

# Millex Syringe Filters

Filter with confidence

Millipore has a long history of enabling efficient sample preparation within the life science, environmental monitoring, clinical and industrial quality control markets. We constantly strive to advance sample preparation methods and help scientists meet the demands of lower detection limits and increased sample workloads.

An essential component of high quality separation and purification processes, Millex syringe filters can be found in virtually every laboratory. The unsurpassed quality and consistency of results they provide has led to the creation of many sample preparation methods specifying Millex filters. Global availability allows these methods to be easily transferred to any laboratory, anywhere in the world.

## Manufactured for Reliable Performance

Manufacturing occurs in a controlled environment using an automated process. Sterile devices are provided with a Certificate of Quality.

## Faster Flow Rate

33 mm Millex filters have 20% more filter surface than 25 mm filters for significantly higher flow rate and throughput.

## Higher Operating Pressure

With a maximum housing pressure of 150 psig (10 bar) solutions can be filtered faster.

## Low Extractables, Low Binding

A variety of membranes and housings ensure chemical compatibility with a range of samples and solvents.

## Choose From a Variety of Membranes

- Millex-LCR filter contains a Millipore-exclusive hydrophilic PTFE membrane and are HPLC-certified for low levels of UV-absorbing extractables. They provide the cleanest sample for HPLC analysis.
- Durapore® (PVDF) filters combine fast flow with low protein binding.
- Nylon filters provide broad chemical compatibility for use with aqueous and organic solutions.
- Millipore Express® PLUS (PES) filters have fastest flow rates and higher throughput.
- MF-Millipore™ mixed cellulose ester (MCE) membrane is a widely used, general purpose filter.



	Pore Size ( $\mu\text{m}$ )	Type	Process Volume	Hold-up Volume (after air purge)	Outlet Connection	Qty/Pk	Catalogue No.
<b>25 mm Diameter</b>							
<b>Millipore LCR (Hydrophilic PTFE) Membrane</b>							
	0.20	LCR	100 mL	<100 $\mu\text{L}$	Male Luer slip	50 250 1000	SLLGH25NS SLLGH25NB SLLGH25NK
	0.45	LCR	100 mL	<100 $\mu\text{L}$	Male Luer slip	50 250 1000	SLCR025NS SLCR025NB SLCR025NK
<b>IC Millex Filters (Hydrophilic PTFE) Membrane</b>							
	0.20	IC Millex-LG	100 mL	<100 $\mu\text{L}$	Male Luer slip	50	SLLGC25NS
	0.45	IC Millex-LH	100 mL	<100 $\mu\text{L}$	Male Luer slip	50	SLLHC25NS
<b>Fluoropore (Hydrophobic PTFE) Membrane</b>							
	0.20	FG	100 mL	<100 $\mu\text{L}$	Male Luer slip	50 250 1000	SLFG025NS SLFG025NB SLFG025NK
	0.45	FH	100 mL	<100 $\mu\text{L}$	Male Luer slip	50 250 1000	SLFH025NS SLFH025NB SLFH025NK
	5.0	LS	100 mL	<100 $\mu\text{L}$	Male Luer slip	50	SLLS025NS
<b>33 mm Diameter</b>							
<b>Durapore (PVDF) Membrane</b>							
	0.22	GV	100 $\mu\text{L}$	$\leq$ 80 $\mu\text{L}$	Male Luer slip	50 250 1000	SLGV033NS SLGV033NB SLGV033NK
	0.45	HV	100 $\mu\text{L}$	$\leq$ 80 $\mu\text{L}$	Male Luer slip	50 250 1000	SLHV033NS SLHV033NB SLHV033NK
<b>Nylon Membrane</b>							
	0.20	GN	100 mL	$\leq$ 80 $\mu\text{L}$	Male Luer slip	50 250 1000	SLGN033NS SLGN033NB SLGN033NK
	0.45	HN	100 $\mu\text{L}$	$\leq$ 80 $\mu\text{L}$	Male Luer slip	50 250 1000	SLHN033NS SLHN033NB SLHN033NK
<b>Millipore Express (PES) Membrane</b>							
	0.22	GP	200 mL	$\leq$ 80 $\mu\text{L}$	Male Luer slip	50 250 1000	SLGP033NS SLGP033NB SLGP033NK
	0.45	HP	100 $\mu\text{L}$	$\leq$ 80 $\mu\text{L}$	Male Luer slip	50 250 1000	SLHP033NS SLHP033NB SLHP033NK



25 mm filters have HDPE housings with a male Luer slip outlet.



33 mm filters have polypropylene housings with a male Luer slip outlet.

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