

E-FLUOROMAX (PTFE)



Descriptions

- CSM E-Fluoromax is composed of PTFE membrane and high density polyethylene (HDPE).
- It has superior flow rate and high efficiency maximizing the performance with the PTFE membrane.

Application

- Electronics : Photoresist chemical filtration
- Chemicals : Ultrapure solvent filtration

Materials

Media	Hydrophobic PTFE
Support/Drainage	High Density Polyethylene (HDPE)
Core/Cage	High Density Polyethylene (HDPE)
O-ring	TEV*

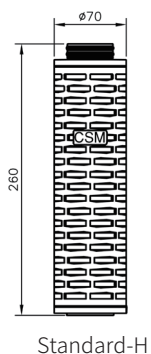
* Viton and Teflon are trademarks of DuPont

Specifications

Type	H
Removal Range	30 / 50 / 100 / 200nm
Membrane Area	1.0m ²
Length [inch]	10 / 20
Max. Temperature	60°C
Max. Differential Pressure	0.3MPa@25°C

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

Dimensions



End Cap Options

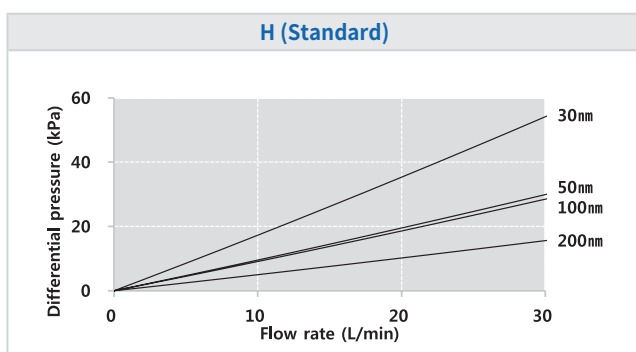


M

E-FLUOROMAX (PTFE)

TF (Hydrophobic PTFE Membrane)

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



Metal Ion Extraction Test

Solvent	Li	Na	Mg	Al	K	Ca	Cr	Mn	Fe	Ni	Cu	Zn	Ag	Cd	Sn	Ba	Pb
PGMEA ¹⁾	<1	<2	<1	<1	<2	<2	<1	<1	<1	<2	<1	<1	<1	<1	<2	<1	<2

※ Test term : 7days soaking

※ Measuring equipment : ICP-MS

1) PGMEA: Propylene glycol monomethyl ether acetate

Ordering Information

H (Standard)

1 HTFE 2 3 4 5 6

No. 1

Code	Grade
E	Electronic

No. 2

Code	Micron Rating
A3	30nm
A5	50nm
01	100nm
02	200nm

No. 3

Code	End Cap
M	222 O-ring / Flat

No. 4

Code	Length
1	10"
2	20"

No. 6

Code	Special Option
C	UPW Cleaning

No. 5

Code	O-ring
T	TEV