

FLOMAX CMP Capsule Filter



Descriptions

- Consist of CMP cartridge filter element in a heat-welded polypropylene shell
- Compact and disposable; easy replacement
- CMP capsules retain oversized slurry particles, while not altering slurry polishing characteristics
- Capsule housing is designed to optimize the flow of CMP slurry inside, while exhibiting excellent removal

Application

- POU filtration for CMP process (Ceria/silica/metal)
- Food & Beverage Clarification
- Pre filtration of Pharmaceuticals

Materials

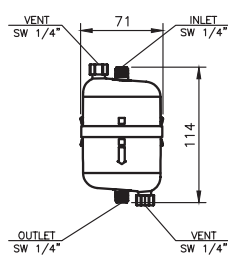
Media	Polypropylene / Borosilicate microfiber glass with acrylic binder
Support/Drainage	Polypropylene
Core/Cage	Polypropylene
Capsule	Polypropylene

Specifications

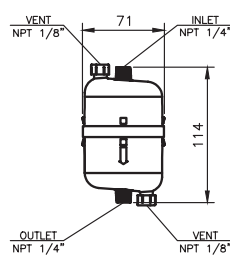
Type	Capsule
Removal Range	0.07 ~ 7.0µm
Length [inch]	4
In/Outlet	1/4" NPT, 1/4" Swagelok 1/4", 3/8" Flare
Vent/Drain	1/8" NPT, 1/4" Swagelok
Max. Temperature	80°C
Max. Differential Pressure	0.3MPa@25°C

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

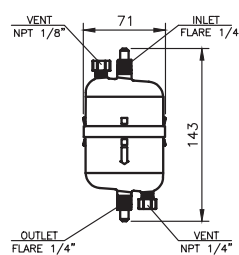
Dimensions



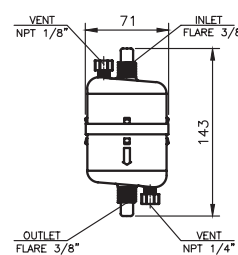
X type



V type



Y type



H type

Fitting type



X



V



Y

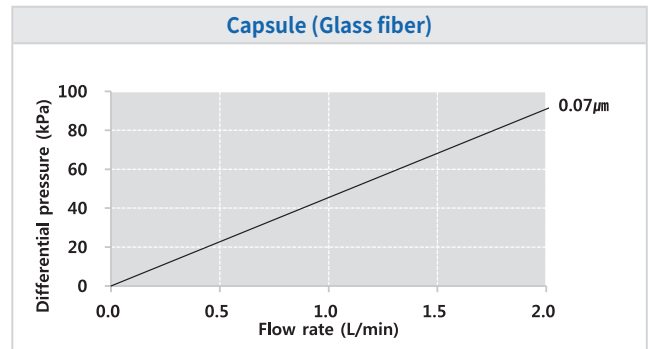
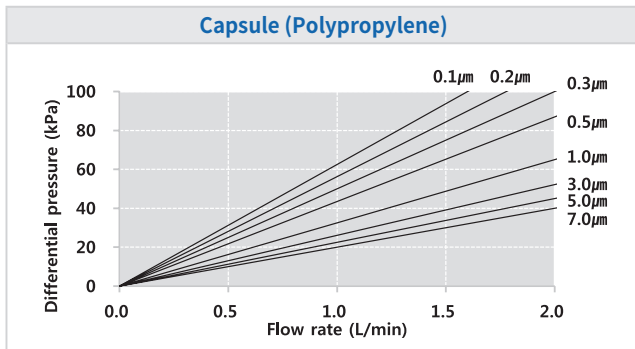


H

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PC (CMP Depth Capsule)

Pressure Drop vs Flow Rate (4" Capsule filter, Water 20°C)



Ordering Information

Capsule (Polypropylene)					Capsule (Glass fiber)						
1	CPCP	2	3	4	5	1	CGCP	2	3	4	5

No. 1

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

No. 2

Code	Micron Rating
A7	0.07µm
01	0.1µm
02	0.2µm
03	0.3µm
05	0.5µm
10	1.0µm
30	3.0µm
50	5.0µm
70	7.0µm

No. 3

Code	Fitting
X	In / Outlet - SW 1/4" Vent / Drain - SW 1/4"
V	In / Outlet - NPT 1/4" Vent / Drain - NPT 1/8"
Y	In / Outlet - Flare 1/4" Vent / Drain - NPT 1/8"
H	In / Outlet - Flare 3/8" Vent / Drain - NPT 1/8"

No. 4

Code	Length
4	4"

No. 5

Code	Capsule Type
A	Symmetric
B	Asymmetric