

# Sterile Millex<sup>®</sup> 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
<b>PVDF Durapore<sup>®</sup> Membrane</b> Lowest binding membrane for protein rich solutions	<b>0.1 µm</b> Sterile filtration & Mycoplasma removal	33 mm	100 mL (< 100 µL)	Modified Acrylic, RS	✓		SLV033RS			
		33 mm	100 mL (< 100 µL)	Modified Acrylic, RS		✓	SLVM33RS			
	<b>0.22 µm</b> 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	
	<b>0.45 µm</b> 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	
	<b>5.0 µm</b> Clarification of sterile solutions		25 mm	100 mL (< 100 µL)	PVC, EO				SLSV025LS	
	<b>PES Millipore Express<sup>®</sup> PLUS</b> Fast flow and low binding for cell culture media preparation	<b>0.22 µm</b> Sterile filtration	33 mm	200 mL (< 100 µL)	Modified Acrylic, RS	✓		SLGP033RS		SLGP033RB
25 mm			100 mL (< 100 µL)	PVC, EO		✓	SLGPM33RS			
<b>0.45 µm</b> Clarification of sterile solutions						✓	SLMPL25SS*			
							SLMPO25SS			
<b>MCE MF-Millipore<sup>™</sup></b> Most referenced general purpose membrane	<b>0.22 µm</b> Sterile filtration	33 mm	100 mL (< 100 µL)	Modified Acrylic, RS	✓		SLGS033SS		SLGS033SB*	
		25 mm	100 mL (< 100 µL)	PVC, EO		✓	SLGSM33SS			
	<b>0.45 µm</b> Clarification of sterile solutions					✓	SLGSV255F SLGL0250S*			
							SLHA033SS		SLHA033SB	
	<b>0.80 µm</b> Clarification of sterile solutions					✓	SLHAM33SS			
							SLAA033SS		SLAA033SB	
<b>PTFE Hydrophilic</b> Broad chemical compatibility	<b>0.2 µm</b> 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
<b>PVDF Durapel<sup>™</sup> Membrane</b> Super hydrophobic membrane for Transducer protection	<b>0.22 µm</b>	25 mm	PVC, EO	FLL	MLS			SLGVS25PS SE2M407H0**	
					MLL			SLGVS25US SLGVS25XS	
					Spike			SLGVS25LS	
<b>PTFE Fluoropore<sup>™</sup> Membrane</b> Hydrophobic chemistry for gas filtration	<b>0.20 µm</b>	25 mm	PVC, EO	FLL	MLS			SLFG025LS	
					MLL			SLFGL25BS	
					Needle		SLFGN25VS		
	<b>0.20 µm</b>	50 mm	PP, Autoclavable	FLL	MLS			SLFG02550	
					SHB		SLFG05010		
					1/8 in. NPTM		SLFG55010		
					SHB (latex)	1/8 in. NPTM	SLFG65010		SLFG65000
	<b>0.45 µm</b>	50 mm	PP, Autoclavable	SHB	1/8 in. NPTM	1/8 in. NPTM	SLFG75010		SLFG75000
					SHB (silicone)	SHB (silicone)	SLFG85010		SLFG85000
					SHB	SHB	SLFH05010		SLFH05000
<b>1.0 µm</b>	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](http://www.millipore.com/millex)  
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Download now to choose the right filter, the first time, from our entire selection of Millex<sup>®</sup> filters.

# Non-sterile Millex<sup>®</sup> 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
<b>PES Millipore Express<sup>®</sup> Membrane</b> 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
<b>PVDF Durapore<sup>®</sup> Membrane</b> 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
<b>Nylon Membrane</b> 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
<b>PTFE Hydrophilic Millipore<sup>®</sup> LCR Membrane</b> 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
<b>PTFE Hydrophilic IC Millex<sup>®</sup> Filters</b> 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			
<b>PTFE Hydrophobic Fluoropore<sup>™</sup> Membrane</b> 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 <sup>®</sup> 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 <sup>®</sup> 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 <sup>®</sup> Membrane (PVDF) with glass fiber prefilter	25	0.45	100 mL (< 250 µL)	SLHVBZ5NZ	SLHVBZ5NK
Millipore <sup>®</sup> 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 <sup>®</sup> 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 <sup>®</sup> (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<sup>®</sup> Filtration System and Millex Samplicity<sup>®</sup> 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<sup>®</sup> 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 <sup>®</sup> 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 <sup>®</sup> Filters
Chromatography, automation, high-particulate filtration	High density polyethylene	Polypropylene	High density polyethylene	Polypropylene	Polypropylene

Inlet Fittings: Female Luer-Lok<sup>™</sup> Outlet Fittings: Male Luer Slip, Male Stepped (4 mm filters), and \*Tube outlet where noted.

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