

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

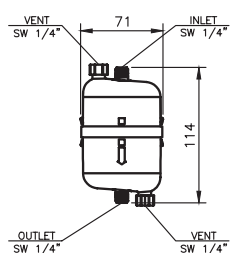
Media	Hydrophilic PTFE Hydrophobic PTFE Hydrophilic PES Polypropylene Borosilicate microfiber glass with acrylic binder
Support/Drainage	Polypropylene
Core/Cage	Polypropylene
Capsule	Polypropylene

Specifications

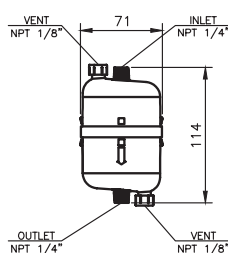
Type	Capsule
Removal Range	Refer to standard grade
Length [inch]	4
In/Outlet	1/4" NPT, 1/4" Swagelok 1/4", 3/8" Flare
Vent/Drain	1/8" NPT, 1/4" Swagelok
Max. Temperature	80°C
Max. Differential Pressure	0.3MPa@25°C

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

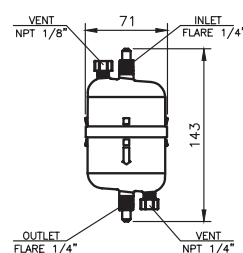
Dimensions



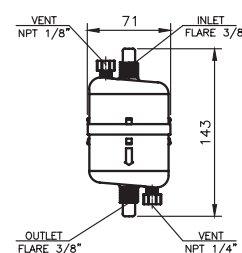
X type



V type



Y type



H type

Fitting type



X



V



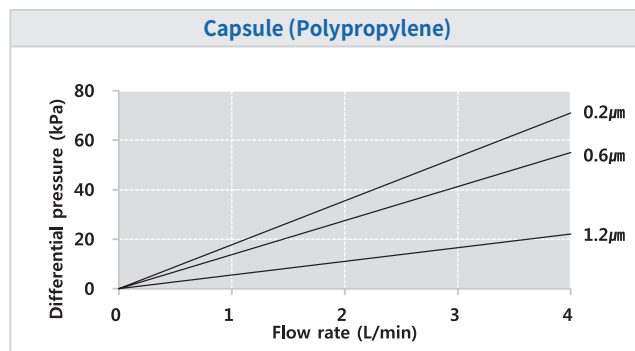
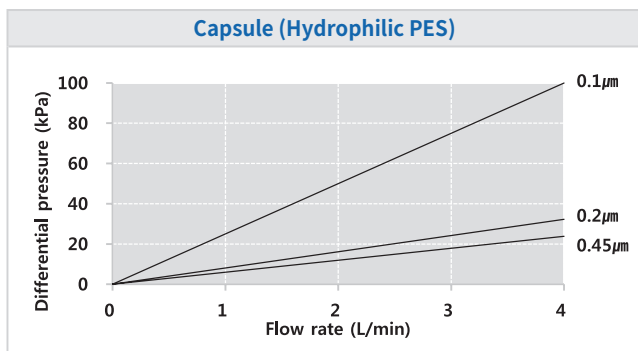
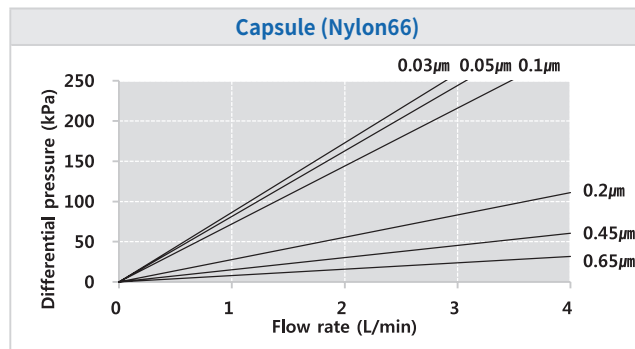
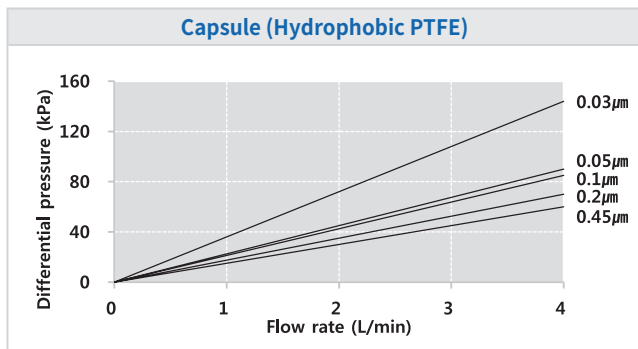
Y



H

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