

13-25мм СТЕРИЛЬНЫЕ ШПРИЦЕВЫЕ ФИЛЬТРЫ MILEX



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Millex®-LG

Sterilizing Filter Unit

(13 mm and 25 mm)

- Single use only
- Sterile
- Non-pyrogenic
- Do not use this product as an in-line filter for intravenous administration



Introduction

The sterile 13 millimeter (mm) and 25 mm Millex-LG (also known as DIMEX) units are syringe-operated filter units for the sterilization of solvent or aqueous solutions (column eluates, tissue culture additives, HPLC samples, etc.) in volumes of 10 to 100 milliliters (mL). The solvent-resistant, single-use Millex-LG unit incorporates the 0.2 µm hydrophilic PTFE membrane. Millex-LG filter unit is suitable for use as a syringe filter to sterilize and ultraclean solutions.

Compatibility Guide

The Millex-LG device is compatible with most aqueous solutions. You may use it to filter the agents listed below. Millipore has developed this guide using technical publications, materials suppliers, laboratory tests, and field evaluations, and we believe it to be reliable. However, due to the different conditions under which the syringe filters are used (variability in temperature, concentrations, duration of exposure, and other factors outside of our control), no warranty is given or implied with respect to such information. You should test the agents that are not listed with the Millex-LG filter unit prior to use.

Solvents		
Acetone	Dimethylformamide	Hexane
Acetonitrile	Dioxane	Hydrogen peroxide
Amyl acetate	DMSO	Isobutyl alcohol
Amyl alcohol	Ethyl alcohol	Isopropyl acetate
Benzyl alcohol (1%)	Ethers	Isopropyl alcohol
Brine (Sea water)	Ethyl acetate	Kerosene
Butyl alcohol	Ethylene glycol	Methyl alcohol
Cellosolve (Ethyl)	Formaldehyde	Methylene chloride
Chloroform	Freon® solvent, TF or PCA	MEK
Cyclohexanone	Gasoline	MBK
Dimethacetamide	Glycerine	Nitrobenzene

Specifications

Materials	Membrane: Hydrophilic PTFE 0.2 µm Housing: High density polyethylene (HDPE)								
Temperature Limit	45 °C (113 °F) maximum								
Pressure Limit at 25 °C	75 psig inlet and differential maximum								
Hold-Up Volume	after air purge, 13 mm: < 25 µL, 25 mm: < 100 µL								
Sterilization Method	ETO sterilization								
Water Flow Rate at 25 °C, 30psi	13 mm: 30 mL/min. 25 mm: 125 mL/min.								
Dimensions	<table><tr><td><u>13 mm Millex</u></td><td><u>25 mm Millex</u></td></tr><tr><td>Inlet to Outlet</td><td>21 mm 26 mm</td></tr><tr><td>Diameter</td><td>14 mm 28 mm</td></tr><tr><td>Filtration Area</td><td>0.8 cm² 4 cm²</td></tr></table>	<u>13 mm Millex</u>	<u>25 mm Millex</u>	Inlet to Outlet	21 mm 26 mm	Diameter	14 mm 28 mm	Filtration Area	0.8 cm ² 4 cm ²
<u>13 mm Millex</u>	<u>25 mm Millex</u>								
Inlet to Outlet	21 mm 26 mm								
Diameter	14 mm 28 mm								
Filtration Area	0.8 cm ² 4 cm ²								
Connections	Female Luer-Lok® inlet; male Luer-slip outlet								

Product Ordering

Description	Size, mm		Qty / pk
Millex®-LG	13	SLLG013SL	100
Millex®-LG	25	SLLG025SS	50

Notice

We provide information and advice to our customers on application technologies and regulatory matters to the best of our knowledge and ability, but without obligation or liability. Existing laws and regulations are to be observed in all cases by our customers. This also applies in respect to any rights of third parties. Our information and advice do not relieve our customers of their own responsibility for checking the suitability of our products for the envisaged purpose.

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