

Sterile Millex[®] syringe filters you can trust.



Research Applications

Tissue culture media and additives / Buffers / DMSO / Biological solutions

Medical Applications

Drugs / Vitamins / Clinical solutions

Membrane	Pore size (µm)	Diameter (mm)	Process Volume (hold-up)	Housing and Sterilization method	CE	M	50 units/pk	100 units/pk	250 units/pk	1000 units/pk
PVDF Durapore[®] Membrane Lowest binding membrane for protein rich solutions	0.1 µm Sterile filtration & Mycoplasma removal	33 mm	100 mL (< 100 µL)	Modified Acrylic, RS	✓		SLV033RS			
		33 mm	100 mL (< 100 µL)	Modified Acrylic, RS		✓	SLVM33RS			
	0.22 µm Sterile filtration	33 mm	100 mL (< 100 µL)	Modified Acrylic, RS	✓		SLGV033RS		SLGV033RB	SLGV033RK
		13 mm	10 mL (< 25 µL)	HDPE, EO	✓				SLGV013SL	
		4 mm	1 mL (< 10 µL)	HDPE, EO					SLGV004SL	
	0.45 µm Clarification of sterile solutions	33 mm	100 mL (< 100 µL)	Modified Acrylic, RS	✓		SLHV033RS		SLHV033RB	SLHV033RK
		13 mm	10 mL (< 25 µL)	HDPE, EO	✓				SLHV013SL	
		4 mm	1 mL (< 10 µL)	HDPE, EO					SLHV004SL	
	5.0 µm Clarification of sterile solutions		25 mm	100 mL (< 100 µL)	PVC, EO					SLSV025LS
	PES Millipore Express[®] PLUS Fast flow and low binding for cell culture media preparation	0.22 µm Sterile filtration	33 mm	200 mL (< 100 µL)	Modified Acrylic, RS	✓		SLGP033RS		SLGP033RB
25 mm			100 mL (< 100 µL)	PVC, EO	✓		SLGPM33RS			
0.45 µm Clarification of sterile solutions					✓		SLMPL25SS*			
					✓		SLMP025SS			
MCE MF-Millipore[™] Most referenced general purpose membrane	0.22 µm Sterile filtration	33 mm	100 mL (< 100 µL)	Modified Acrylic, RS	✓		SLGS033SS		SLGS033SB*	
		25 mm	100 mL (< 100 µL)	PVC, EO			SLGSM33SS			
	0.45 µm Clarification of sterile solutions				✓		SLGSV255F SLGL0250S*			
					✓		SLHA033SS		SLHA033SB	
	0.80 µm Clarification of sterile solutions				✓		SLHAM33SS			
					✓		SLAA033SS		SLAA033SB	
PTFE Hydrophilic Broad chemical compatibility	0.2 µm Sterile filtration of DMSO	13 mm	10 mL (< 25 µL)	HDPE, EO						SLLG013SL
		25 mm	100 mL (< 100 µL)	HDPE, EO						SLLG025SS

CE = CE Marked M = Medical device *Male Luer-Lok™ outlet
HDPE = High-density polyethylene, PVC = Polyvinyl chloride, RS = Radiosterilized, EO = Ethylene Oxide

Venting and Gas Filtration

Sterile filtering gases / Venting sterile containers / In-line vacuum pump protection / Transducer protection

	Pore size (µm)	Diameter (mm)	Housing and Sterilization method	Inlet connection	Outlet connection	10 units/pk	25 units/pk	50 units/pk	100 units/pk	
PVDF Durapel[™] Membrane Super hydrophobic membrane for Transducer protection	0.22 µm	25 mm	PVC, EO	FLL	MLS			SLGVS25PS SE2M407H0**		
					MLL			SLGVS25US SLGVS25XS		
					Spike			SLGVS25LS		
PTFE Fluoropore[™] Membrane Hydrophobic chemistry for gas filtration	0.20 µm	25 mm	PVC, EO	FLL	MLS			SLFG025LS		
					MLL			SLFGL25BS		
					Needle			SLFGN25VS		
								SLFG02550		
	0.20 µm	50 mm	PP, Autoclavable	FLL	SHB		SLFG05010			
						1/8 in. NPTM	SLFG55010			
					SHB (latex)	1/8 in. NPTM	SLFG65010		SLFG65000	
					1/8 in. NPTM	1/8 in. NPTM	SLFG75010		SLFG75000	
0.45 µm	50 mm	PP, Autoclavable	SHB	SHB (silicone)	SHB (silicone)	SLFG85010			SLFG85000	
				SHB	SHB	SLFH05010		SLFH05000		
1.0 µm	50 mm	PP, Autoclavable	SHB	SHB	SLFA05010			SLFA05000		

