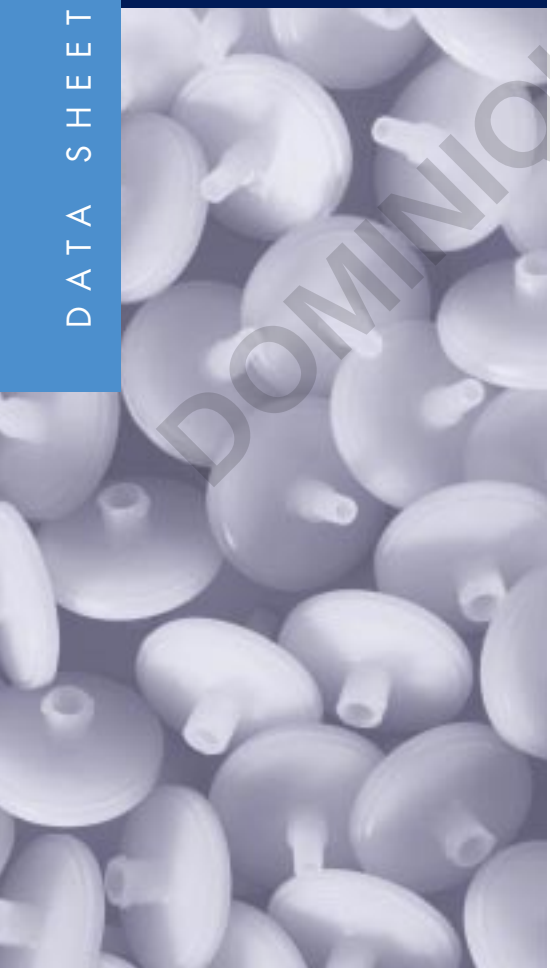
MILLIPORE

DATA SHEET



- *Low binding membrane*
- *Low IC extractables*
- *Clarifies both aqueous and mild organic solutions*



IC Millex® Filter Units

A low extractable filter specifically designed for ion chromatography

Cleaner IC Spectra

IC Millex Filter Units remove particulates from aqueous and mild organic solutions. The high density polyethylene housing and low binding hydrophilic polytetrafluroethylene (PTFE) membrane are both low in extractables (see levels at right).

Individually Packaged

Each unit is individually packaged to minimize the risk of extraneous ionic contamination.

Choice of Sizes

IC Millex filter units are available in both 13 and 25 mm diameters. The 13 mm units are recommended for filtering volumes from 1 to 10 mL. The 25 mm units are recommended for filtering volumes from 10 to 100 mL.

Certified for Reliable Performance

Each lot of filter units is tested to ensure it complies with Millipore's quality control standards. Lot release criteria include: bubble point, flow rate, housing pressure, downstream particles, and IC levels. A certificate of quality with complete specifications is included in each box.

Ion Extractable Levels

As determined by IC

Ion	Level (µg/mL)
Cl^-	< 0.20
NO_3^-	< 0.20
SO_4^{2-}	< 0.50

Specifications

Materials	*Housing:* *Membrane:*	High density polyethylene (HDPE) Hydrophilic polytetrafluoroethylene (PTFE), 0.2 µm or 0.45 µm
Effective Filtration Area	*13 mm:* *25 mm:*	0.65 cm^2 (0.10 in^2) 3.9 cm^2 (0.61 in^2)
Sterilization		Non-sterile
Inlet pressure (max)		10 bar (100 psig) inlet and differential
Retention Volume	*13 mm:* *25 mm:*	≤ 25 µL after air purge ≤ 100 µL after air purge
Connections	*Inlet:* *Outlet:*	Female Luer-Lok™ Male Luer slip
Flow Rate at 25 °C		
IC Millex-LG	*13 mm:* *25 mm:*	15 mL/min. at 2 bar (30 psi) 90 mL/min. at 2 bar (30 psi)
IC Millex-LH	*13 mm:* *25 mm:*	3 mL/min. at 0.7 bar (10 psi) 55 mL/min. at 0.7 bar (10 psi)
Effluent Particles		< 50 particles greater than 10 µm per unit

