

# 4" Capsule Filter



## Descriptions

- Disposable pleated filter in a polypropylene shell
- Economical, no housing required
- Low filter extractables
- Compatible with most chemical solvents

## Application

- For small volume point-of-use filtration
- Designed to filter a wide range of acids, bases and solvents
- Pharmaceutical : water, bacteria, vaccines

## Materials

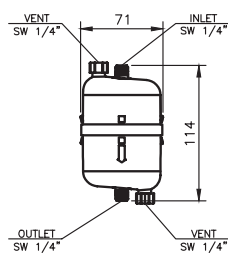
<b>Media</b>	Hydrophilic PTFE Hydrophobic PTFE Hydrophilic PES Polypropylene Borosilicate microfiber glass with acrylic binder
<b>Support/Drainage</b>	Polypropylene
<b>Core/Cage</b>	Polypropylene
<b>Capsule</b>	Polypropylene

## Specifications

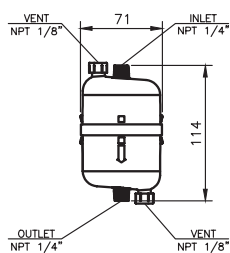
<b>Type</b>	Capsule
<b>Removal Range</b>	Refer to standard grade
<b>Length [inch]</b>	4
<b>In/Outlet</b>	1/4" NPT, 1/4" Swagelok 1/4", 3/8" Flare
<b>Vent/Drain</b>	1/8" NPT, 1/4" Swagelok
<b>Max. Temperature</b>	80°C
<b>Max. Differential Temperature</b>	0.3MPa@25°C

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

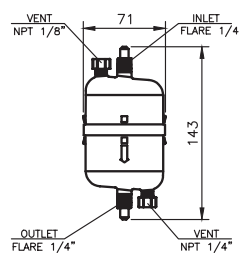
## Dimensions



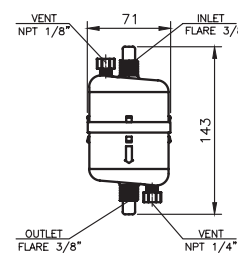
X type



V type



Y type



H type

## Fitting type



X

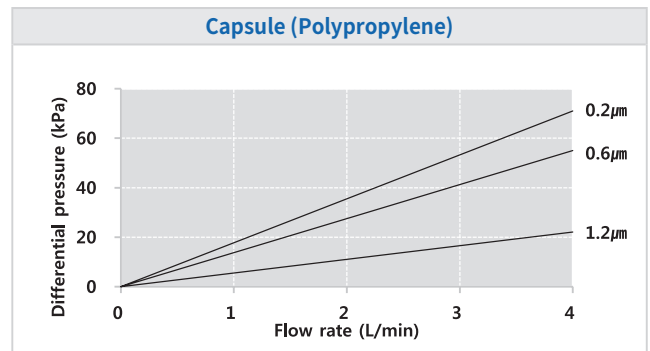
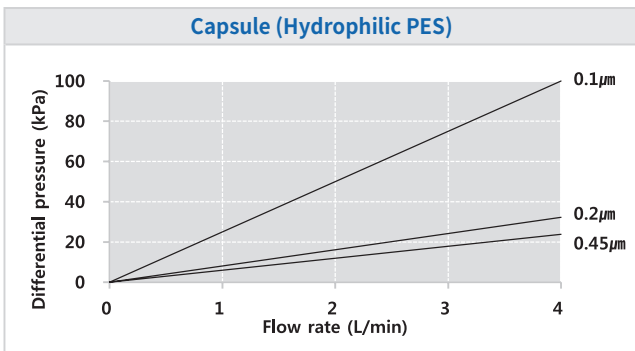
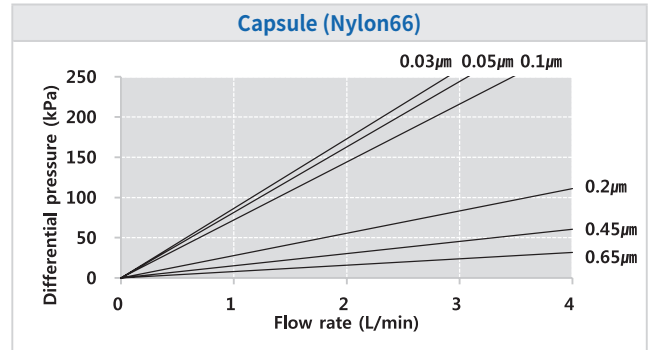
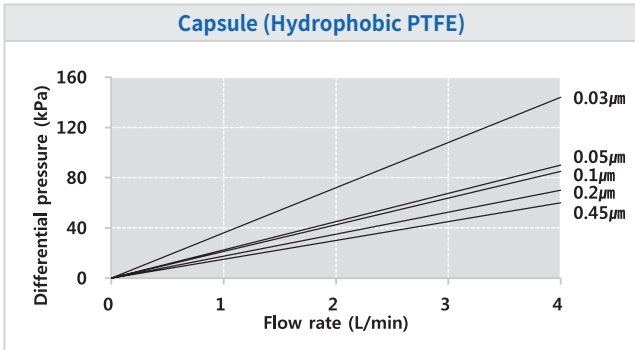
V

Y

H

# 4" Capsule Filter

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



## Ordering Information

PTFE		Nylon66		Hydrophilic PES		Polypropylene / Glass fiber																	
1	CTFP CTIP	2	3	4	5	1	CNIP	2	3	4	5	1	CSIP CSOP	2	3	4	5	1	CPOP CPLP CPIP CPDP CPGP	2	3	4	5

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	0.45µm
05	0.5µm
10	1.0µm
30	3.0µm
50	5.0µm
11	10.0µm
22	20.0µm
33	30.0µm
55	50.0µm

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