

ULTICAP Filter



Descriptions

- Disposable pleated filter in a polypropylene shell
- Replace is simple by using the Sanitary Ferrule 1S Clamp
- The space can be minimized since capsule serves as the housing.

Application

- Sterile filtration : Bio-process, SVP, LVP, WFI, Cosmetics, API, Air vent
- Coating applications
- Paint, inks and pastes filtration
- Slurry filtration
- F&B : Mineral Water, Beverage, Winery, Brewery

Materials

Media	Polypropylene Nylon66 / PES / PTFE
Support/Drainage	Polypropylene
Core/Cage	Polypropylene
Capsule	Polypropylene
Vent Valve	Polypropylene
Vent O-ring	EPDM / Silicon / Viton*

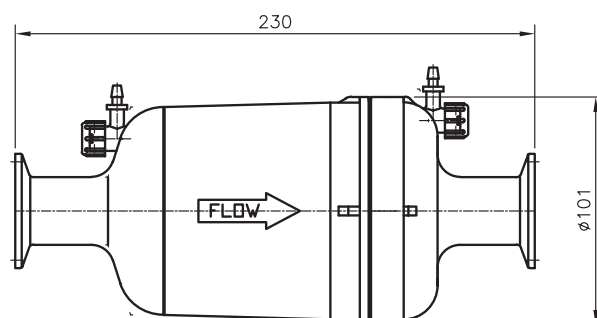
* Viton and Teflon are trademarks of DuPont

Specifications

Type	High Performance Capsule
Removal Range	Refer to standard grade
Length [inch]	5
IN / OUT	Sanitary Ferrule 1S Clamp
Air vent/Drain	1/4" Hose Barb
Max. Temperature	80°C
Max. Pressure	5.0bar @ 25°C

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

Dimensions

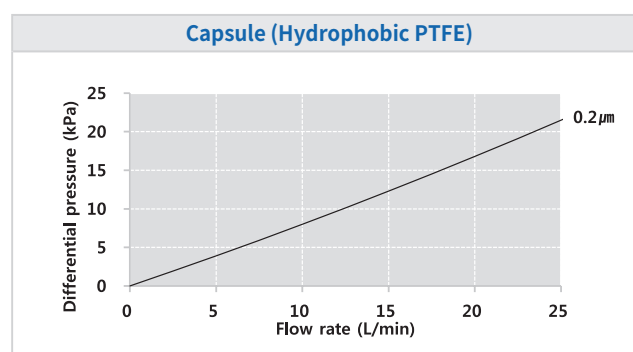
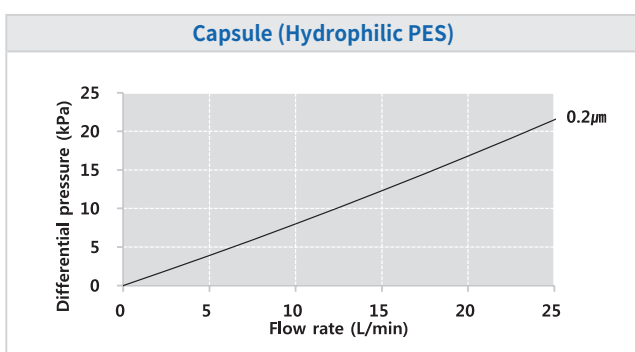


ULTICAP Filter

Sterilizing grade filter

100% Integrity test	PES 0.2μm membrane : Bubble point > 40psi PTFE 0.2μm membrane : Water Intrusion test < 1.0mℓ/min at 36psi
Bacterial retention	10 ⁷ CFU/cm ³ Brevundimonas diminuta
Bacterial Endotoxin	< 0.25EU/mℓ
Toxicity	USP Class VI, General Safety
Sterilization	3 Autoclave cycle of 30min / 134°C

Pressure Drop vs Flow Rate (ULTICAP, Water 20°C)



Ordering Information

Hydrophilic PES							Hydrophobic PTFE																											
1		FSIP		2	3	4	5	6	1		FTFP		2	3	4	5	6	1		FTFM		2	3	4	5	6								
※ Effective Area : 0.4㎡							※ Effective Area : 0.4㎡							※ Effective Area : 0.2㎡																				
No. 1							No. 2							No. 3							No. 4							No. 6						
Code		Grade					Code		Micron Rating					Code		Fitting					Code		Length					Code		Special Option				
E		Electronic					02		0.2μm					U		Sanitary Ferrule 1S Clamp					5		5"					V		Vacuum Package				
P		Pharmaceutical																																
F		Food & Beverage																																
Blank		Others																																
																					No. 5													