

## Description

The P Emflon filter is specifically recommended for bulk filtration of photoresists and chemicals that are compatible with PTFE and high density polyethylene (HDPE). In addition, it utilizes the latest advance in Pall filtration technology: the crescent shaped Ultipleat® filter configuration.

## Features & Benefits

- Wide range of configurations
- High flow rates
- Integrity testable
- Low extractables
- Optimized design
- Manufactured in a cleanroom environment
- 100% integrity tested



## Specifications

### Materials of Construction

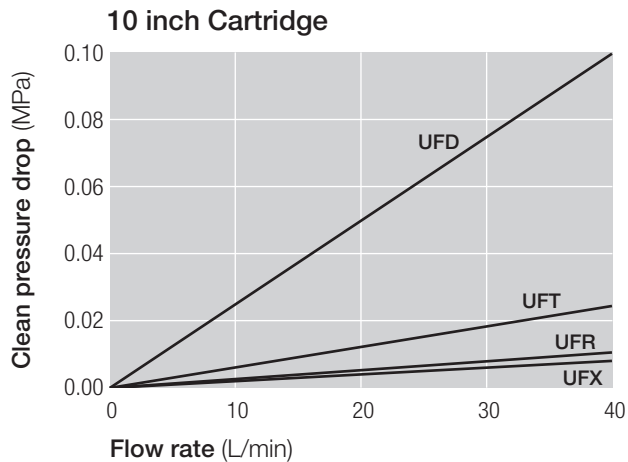
Components	Materials
Filter Medium	PTFE
Support and Drainage	High density polyethylene (HDPE)
Core and Cage	High density polyethylene (HDPE)
End Caps	High density polyethylene (HDPE)
O-ring Options	FEP Encapsulated Fluoroelastomer, Silicone, Kalrez <sup>1</sup> , Acid-proof Fluoroelastomer, EPDM

<sup>1</sup> Kalrez is a registered trademark of Dupont Dow Elasmers.

### Removal Rating and Operating Conditions

Removal Ratings	0.05 µm, 0.1 µm, 0.2 µm, 0.45 µm, 5 µm, 10 µm
Filter Configuration	ABD1
Nominal Filter Areas	1.1 m <sup>2</sup> / 12 ft <sup>2</sup>
Maximum Operation Temperature	60 °C / 140 °F
Maximum Forward / Reverse Differential Pressure	0.34 MPa @ 60 °C / 49.3 psid @ 140 °F

## Typical Flow Characteristics - 1 cP fluid, 20°C



## Part Numbers / Ordering Information

ABD 1 UF 2 3 E 4

**Table 1**

Code	Nominal Cartridge Length (L)
1	254 mm / 10 in
2	508 mm / 20 in
3	762 mm / 30 in

**Table 2**

Code	Removal Ratings
D	0.05 µm
T	0.1 µm
R	0.2 µm
X	0.45 µm
C	5 µm
E	10 µm

**Table 3**

Code	O-ring Specifications
3	AS568A-222
7	AS568A-226
8	AS568A-222

**Table 4**

Code	O-ring Materials
H1	FEP Encapsulated Fluoroelastomer
H4	Silicone
H11	Kalrez
HF	Acid-proof Fluoroelastomer
J	EPDM

### Representative example part numbers

ABD1UFE3EJ  
 ABD1UFC3EJ  
 ABD1UFR3EH1  
 ABD1UFT3EH1  
 ABD1UFT7EH1  
 ABD1UFT8EH1  
 ABD1UFD3EH1  
 ABD1UFD7EH1  
 ABD1UFD8EH1



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