperature	45°C	



RephiQuik Max filters contain 3 filtration layers, which reduce blockage and increase volume throughput.

Ordering Information

Membrane Type	Out-ring Color	Hydrophobicity	Units/Pk	Pore Size (µm)	Catalogue No.
PTFE	Blue	Hydrophobic	100	0.22	RJF3P22NH
				0.45	RJF3P45NH
Nylon	Pink	Hydrophilic	100	0.22	RJN3P22NH
				0.45	RJN3P45NH
PES	Green	Hydrophilic	100	0.22	RJP3P22NH
				0.45	RJP3P45NH

Applications

- General filtration of hard-to-filter or viscous samples
- HPLC aqueous sample preparation
- Dissolution testing
- Buffer solutions
- Concentration analysis
- Environmental samples
- Food and beverage
- Biological sample preparation
- Tissue culture media
- Pharmaceutical

RephiQuik 50 mm PTFE Filters

RephiQuik 50 mm PTFE filter is a ready-to-connect filtration unit used in sterilization of fermentor air and the filtration of incubator gas to prevent culture media contamination, as well as sterilization or filtration of an organic solution. It can also be used between a pump and a receiving vessel to protect valves and pump components from damage by aqueous solutions.

Features

- Polypropylene housing and a supported hydrophobic porous PTFE membrane
- Allowing air and gases to pass through freely while blocking aqueous solutions and aerosol contaminants
- Light-weight design fits neatly onto laboratory gas and vacuum lines
- Autoclavable
- 2 package sizes available for supply

Specifications

Diameter		50 mm
Materials of Construction	Housing	Polypropylene (PP)
	Filter Media	PTFE
Inlet/Outlet Connections		1/4 " Single Hose Barb
Pore Size		0.22 µm

Ordering Information

Membrane Type	Diameter (mm)	Pore Size (µm)	Units /Pk	Catalogue No.
PTFE	50	0.22	10	RJF502210
			50	RJF502250



RephiDisc Membrane Filters

RephiDisc membrane filters are available in a variety of materials such as MCE, Nylon, PTFE, PES and PVDF. The selected membranes are low in extractables that you don't have to worry about the secondary contamination from the membrane itself for your application.

All RephiDisc membranes filters are autoclavable.



Membrane	Pore Size	Diameter (mm)	Units/Pk	Catalogue No.	Pore Size	Diameter (mm)	Units/Pk	Catalogue No.
MCE Hydrophilic	0.22 µm	25	500	RCM2522H5	0.45 µm	25	500	RCM2545H5
		47	100	RCM4722NH		47	100	RCM4745NH
		50	100	RCM5022NH		50	100	RCM5045NH
Nylon Hydrophilic	0.22 µm	25	500	RCN2522H5	0.45 µm	25	500	RCN2545H5
		47	100	RCN4722NH		47	100	RCN4745NH
		50	100	RCN5022NH		50	100	RCN5045NH
PTFE Hydrophobic	0.22 µm	25	500	RCF2522H5	0.45 µm	25	500	RCF2545H5
		47	100	RCF4722NH		47	100	RCF4745NH
		50	100	RCF5022NH		50	100	RCF5045NH
PES Hydrophilic	0.22 µm	25	500	RCP2522H5	0.45 µm	25	500	RCP2545H5
		47	100	RCP4722NH		47	100	RCP4745NH
		50	100	RCP5022NH		50	100	RCP5045NH
PVDF Hydrophilic	0.22 µm	25	500	RCV2522H5	0.45 µm	25	500	RCV2545H5
		47	100	RCV4722NH		47	100	RCV4745NH
		50	100	RCV5022NH		50	100	RCV5045NH

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