



# Fluorex™ HP and HP-L Disposable Filters

Hydrophilic filters ideal for filtration of developer, pure water, and aqueous-based photoresists and chemicals



## Delivering Quality Performance for Aqueous-based Chemicals

The Fluorex HP and HP-L filters use a hydrophilic PTFE membrane for excellent chemical compatibility with aqueous-based chemicals. This membrane provides instant wetting and high flow rates in a compact, disposable design.

### Integrated Design Provides Safe Handling

A small and easy-to-handle polypropylene housing encases Fluorex filters. The integrated design allows quick installation and minimizes downtime.

### Superior Manufacturing

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

Materials	Membrane: Hydrophilic PTFE
	Supports, core: Polypropylene
	Disposable Shell: Polypropylene
Membrane Area	HP: 1,000 cm <sup>2</sup> (1.07 ft. <sup>2</sup> ) HP-L: 2,000 cm <sup>2</sup> (2.15 ft. <sup>2</sup> )
Connections	HP Inlet/Outlet: 1/4" or 1/2" compression seal fittings HP -L Inlet/Outlet: 3/8" or 1/2" compression seal fittings Vent/Drain: 1/4" compression seal fittings
Maximum Operating Conditions	Maximum Inlet Pressure: HP: 0.275 MPa (2.75 bar; 40 psi) @ 25° C HP-L: 0.34 MPa (3.5 bar; 50 psi) @ 25° C
	Maximum Forward/Reverse Differential Pressure: 0.345 MPa (3.45 bar; 50 psid) @ 23° C
	Maximum Operating Temperature: 40° C

## Product Features

Hydrophilic PTFE membrane filter

Design without O-rings

Available in retention ratings of 0.1 µm and 0.2 µm

Compact, disposable unit

## Product Benefits

Rapidly wets and remains fully-wet in water or developer. Eliminates chemical usage while reducing system downtime during filter changeouts. Saves time, greatly increases equipment uptime.

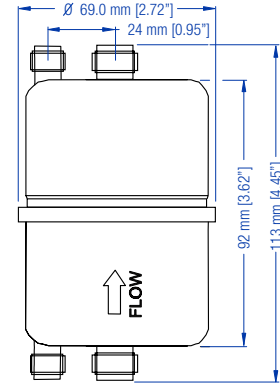
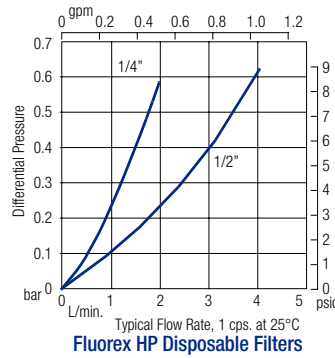
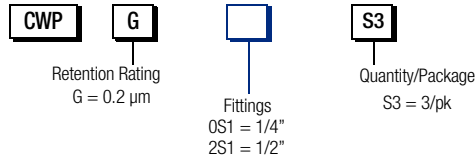
Design incorporates no O-rings to avoid potential sources of contamination.

Provides excellent small particle retention for a variety of particle sizes.

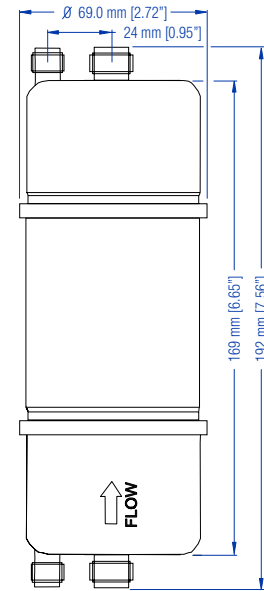
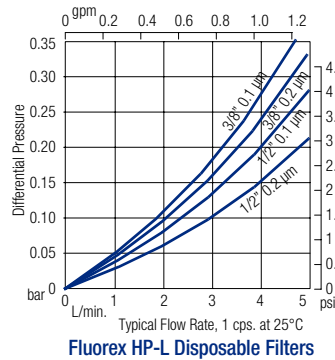
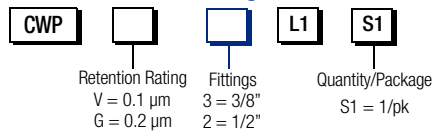
Requires less space for changeout. Minimizes downtime and simplifies changeout.

# Fluorex HP and HP-L Disposable Filters - Ordering Information

## Fluorex HP Ordering Information



## Fluorex HP-L Ordering Information



Accessories	Part #
Air vent set	CW00 0S4 AV
Adaptor set for 1/4" inlet/outlet	CW00 0S4 20
Adaptor set for 1/2" inlet/outlet	CW00 0S4 40

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AUSTRIA (+43) 1-50222-1237	FRANCE (+33) 4-76-35-73-50	JAPAN <i>Tokyo</i> (+81) 3-5442-9718 <i>Kyushu</i> (+81) 92-471-8133 <i>Osaka</i> (+81) 6-6390-0594	SINGAPORE (+65) 6 745-2422
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For additional information call your nearest Mykrolis office.  
In the U.S. and Canada call toll-free:  
1-877-Mykrolis (1-877-695-7654)  
In the U.S., Canada and Puerto Rico, fax orders toll-free to:  
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