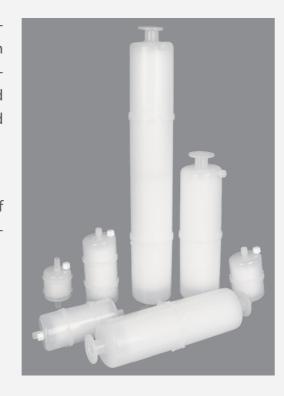
CLARIFICATION FILTRATION SERIES

PPA High Flow-rate Capsule Filter

DESCRIPTION

PPA series PP pleated capsule filter is made of polypropylene microfiber. It has a gradient pore size and a high strength support, which makes the filter has the characteristics of high retention efficiency and high flow rates, and is especially suitable for clarification filtration of liquid and pre-filtration of gas.

PPA series capsule filter is available in a wide range of removal ratings and in a wide range of cages and connections to meet the needs of different applications.



FEATURES

- ☆ Excellent chemical compatibility
- ☆ High particle retention efficiency
- ☆ Longer service life and lower cost
- ☆ Various cages and connections are available

APPLICATIONS

- ☆ Clarification filtration of cell culture medium
- ☆ Clarification filtration of fermentation broth/cell culture medium
- ☆ Pre-filtration of serums/blood products
- ☆ Pre-filtration of gas sterilization
- ☆ Filtration of colloidal products

TECHNICAL PARAMETERS

Materials of Construction	Filter Membrane	PP					
	Support/Drainage	PP					
	Core/Cage/End Cap	PP					
	Capsule Shell	PP					
Removal Ratings	0.20μm、0.30μm、0.45μm、0.65μm、1.0μm、3.0μm、 5.0μm、10.0μm、20.0μm、30.0μm、50.0μm、70.0μm						
Filtration Area	C80/ C150 / C300 C605/C610 / C620/C630	500cm ² /1000cm ² /2100cm ² 3000cm ² /6000cm ² /12000cm ² /18000cm ²					
Filter Dimensions	Diameter of Inner Filter Cartridge	C80/ C150 / C300 C605/C610 / C620/C630	56mm 68mm				
	Diameter of the Shell	C80/ C150 / C300 C605/C610 / C620/C630	72±2mm 108±2mm				
Biological Safety	Bio-compatibility	Meet USP <87> in vitro Cytotoxicity Test Meet the criteria of the USP <88> Biological Reactivity Test for Class VI-121°C plastics					
	Endotoxins	<0.25EU/ml					

ORDERING INFORMATION

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	C80	N2	F	PA	C)10		
			_					
5th 0 1004	Capsule Filter Siz	e Inlet	t/Outlet	Mat	erial	Removal Ratings	Steriliz	zation
FilterPod PPA ·- Series	C80	N2	1/4" NPT	PPA Polyr		020 0.20μm	Blank G	Non-sterile
	C150	N3	3/8" NPT		Polypro-	030 0.30μm		
	C300	N4	1/2" NPT		pylene	045 0.45μm		γ -irradiatab
		NF2	1/4" FNPT			050 0.50μm		
		NF3	3/8" FNPT			065 0.65μm		
		NF4	1/2" FNPT			100 1.0μm		
		H2M	1/4" Multiple Hosebarb			300 3.0μm		
		НЗМ	3/8" Multiple Hosebarb			500 5.0μm		
		Н3	3/8" Hosebarb			H10 10.0μm		
		H4	1/2" Hosebarb			H20 20.0μm		
		HC	1/4"-3/8" Stepped Hosebarb			H30 30.0μm		
		TCA	1 1/2" Tri-clamp&1" Tri-clamp			H50 50.0µm		
			(50.5mm)			H70 70μm		
		TCB	1/2" Tri-clamp&3/4" Tri-clamp	,				
			(25.4mm)					
MedCap PPA ·- Series	C605	TCA	1 1/2" Tri-clamp					
	C610							
	C620							
								0.4
	C630							0.4

This ordering information is a guide for selecting filter element specifications. For other special connections or installation details, please contact MS.

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