

Emflon® PF Filter (1.5 nm)



Data Sheet MEEFPFGENb

Description

The Emflon PF filter is an all fluoropolymer pleated filter designed for 1.5 nm filtration of bulk aggressive process gases.

Features & Benefits

- All fluoropolymer construction
- High temperature and pressure capabilities
- Optimized cartridge design
- High flow rates vs. differential pressure
- Low extractables
- Manufactured in a cleanroom environment
- 100% integrity tested



Specifications

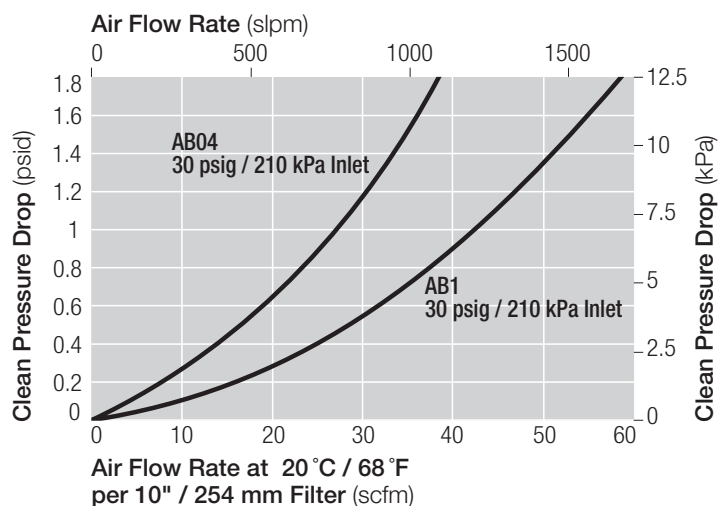
Materials of Construction

Components	Materials
Filter Medium	PTFE
Media Support	PTFE
Core, Cage and End Caps	PFA
Sealing Methods	Melt seal
O-ring	FEP encapsulated fluoroelastomer

Configurations	AB1	AB2	AB04
Nominal Filter Areas	0.56 m ² / 6 ft ²	1.1 m ² / 12 ft ²	0.24 m ² / 2.6 ft ²
Nominal Length	254 mm / 10 in	508 mm / 20 in	102 mm / 4 in
Diameter	70 mm / 2.75 in		
O-ring Size / End Caps	Code 3 (222 double O-ring / flat end) Code 15 (226 double O-ring bayonet lock / flat end)		
Removal Ratings	≥ 1.5 nm		
Maximum Operating Temperature	185 °C / 365 °F		
Maximum Forward Differential Pressure	0.69 MPa @ 50 °C / 100 psid @ 120 °F 0.41 MPa @ 110 °C / 60 psid @ 230 °F 0.24 MPa @ 170 °C / 35 psid @ 335 °F		

Pressure Drop vs. Gas Flow Rate

AB1 / AB04



Part Numbers / Ordering Information

AB 1 2 3 E 4

Table 1

Code	Cartridge Length ¹ (Nominal)
1	254 mm / 10 in
2	508 mm / 20 in
04	102 mm / 4 in

Table 3

Code	O-ring Specifications
3	AS568A-222
15	AS568A-226

¹ Other length and O-ring material options available.

Table 2

Code	Removal Ratings
F002	≥ 1.5 nm

Table 4

Code	O-ring Material ¹
H1	FEP encapsulated fluoroelastomer

Representative example part numbers

AB04F0023EH1

AB1F00215EH1

AB2F00215EH1



Microelectronics

25 Harbor Park Drive
Port Washington, NY 11050
+1 516 484 3600 telephone
+1 800 360 7255 toll free US

Nihon Pall Ltd.

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

Pall Corporation has offices and plants throughout the world. To locate the Pall office or distributor nearest you, visit www.pall.com/contact.

The information provided in this literature was reviewed for accuracy at the time of publication. Product data may be subject to change without notice. For current information consult your local Pall distributor or contact Pall directly.

IF APPLICABLE Please contact Pall Corporation to verify that the product conforms to your national legislation and/or regional regulatory requirements for water and food contact use.

© Copyright 2025, Pall Corporation. Pall, , and Emflon are trademarks of Pall Corporation.® Indicates a trademark registered in the USA.