DOMINIQUE DUTSCHER SAS



Ordering Information

Product Name	Filter Diameter, mm	Pore Size, µm	Qty/Pk	Catalogue Number
IC Millex-LG	13	0.2	100	SLLG C13 NL
	25	0.2	50	SLLG C25 NS
IC Millex-LH	13	0.45	100	SLLH C13 NL
	25	0.45	50	SLLH C25 NS

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**
Technical Service: **www.millipore.com/techservice**

pure e-commerce

Now you can buy Millipore products online @ www.millipore.com/purecommerce

MILLIPORE

Millipore Worldwide

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

AUSTRIA
Tel. 0820 87 44 64
Fax 0820 87 44 44

BALTIC COUNTRIES
Tel. +358 203 05 645
Fax +358 203 05 644

BELGIUM
Tel. 070 225 645
Fax 070 225 644

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

CANADA
Tel. (800) 645-5476
Fax (800) 645-5439

CHINA, PEOPLE'S REPUBLIC OF
Beijing:
Tel. (86-10) 8519 1250
(86-10) 6518 1058
Fax (86-10) 8519 1255
Guangzhou:
Tel. (86-20) 8752 0187
(86-20) 8752 0173
Fax (86-20) 8752 0172
Hong Kong:
Tel. (852) 2803 9111
Fax (852) 2513 0313
Shanghai:
Tel. (86-21) 5306 9100
Fax (86-21) 5306 0838

CZECH REPUBLIC
Tel. 02 2051 3841
Fax 02 2051 4298

DENMARK
Tel. 7010 5645
Fax 7010 5644

EASTERN EUROPE, C.I.S., AFRICA, MIDDLE EAST AND GULF
Tel. +33 3 88 38 9536
Fax +33 3 88 38 9539

FINLAND
Tel. 0203 05 645
Fax 0203 05 644

FRANCE
Tel. 0825 045 645
Fax 0825 045 644

GERMANY
Tel. 01 805 045 645
Fax 01 805 045 644

HUNGARY
Tel. 01 209 04 33
Fax 01 209 02 95

INDIA
Tel. 080 839 46 57
Fax 080 839 63 45

IRELAND
Tel. +44 1923 816375
Fax +44 1923 818297

ITALY
Tel. 848 845 645
Fax 848 845 644

JAPAN
Tel. (03) 5442-9711
Fax (03) 5442-9736

KOREA
Tel. (822) 551-0230
Fax (822) 551-0228

LUXEMBOURG
Tel. +32 2726 88 40
Fax +32 2726 98 84

MALAYSIA
Tel. 03-7957-1322
Fax 03-7957-1711

MEXICO
Tel. (55) 5576 9688
Fax (55) 5576 8706

THE NETHERLANDS
Tel. 0900 7 645 645
Fax 0900 7 645 644

NORWAY
Tel. 810 62 645
Fax 810 62 644

POLAND
Tel. 22 669 12 25
Fax 22 663 70 33

PORTUGAL
Tel. +34 91 728 39 60
Fax +34 91 729 29 09

PUERTO RICO
Tel. (787) 273-8495
Fax (787) 747-6553

SINGAPORE
Tel. 6842-1822
Fax 6842-4988

SPAIN
Tel. 901 516 645
Fax 902 011 644

SWEDEN
Tel. 0771 200 645
Fax 0771 200 644

SWITZERLAND
Tel. 0848 645 645
Fax 0848 645 644

TAIWAN
Tel. 886-2-2792-9333
Fax 886-2-2792-6555

U.K.
Tel. 0870 900 46 45
Fax 0870 900 46 44

U.S.A.
Tel. (800) 645-5476
Fax (800) 645-5439

IN ALL OTHER COUNTRIES
Millipore International
Tel. +1 781 533 8622
Fax +1 781 533 8630

Millipore and Millex are trademarks of Millipore Corporation.
Luer-Lok is a trademark of Becton, Dickinson & Company.
Lit. No. PF1405EN00 Rev. A 7/03 03-245
Printed in U.S.A.
© 2003 Millipore Corporation. All rights reserved.

DOMINIQUE DUTSCHER SAS