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	500cm²/ 1000cm²/2100cm² 3000cm²/6000cm²/12000cm²/18000cm²
Filter Dimensions	Diameter of Inner Filter Cartridge	C80/ C150 / C300 56mm C605/C610 / C620/C630 68mm
	Diameter of the Shell	C80/ C150 / C300 72±2mm C605/C610 / C620/C630 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

	C80	N2	PPA	010	
	Capsule Filter Size	Inlet/Outlet	Material	Removal Ratings	Sterilization
FilterPod PPA Series	C80 C150 C300	N2 1/4″ NPT N3 3/8″ NPT N4 1/2″ NPT NF2 1/4″ FNPT NF3 3/8″ FNPT NF4 1/2″ FNPT H2M 1/4″ Multiple Hosebarb H3M 3/8″ Multiple Hosebarb H3 3/8″ Hosebarb H4 1/2″ Hosebarb HC 1/4"-3/8" Stepped Hosebarb TCA 1 1/2" Tri-clamp&1" Tri-clamp (50.5mm) TCB 1/2" Tri-clamp&3/4" Tri-clamp (25.4mm)	PPA Polypropylene	020 0.20μm 030 0.30μm 045 0.45μm 050 0.50μm 065 0.65μm 100 1.0μm 300 3.0μm 500 5.0μm H10 10.0μm H20 20.0μm H30 30.0μm H50 50.0μm H70 70μm	Blank Non-sterile G γ -irradiatable
MedCap PPA Series	C605 C610 C620 C630	TCA 1 1/2" Tri-clamp			

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