

FLUOROMAX (PTFE)



Descriptions

- Fluoromax has superior flow rate and efficiency maximizing the performance of the Teflon media.
- Fluoromax is durable and effective for removing contaminants from aggressive solvents, corrosive liquids and gases.

Application

- Electronics : photo resists, wet chemical, solvents
- Pharmaceutical : Bacteria, vaccines
- High volume point-of-use filtration

Materials

Media	Hydrophilic PTFE Hydrophobic PTFE
Support/Drainage	Polypropylene / PFA
Core/Cage	Polypropylene / PFA
O-ring/Gasket	EPDM, Silicone, Viton*, TEV*

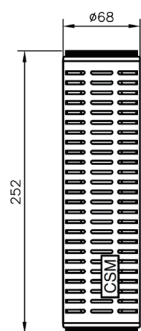
* Viton and Teflon are trademarks of DuPont

Specifications

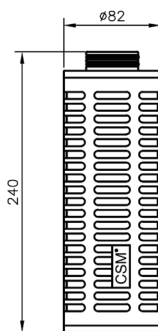
Type	H	HV	UHV
Removal Range	0.03 ~ 10.0μm		
Length [inch]	10~40	10	10
Max. Temperature	80°C (150°C - PFA Hardware)		
Max. Differential Pressure	0.3MPa @25°C		

* If you need further information on specification, please contact us

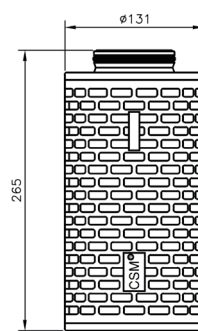
Dimensions



Standard-H



High Volume-HV



Ultra High Volume-UHV

End Cap Options



A, B



C



D



E



F



M

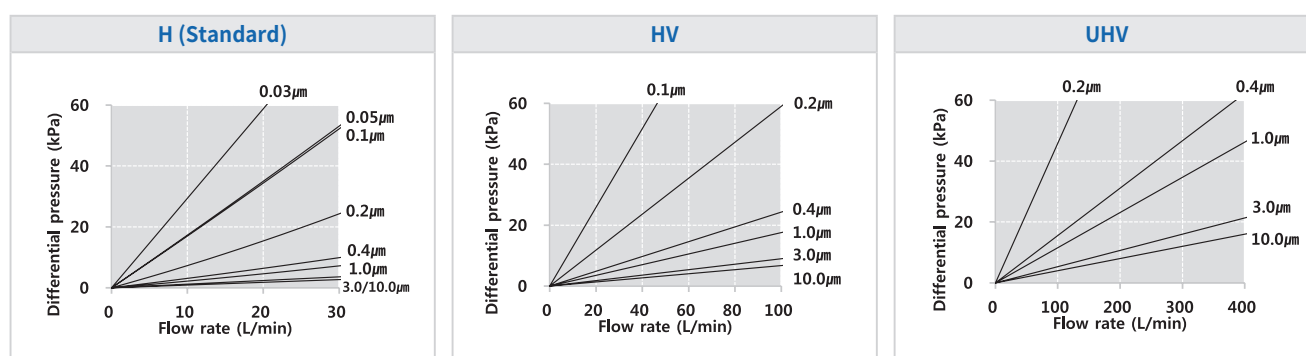
FLUOROMAX (PTFE)

TF (Hydrophobic PTFE Membrane)

Sterilizing grade filter

100% Integrity test	0.2μm : Water Intrusion test < 2.0mℓ/min at 36psi
Bacterial retention	0.2μm : 10 ⁷ CFU/cm ² Brevundimonas diminuta
Bacterial Endotoxin	< 0.25EU/mℓ
Toxicity	USP Class VI, General Safety
Sterilization	Steamed-in-place 100cycles at 142°C for 30 minutes

Pressure Drop vs Flow Rate (10" cartridge filter, Water 20°C)



Ordering Information

H (Standard)						HV						UHV								
1	HTFP	2	3	4	5	6	1	VTFP	2	3	4	5	6	1	UTFP	2	3	4	5	6

No. 1

Code	Grade
E	Electronic
P	Pharmaceutical
F	Food & Beverage
Blank	Others

No. 2

Code	Micron Rating
A3	0.03μm
A5	0.05μm
01	0.1μm
02	0.2μm
04	0.4μm
10	1.0μm
30	3.0μm
11	10.0μm

No. 3

Code	End Cap
A	250mm DOE
B	254mm DOE
C	222 O-ring / Flat
D	226 O-ring / Flat
E	222 O-ring / Fin
F	226 O-ring / Fin
M	222 O-ring / Flat
K	334 O-ring / Flat

※ HV : Only D / M code
UHV : Only K code

No. 4

Code	Length
1*	10"
2	20"
3	30"
4	40"

* HV/UHV

No. 5

Code	O-ring / Gasket
E	EPDM
S	Silicone
T	TEV
V	Viton

※ UHV : Only E/T code

No. 6

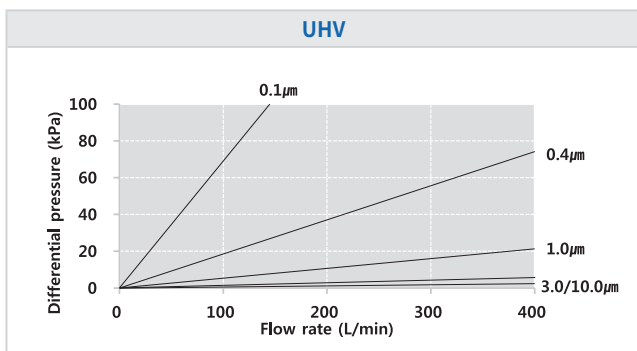
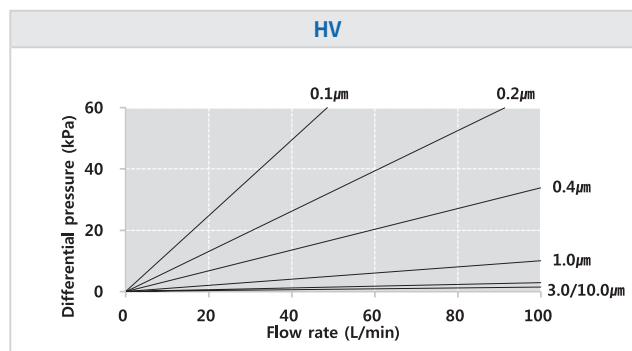
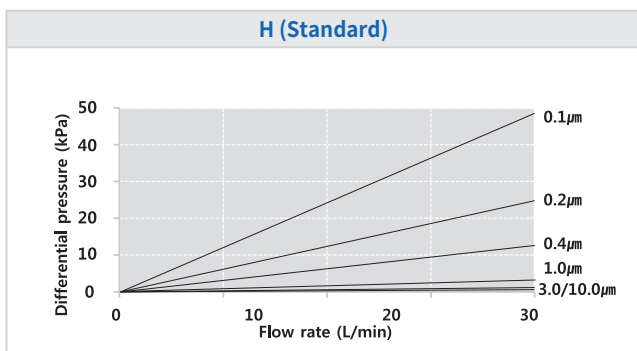
Code	Special Option
C	UPW Cleaning
S	SUS ring Insertion
V	Vacuum Package
None	None O-ring

※ H : Only C/S/V code
HV/UHV : Only C/V code

FLUOROMAX (PTFE)

TI (Hydrophilic PTFE Membrane)

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HV/UHV : Only C/V code

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UHV : Only K code