

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 | |
| | 0.20 µm | 50 mm | PP, Autoclavable | FLL | MLS | | | SLFG02550 | |
| | | | | | SHB | | | SLFG05010 | |
| | 0.20 µm | 50 mm | PP, Autoclavable | SHB (latex) | 1/8 in. NPTM | | | SLFG55010 | |
| | | | | | 1/8 in. NPTM | | | SLFG65010 | |
| | | | | | 1/8 in. NPTM | | | SLFG75010 | |
| | 0.45 µm | 50 mm | PP, Autoclavable | SHB (silicone) | SHB (silicone) | | | SLFG85010 | |
| | | | | | SHB | | | SLFH05010 | |
| 1.0 µm | 50 mm | PP, Autoclavable | SHB | SHB | | | SLFA05010 | | |

**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
Continued on reverse...

 For technical assistance, contact EMD Millipore: 1-800-645-5476 www.emdmillipore.com/techservice



 **NEW Millex[®] Filter Finder app now available in the App Store!**

Download now to choose the right filter, the first time, from our entire selection of Millex[®] Filters.



In the United States:
For customer service, call 1-800-766-7000.
To fax an order, use 1-800-926-1166.
To order online: www.fishersci.com

In Canada:
For customer service, call 1-800-234-7437.
To fax an order, use 1-800-463-2996.
To order online: www.fishersci.ca

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.

To learn more, please visit: www.millipore.com/millex
Continued on reverse...

For technical assistance, contact EMD Millipore: 1-800-645-5476 www.emdmillipore.com/techservice

Fisher Scientific

In the United States:
For customer service, call 1-800-766-7000.
To fax an order, use 1-800-926-1166.
To order online: www.fishersci.com

In Canada:
For customer service, call 1-800-234-7437.
To fax an order, use 1-800-463-2996.
To order online: www.fishersci.ca



NEW Millex[®] Filter Finder app now available in the App Store!

Download now to choose the right filter, the first time, from our entire selection of Millex[®] Filters.