

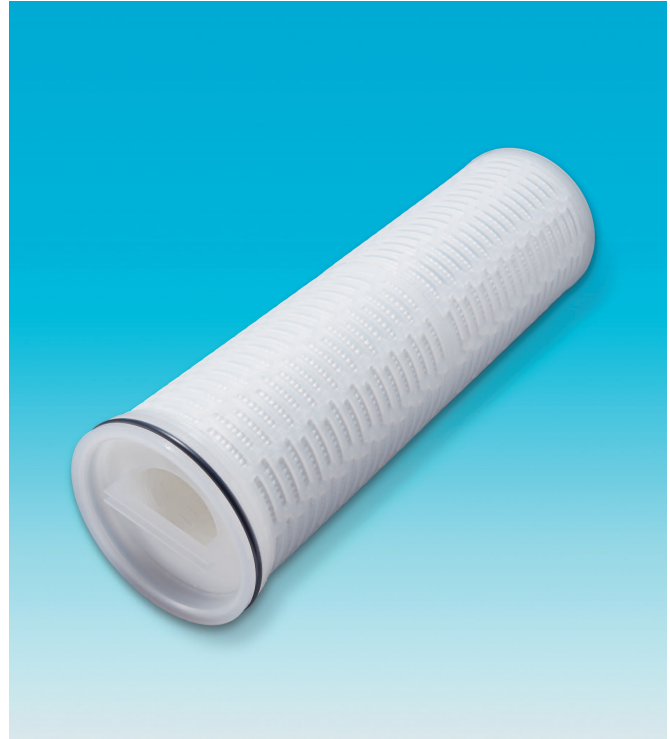
High Flow Filter For Etchant Applications

Description

The High Flow Filter is designed for TFT LCD liquid applications, such as wet etching and cleaning. Its large diameter, inside out flow path and unique, high area, pleated construction allow for a long service life.¹ The filter is very economical due to its high flow capacity. Far fewer filters are thus required, compared to standard size cartridges.

Features and Benefits

- Large filter diameter, 152 mm / 6.3 in. nominal, equates to fewer cartridges and smaller housing footprint
- Easy filter change-out
- 249 mm / 9.8 in. and 526 mm / 20.7 in. lengths available
- High area, pleated construction for low differential pressure and high dirt capacity
- PTFE medium for excellent etchant compatibility
- Long service life time
- Inside out flow pattern further enables high flow rates
- Robust design Outer Cage and Center Core



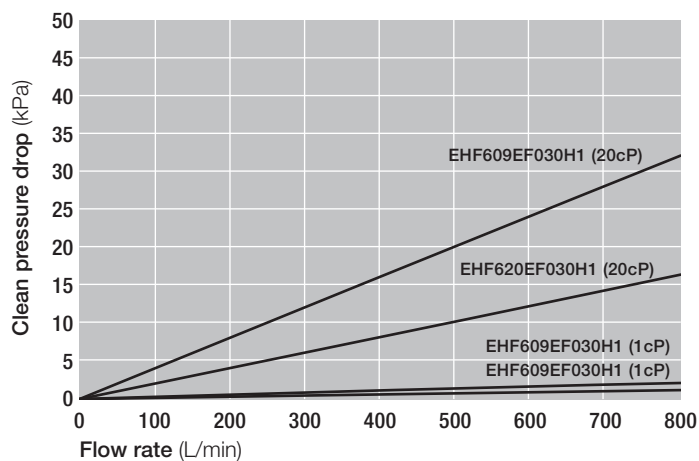
Specifications

Materials of Construction

Components	Materials
Filter Medium	PTFE
Removal Rating	3 µm
Support, drainage	Polypropylene
Support core	Polypropylene
End caps and Core	Polypropylene
O-ring	FEP encapsulated fluoroelastomer

Maximum Operating Temperature	82 °C / 180 °F
Maximum forward differential pressure	0.34 MPa @ / 50 °C 50 psi @ 122 °F
Housings	Ultripleat high flow plastic housing P / N : 1HFW - 09GF25H, 1HFW - 2GF41H (For availability of specific options and housing details, please contact your Pall Corporation representative.)

Pressure Drop vs. Liquid flow Rate (Water, 20°C)¹



¹ For liquids with viscosity differing from water, multiply the pressure drop by the viscosity in centipoise

Since etchants can vary significantly, it is recommended that the filter be tested for compatibility at the service temperature to ensure long service life.

Part Numbers / Ordering Information

EHF6 1 2 H1

Table 1

Code	Length
09	249 mm / 9 in
20	526 mm / 20 in

Table 2

Code	Removal Ratings
EF030	3 μm



Pall Corporation

Microelectronics

25 Harbor Park Drive
 Port Washington, NY 11050
 +1 800 360 7255 toll free US
 +1 516 484 3600 telephone
 +1 516 801 9711 fax
 microelectronics@pall.com

Nihon Pall Ltd.

6-5-1, Nishishinjuku,
 Shinjuku-ku
 Tokyo 163-1325 Japan
 +81 3 6901 5700 telephone
 +81 3 5322 2109 fax

Visit us on the Web at www.pall.com/micro

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