



Fluorex-S™ and Fluorex-CN Disposable Filters

Disposable filters for small volume point-of-use filtration of photochemicals, solvents, acids and bases at ambient temperature



Cost-effective for Low-volume Filtration

Fluorex-S and Fluorex-CN disposable filters are designed to filter liquid process chemicals at flow rates of less than 10 liters per minute. Fluorex-S filters are constructed of PTFE membrane on polypropylene supports and are compatible with a wide range of solvents, acids, and bases at ambient temperatures. Fluorex-CN filters are made entirely of polypropylene. These filters are available in four retention ratings with 1/4" or 1/2" compression fittings (Swagelok® fitting compatible) for convenient installation.

Disposable Design Offers the Safest and Cleanest Conditions

The Fluorex-S and Fluorex-CN disposable filters are fully encapsulated in a compact and easy-to-handle housing shell. The disposable design limits the handling of hazardous chemicals during installation and disposal, thereby promoting a safer work environment.

Superior Manufacturing

- Manufactured in a world-class, ISO 9001 Quality Systems Standard facility.
- Manufactured, tested, and packaged in a cleanroom to ensure product cleanliness.

Product Features

Fluorex-S filters are available in retention ratings of 0.1 μm , 0.2 μm , 0.5 μm , and 1.0 μm .

Fluorex-CN filters are available in retention ratings of 0.6 μm , 1.2 μm , and 2.5 μm .

Designed without O-rings

Compact, disposable filter

Available with 1/4" and 1/2" compression fittings

Product Benefits

Provides excellent small particle retention to ensure minimal particles remain on wafer surface. Sizes available to meet your precise process flow needs.

High purity connections with no O-rings avoid potential sources of contamination and ensure downstream cleanliness.

Allows quick installation and minimizes downtime while limiting the handling of hazardous chemicals.

Simplified installation: allows convenient retrofit with existing system and easy filter changeout.

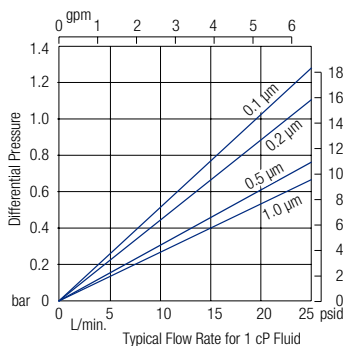
Fluorex-S and Fluorex-CN Filters - Ordering Information

Fluorex-S Disposable Filters

Materials	Filtration Material: Hydrophobic polytetrafluoroethylene (PTFE) membrane	
	Polypropylene supports and housing	
Dimensions	1/2" Fittings: Length: 116 mm [4.6"] Width: 69 mm [2.7"]	1/4" Fittings: Length: 113 mm [4.45"] Width: 69 mm [2.7"]
	Fittings Inlet/Outlet: 1/4" or 1/2" compression seal (Swagelok fitting compatible) Vent/Drain: 1/4" compression seal	
Operating Conditions	Maximum Operating Pressure: 0.54 MPa (5.4 bar, 80 psid) @ 25° C	
	Maximum Forward/Reverse Differential Pressure: 0.27 MPa (2.7 bar, 40 psid) @ 25° C	
	Maximum Operating Temperature: 60° C	
Membrane Area	1,000 cm ² (1.1 ft ²)	

Ordering Information

Filter	Part # (3/pack)	
	1/4" fitting	1/2" fitting
Fluorex-S Filter, 0.1 µm	CWFV 0S1 S3	CWFV 2S1 S3
Fluorex-S Filter, 0.2 µm	CWFG 0S1 S3	CWFG 2S1 S3
Fluorex-S Filter, 0.5 µm	CWFH 0S1 S3	CWFH 2S1 S3
Fluorex-S Filter, 1.0 µm	CWFA 0S1 S3	CWFA 2S1 S3

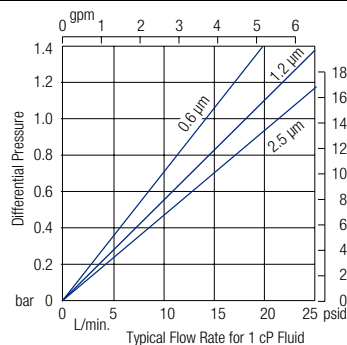


Fluorex-CN Disposable Filters

Materials	Filtration Material: Polypropylene	
	Polypropylene supports and housing	
Dimensions	1/2" Fittings: Length: 116 mm [4.6"] Width: 69 mm [2.7"]	1/4" Fittings: Length: 113 mm [4.45"] Width: 69 mm [2.7"]
	Fittings Inlet/Outlet: 1/4" or 1/2" compression seal (Swagelok fitting compatible) Vent/Drain: 1/4" compression seal	
Operating Conditions	Maximum Operating Pressure: 0.275 MPa (2.75 bar, 40 psid) @ 25° C	
	Maximum Operating Temperature: 38° C	
Membrane Area	0.6 µm: 1,000 cm ² (1.1 ft ²) 1.2 µm and 2.5 µm: 1,250 cm ² (1.3 ft ²)	

Ordering Information

Filter	Part # (3/pack)	
	1/4" fitting	1/2" fitting
Fluorex-CN Filter, 0.6 µm	CN06 0S1 S3	CN06 2S1 S3
Fluorex-CN Filter, 1.2 µm	CN12 0S1 S3	CN12 2S1 S3
Fluorex-CN Filter, 2.5 µm	CN25 0S1 S3	CN25 2S1 S3



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UNITED STATES OF AMERICA (+1) 978-436-6500 Billerica, MA (+1) 972-359-4000 Allen, TX
EUROPE (+33) 4-76-35-73-50
ASIA (+65) 6 745-2422

JAPAN (+81) 3-5442-9718 Tokyo (+81) 92-471-8133 Kyushu (+81) 6-6390-0594 Osaka

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Mykron

Mykron Microelectronics Co., Ltd.

上海资方微电子有限公司

Suite 318, B Office Tower, Poly Plaza

No.14, Dong Zhi Men Street (South), Dong Cheng District
Beijing, 100027, China

Tel. (86)10-6551 0500 Fax (86)10-6551 0501