**Solvent resistant housing
PVC = Polyvinyl Chloride, PP = Polypropylene, EO = Ethylene Oxide
FLL = Female Luer-Lok™ outlet, FLS = Female Luer slip, MLL = Male Luer-Lok™ outlet, MLS = Male Luer slip, SHB = Stepped Hose Barb

To learn more, please visit: www.millipore.com/millex
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 For technical assistance, contact EMD Millipore: 1-800-645-5476 www.emdmillipore.com/techservice



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Non-sterile Millex[®] syringe filters you can trust.



Chromatography

HPLC, IC, GC / General particle removal / Industrial / Environmental

Membrane	Diameter (mm)	Pore Size (µm)	Process Volume (hold-up)	50 units/pk	100 units/pk	250 units/pk	1000 units/pk
PES Millipore Express[®] Membrane Fastest flow, high throughput	13	0.22	10 mL (≤ 15 µL)		SLGPX13NL		SLGPX13NK
		0.45	10 mL (≤ 15 µL)		SLHPX13NL		SLHPX13NK
	33	0.22	100 mL (≤ 80 µL)	SLGP033NS		SLGP033NB	SLGP033NK
		0.45	100 mL (≤ 80 µL)	SLHP033NS		SLHP033NB	SLHP033NK
PVDF Durapore[®] Membrane Low-protein binding	4	0.22	1 mL (< 10 µL)		SLGVR04NL		SLGVR04NK
		0.45	1 mL (< 10 µL)		SLHVR04NL		SLHVR04NK
	13	0.22	10 mL (≤ 15 µL)		SLGVX13NL		SLGVX13NK
		0.45	10 mL (≤ 15 µL)		SLHVX13NL		SLHVX13NK
	33	0.22	100 mL (≤ 80 µL)	SLGV033NS		SLGV033NB	SLGV033NK
		0.45	100 mL (≤ 80 µL)	SLHV033NS		SLHV033NB	SLHV033NK
Nylon Membrane Broad chemical compatibility	13	0.20	10 mL (≤ 15 µL)		SLGNX13NL		SLGNX13NK
		0.45	10 mL (≤ 15 µL)		SLHNX13NL		SLHNX13NK
	33	0.20	100 mL (≤ 80 µL)	SLGN033NS		SLGN033NB	SLGN033NK
		0.45	100 mL (≤ 80 µL)	SLHN033NS		SLHN033NB	SLHN033NK
PTFE Hydrophilic Millipore[®] LCR Membrane Lowest extractables and excellent solvent resistance	4	0.20	1 mL (< 10 µL)		SLLGR04NL		
		0.45	1 mL (< 10 µL)		SLLHR04NL		
	13	0.20	10 mL (< 25 µL)		SLLGH13NL		SLLGH13NK
		0.45	10 mL (< 25 µL)		SLCRO13NL		SLCRO13NK
	25	0.20	100 mL (< 100 µL)	SLLGH25NS		SLLGH25NB	SLLGH25NK
		0.45	100 mL (< 100 µL)	SLCRO25NS		SLCRO25NB	SLCRO25NK
PTFE Hydrophilic IC Millex[®] Filters Low IC extractables/Ion Chromatography Certified	13	0.20	10 mL (< 25 µL)		SLLGC13NL		
		0.45	10 mL (< 25 µL)		SLLHC13NL		
	25	0.20	100 mL (< 100 µL)	SLLGC25NS			
		0.45	100 mL (< 100 µL)	SLLHC25NS			
PTFE Hydrophobic Fluoropore[™] Membrane Excellent solvent resistance	4	0.20	1 mL (< 10 µL)		SLFGR04NL		
		0.45	1 mL (< 10 µL)		SLFHR04NL		
	13	0.20	10 mL (≤ 15 µL)		SLFGX13NL		SLFGX13NK
		0.45	10 mL (≤ 15 µL)		SLFHX13NL		SLFHX13NK
	25	0.20	100 mL (< 100 µL)	SLFG025NS		SLFG025NB	SLFG025NK
		0.45	100 mL (< 100 µL)	SLFH025NS		SLFH025NB	SLFH025NK

