

Millex[®] Filter Units with MF-Millipore[™] Membrane

■ For reliable sterilization of small volumes



The latest generation of Millex filters sets a new standard for small volume filtration, with greater performance, convenience, and quality than ever before.

Millex-MF filters can be used in the research laboratory to sterile filter protein solutions, tissue culture media, additives, buffers, or water. Outside of the U.S. and Japan, Millex-MF filters can also be used for direct patient care and pharmacy admixture applications (see "Medical Applications").

33 mm for Faster Flow Rate

New Millex filters are 33 mm in diameter and have almost 20% more filter surface area than our 25 mm filters. The larger filter surface area increases flow rate and throughput. It also makes it easier to filter solutions because it reduces the pressure required to empty the syringe.

Higher Operating Pressure

New Millex filters have a maximum housing pressure of 150 psig (10 bar), which means you can filter solutions faster than before.

Color-Coded

Millex filters are available with three different membrane polymers, each with different performance characteristics. The color-coded band on the Millex housing clearly indicates which membrane is inside. Millex filters with MF-Millipore membrane have a blue band.

Manufactured for Reliable Performance

Millex filters are manufactured in a controlled environment using an automated process. Human hands never touch the filter during assembly. A Certificate of Quality included in each box describes Millipore's quality standards in detail.

Medical Applications

New 33 mm Millex filters are CE 0459-marked for medical use outside the U.S. and Japan. Hospital pharmacy applications include filtering small volumes of protein pharmaceuticals, diagnostic imaging agents, chemotherapeutics, aqueous solutions, or water during admixture preparation.

Direct patient care applications include sterilization and particulate removal from epidural and other liquid anesthetics, as well as from irrigation solutions used in ophthalmic, otic and other surgical procedures.

Within the U.S. and Japan, contact Millipore for information about medical products listed with the appropriate regulatory authorities.

Validation Guide Available

Contact the nearest Millipore office listed on the back cover for more information. Or visit www.millipore.com/millex.

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Specifications

Dimensions

Length (inlet to outlet): 26 mm (1.02 in)
Diameter: 33 mm (1.30 in)

Connections

Inlet: Female Luer-Lok™
Outlet: Male Luer slip

Materials

Top, Base, and Outer Ring:
Modified Acrylic (with colorant in
outer ring)

Membrane: Hydrophilic, mixed
cellulose esters (MCE)

Filtration Area:

4.52 cm² (0.70 in²)

Maximum Housing Pressure

(at 25 °C): 150 psig (10.5 bar)

Filtration Volume:

10 to 200 mL

Hold-up Volume:

< 0.1 mL after air
purge

Sterilization Method

Ethylene oxide

Toxicity

All component parts meet USP Class
VI Biological tests for plastics.

To Place an Order or Receive Technical Assistance

For additional information call your
nearest Millipore office.

In the U.S. and Canada,
call toll-free **1-800-MILLIPORE**
(1-800-645-5476)

In the U.S., Canada and Puerto Rico,
fax orders to **1-800-MILLIFX**
(1-800-645-5439)

Internet: www.millipore.com

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Ordering Information

Description	Qty/Pk	Catalogue No.
33 mm Millex Filter Units with MF-Millipore Membrane		
Type-GS, 0.22 µm	50	SLGS 033 SS
	250	SLGS 033 SB
Type-HA, 0.45 µm	50	SLHA 033 SS
	250	SLHA 033 SB
Type-AA, 0.8 µm	50	SLAA 033 SS
	250	SLAA 033 SB

Millex filter units are also available with low-protein binding/fast flow Millipore Express™ membrane and ultra-low protein binding Durapore® membrane. The filters are part of a family of vacuum- and pressure-driven devices. Contact Millipore for more information, or visit www.millipore.com/sterile.

Millipore Worldwide

AUSTRALIA

Tel. 1 800 222 111
or (02) 9888 8999
Fax (02) 9878 0788

AUSTRIA

Tel. (01) 877 89 26
Fax (01) 877 16 54

BALTIC COUNTRIES

Tel. +358 9 804 5110
Fax +358 9 256 5660

BELGIUM AND LUXEMBOURG

Tel. +32 2 726 88 40
Fax +32 2 726 98 84

BRAZIL

Tel. (011) 5548-7011
Fax (011) 5548-7923

CANADA

Tel. 1-800-645-5476
Fax 1-800-645-5439

CHINA, PEOPLE'S REPUBLIC OF

Beijing:
Tel. (8610) 8519 1250
(8610) 6518 1058

Fax (8610) 8519 1255
Guangzhou:

Tel. (8620) 8755 4049
Fax (8620) 8752 0172

Hong Kong:

Tel. (852) 2803 9111
Fax (852) 2513 0313

Shanghai:

Tel. (8621) 5306 9100
Fax (8621) 5306 0838

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Tel. 02-2051 3841
Fax 02-2051 4298

DENMARK

Tel. 70 10 00 23
Fax 70 10 13 14

EASTERN EUROPE, C.I.S., AFRICA, MIDDLE EAST AND GULF

Life Sciences Division:

Tel. +33 3 88 38 9536

Fax +33 3 88 38 9539

BioPharmaceutical Division:

Tel. +43 1 877-8926

Fax +43 1 877-1654

Laboratory Water Division:

Tel. +33 1 30 12 7000

Fax +33 1 30 12 7180

FINLAND

Tel. (09) 804 5110

Fax (09) 256 5660

FRANCE

Tel. 01 30 12 7000

Fax 01 30 12 7180

GERMANY

Tel. (06196) 494-0

Fax (06196) 43901

HUNGARY

Tel. 01 381 0433

01 381 0434

01 209 3232

Fax 01 209 0295

INDIA

Tel. (91) 80-839 46 57

Fax (91) 80-839 63 45

IRELAND

Life Sciences and

Laboratory Water Divisions:

Tel. +44 1923 816375

Fax +44 1923 818297

BioPharmaceutical Division:

Tel. (021) 883 666

Fax (021) 883 048

ITALY

Vimodrone (Milano):

Tel. (02) 25.07.81

Fax (02) 26.50.324

Roma:

Tel. (06) 52.03.600

Fax (06) 52.95.735

JAPAN

Tel. (03) 5442-9711

Fax (03) 5442-

9736 Life Sciences

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Tel. (822) 551-0230

Fax (822) 551-0228

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Tel. 03-7957-1322

Fax 03-7957-1711

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Tel. 076-5022000

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Fax 22 66 04 60

POLAND

Tel. 22-669 12 25

22-663 70 31

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PUERTO RICO

Tel. (787) 273-8495

Fax (787) 747-6553

SINGAPORE

Tel. 6842-1822

Fax 6842-4988

SPAIN AND PORTUGAL

Tel. +34 917 283 960

Fax +34 917 292 909

SWEDEN

Tel. 08-628 6960

Fax 08-628 6457

SWITZERLAND

Tel. (01) 908-30-60

Fax (01) 908-30-80

TAIWAN

Tel. 886-2-2792-9333

Fax 886-2-2792-6555

U.K.

Tel. 01923 816375

Fax 01923 818297

U.S.A.

Tel. (781) 533-6000

Fax (781) 533-3110

IN ALL OTHER COUNTRIES

Millipore Intertech (U.S.A.)

Tel. +1 (781) 533-8622

Fax +1 (781) 533-8630

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