

Non-sterile Millex for chemical filtration, HPLC sample preparation

➤ Low adsorption membrane and low extractables

➤ For clarifying aqueous solutions and organic mixtures

Pore size (µm)	Max vol. (ml)	Membrane	Filter body	Inlet/Outlet	Type Millex	ø (mm)	Merck Millipore Cat. No.	Units/box	Cat. No.	€/box
0.22	1	Durapore	HDPE	LL/LT	Millex-GV	4	SLGVR04NL	100	051217	NC -
							SLGVR04NK	1000	051218	NC -
0.22	10	Durapore	HDPE	LL/LT	Millex-GV	13	SLGVX13NL	100	051384	NC -
							SLGVX13NK	1000	051418	NC -
0.45	1	Durapore	HDPE	LL/LT	Millex-HV	4	SLHVR04NL	100	051225	NC -
							SLHVR04NK	1000	051226	NC -
0.45	10	Durapore	HDPE	LL/LT	Millex-HV	13	SLHVX13NL	100	051233	NC -
							SLHVX13NK	1000	051419	NC -

Nylon membrane for the clarification of aqueous and organic solutions

0.2	10	Nylon	HDPE	LL/LT	Millex-GN	13	SLGNX13NL	100	051421	NC -
							SLGNX13NK	1000	051422	NC -
0.45	10	Nylon	HDPE	LL/LT	Millex-HN	13	SLHNX13NL	100	051425	NC -
							SLHNX13NK	1000	051426	NC -

Hydrophilic LCR (PTFE) membrane with low protein adsorption for the clarification of aqueous and organic solutions

0.2	1	Hydrophilic fluoropore	HDPE	LL/LT	Millex-LG	4	SLLGR04NL	100	051223	NC -
0.2	10	Hydrophilic fluoropore	HDPE	LL/LT	Millex-IC	13	SLLGC13NL	100	051344	NC -
0.2	100	Hydrophilic fluoropore	HDPE	LL/LT	Millex-IC	25	SLLGC25NS	50	051345	NC -
0.45	1	Hydrophilic fluoropore	HDPE	LL/LT	Millex-LH	4	SLLHR04NL	100	051231	NC -
							SLLHR04NK	1000	051232	NC -
0.45	10	Hydrophilic fluoropore	HDPE	LL/LT	Millex-LCR	13	SLCR013NL	100	051236	NC -
							SLCR013NK	1000	051410	NC -

Hydrophobic Fluoropore (PTFE) membrane for the clarification of organic solvents

0.2	1	Hydrophilic fluoropore	HDPE	LL/LT	Millex-FG	4	SLFGR04NL	100	051219	NC -
0.2	10	Hydrophilic fluoropore	HDPE	LL/LT	Millex-FG	13	SLFGX13NL	100	051412	NC -
							SLFGX13NK	1000	051413	NC -
0.2	100	Hydrophilic fluoropore	HDPE	LL/LT	Millex-FG	25	SLFG025NS	50	051430	NC -
							SLFG025NB	250	051414	NC -
0.45	1	Hydrophilic fluoropore	HDPE	LL/LT	Millex-FH	4	SLFHR04NL	100	051227	NC -
0.45	10	Hydrophilic fluoropore	HDPE	LL/LT	Millex-FH	13	SLFHX13NL	100	051415	NC -
							SLFHX13NK	1000	051416	NC -
0.45	100	Hydrophilic fluoropore	HDPE	LL/LT	Millex-FH	25	SLFH025NS	50	051363	NC -

AP20 Glass fibre pre-filter

Between 0.8 and 8	100	Glass fibre	PVC	LL/LT	Millex-AP	25	SLAP02550	50	051216	NC -
-------------------	-----	-------------	-----	-------	-----------	----	-----------	----	--------	------

Millex 33 mm non-sterile syringe filters for sample preparation

No sterile. 33 mm diameter offering almost 20% more filtration area compared to 25 mm filters. Low dead volume (< 80 µl).

- **Durapore (PVDF)** low protein adsorption. For the filtration of 10 to 100 ml of solution containing proteins before chromatographic analysis
- **Express Plus (PES)** : high flow rate and yield or the filtration of 10 to 200 ml of solutions which are loaded with particles or difficult to filter before chromatographic analysis.
- **Nylon** : low level of extractables. For the clarification of 10 to 100 ml of aqueous and organic solutions.
- **PTFE** : low protein absorption. For the filtration of 10 to 100 ml of aqueous or organic solutions.

Pore size (µm)	Max volume (ml)	Membrane	Type Millex	Cat. No. Merck Millipore	Units/box	Cat. No.	€/box
0.2	100	PTFE	Millex-LG	SLLG033NS	50	236044	NC -
				SLLG033NB	250	236045	NC -
				SLLG033NK	1000	236046	NC -
0.45	100	PTFE	Millex-LCR	SLCR033NS	50	236047	NC -
				SLCR033NB	250	236048	NC -
				SLCR033NK	1000	236049	NC -
0.22	100	Durapore	Millex-GV	SLGV033NS	50	051569	NC -
				SLGV033NB	250	051570	NC -
				SLGV033NK	1000	051571	NC -
0.45	100	Durapore	Millex-HV	SLHV033NS	50	051572	NC -
				SLHV033NB	250	051573	NC -
				SLHV033NK	1000	051574	NC -
0.22	200	Express Plus	Millex-GP	SLGP033NS	50	051575	NC -
				SLGP033NB	250	051576	NC -
				SLGP033NK	1000	057638	NC -
0.45	200	Express Plus	Millex-HP	SLHP033NS	50	051578	NC -
				SLHP033NB	250	051579	NC -
				SLHP033NK	1000	051580	NC -
0.22	100	Nylon	Millex-GN	SLGN033NS	50	051581	NC -
				SLGN033NB	250	051582	NC -
				SLGN033NK	1000	051583	NC -
0.45	100	Nylon	Millex-HN	SLHN033NS	50	051584	NC -
				SLHN033NB	250	051585	NC -
				SLHN033NK	1000	051586	NC -



- Filtration area : 4.5 cm²
- Max. pressure : 8.6 bar
- Dead volume : < 80 µl after purging with air
- Polypropylene filter body
- Input/Output : LL/LT
- Low level of extractables
- High pressure resistance
- Low dead volume : 20% less than 25 mm filters
- Available in 0.22 µm and 0.45 µm
- PP filter body
- No-sterile