Automation Compatible

Dissolution testing / HPLC sample prep

Membrane	Diameter (mm)	Pore Size (µm)	Process Volume (hold-up)	200 (8 x 25) units/pk	1000 units/pk
Durapore [®] Membrane (PVDF)	25	0.45	100 mL (< 100 µL)	SLHVDZ5NZ	SLHVDZ5NK
Nylon Membrane	25	0.20	100 mL (< 100 µL)	SLGNDZ5NZ	SLGNDZ5NK
		0.45	100 mL (< 100 µL)	SLHNDZ5NZ	SLHNDZ5NK
Millipore [®] LCR Membrane (Hydrophilic PTFE)	25	0.20	100 mL (< 100 µL)	SLLGDZ5NZ	SLLGDZ5NK
		0.45	100 mL (< 100 µL)	SLCRDZ5NZ	SLCRDZ5NK
Glass Fiber Filter	25	1.00	100 mL (< 250 µL)	SLPBDZ5NZ	SLPBDZ5NK
Durapore [®] Membrane (PVDF) with glass fiber prefilter	25	0.45	100 mL (< 250 µL)	SLHVBZ5NZ	SLHVBZ5NK
Millipore [®] LCR Membrane (Hydrophilic PTFE) with glass fiber prefilter	25	0.45	100 mL (< 250 µL)	SLCRBZ5NZ	SLCRBZ5NK
Nylon Membrane with glass fiber prefilter	25	0.45	100 mL (< 250 µL)	SLHNBZ5NZ	SLHNBZ5NK

High Particulate Filtration & Automation Compatible

Chromatography sample preparation / Wine analysis / General particulate removal / Industrial / Environmental

Membrane	Diameter (mm)	Pore Size (µm)	Process Volume (hold-up)	50 units/pk	200 (8 x 25) units/pk	1000 units/pk
Millipore [®] LCR (Hydrophilic PTFE) with graduated multi-layer glass fiber prefilter	25	0.20	100 mL (< 250 µL)	SLLGM25NS		SLLGM25NK
		0.45	100 mL (< 250 µL)	SLCRM25NS		SLCRM25NK
Durapore [®] (PVDF) with graduated multi-layer glass fiber prefilter	25	0.45	100 mL (< 250 µL)	SLHVM25NS	SLHVMZ5NZ	SLHVM25NK
Nylon Membrane with graduated multi-layer glass fiber prefilter	25	0.20	100 mL (< 250 µL)	SLGNM25NS		SLGNM25NK
		0.45	100 mL (< 250 µL)	SLHNM25NS		SLHNMZ5NZ

Samplicity[®] Filtration System and Millex Samplicity[®] Filters

A vacuum filtration system that allows filtration of multiple samples (1-8) directly into the standard sized HPLC, UPLC, GC sample vials (12 x 32 mm)



Samplicity[®] System and Accessories

Bold Blue System	SAMPSYSBL
Glossy Green System	SAMPSYSGR
Vial Trays	SAMVIALTR
Waste Trays	SAMWASTTR
Tube Set Assembly	SAMTUBING
Replacement Lid	SAMSYSLID

Millex Samplicity [®] Filters Membrane	Pore Size (µm)	96 units/pk	384 units/pk
Hydrophilic PTFE	0.20	SAMPLG001	SAMPLG004
	0.45	SAMPLCR01	SAMPLCR04

Housing Materials (non-sterile)

Application	4 mm	13 mm	25 mm	33 mm	Millex Samplicity [®] Filters
Chromatography, automation, high-particulate filtration	High density polyethylene	Polypropylene	High density polyethylene	Polypropylene	Polypropylene

Inlet Fittings: Female Luer-Lok[™] Outlet Fittings: Male Luer Slip, Male Stepped (4 mm filters), and *Tube outlet where noted.

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