PRE-FILTRATION AND REDUCE BIOLOGICAL LOAD SERIES

SP High Flow-rate and Long Service Life Capsule Filter

DESCRIPTION

SP series capsule filter is made of asymmetric PES membrane, which can provide stable and reliable filtration performance of sterilization and particle removal. Its removal ratings of typical bacteria in the industry have been verified by batches, which can effectively reduce the microbial load level of the filtrate, and is especially suitable for the filtration of biomedical liquid where the microbial limit needs to be controlled at a low level.



SP series capsule filter is available in a wide range of cages and connections to meet the needs of different applications, widely used in bio-pharmacy and food and beverage.

FEATURES

- ☆ Asymmetric PES membrane
- ☆ Very low protein non-specific binding
- ☆ Hot melt welding, without any adhesive
- ☆ Various cages and connections are available

APPLICATIONS

- ☆ Filtration of water for injection, cleaning solution, purified water, deionized water
- ☆ Filtration of LVP, APIs, buffers, eye drops, disinfectants, etc.
- ☆ Filtration of vaccines, serums, biological products, antibiotic water-based liquid, etc.
- ☆ Filtration of red wine, beer, juice and purified water

TECHNICAL PARAMETERS

Materials of Construction	Filter Membrane	PES
	Support/Drainage	PP
	Core/Cage/End Cap	PP
	Capsule Shell	PP
Removal Ratings	0.10μm、0.20μm、0.45μm、0.65μm、0.80μm、1.0μm、3.0μm、5.0μm、10.0μm	
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		PES	010	
	Capsule Filter Size	Inlet/Outlet		Material	Removal Ratings	Sterilization
FilterPod SP 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)		PES Polyether -sulphone	010 0.10μm 020 0.20m 045 0.45μm 065 0.65μm 080 0.80μm 100 1.0μm 300 3.0μm 500 5.0μm H10 10μm	Blank Non-sterile G γ -irradiatable
MedCap SP 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.