EFFICIENT STERILE REMOVAL SERIES

SPD Sterile-Grade Capsule Filter with Higher Removal Efficiency

DESCRIPTION

SPD series is is made of double-layer asymmetric PES membrane. The double-layer sterile-grade membrane provides a higher level of sterilization protection. It is suitable for harsh sterile terminal filtration. It has passed the batch verification of typical bacterial removal grade in the industry, and its sterilization ability LRV＞7.



SPD series capsule filter is available in a wide range of cages and connections, and can provide double-layer PES filter membrane. The double-layer filter membrane can provide a higher removal efficiency with reliable sterilization ability of the filter cartridge through special design.

FEATURES

- ☆ Strong chemical compatibility
- ☆ High flux, low protein binding
- ☆ Proven sterile-grade filter cartridge
- ☆ Higher protection ability of sterilization
- ☆ Various cages and connections are available

APPLICATIONS

- ☆ Sterilization filtration of water for injection, cleaning solution, purified water, deionized water
- ☆ Sterilization filtration of LVP, APIs, buffers, eye drops, disinfectants, etc.
- ☆ Sterilization 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	Double layer PES	
	Support/Drainage	PP	
	Core/Cage/End Cap	PP	
	Capsule Shell	PP	
Removal Ratings	0.10+0.10μm、0.20+0.20μm、0.45+0.45μm		
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 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

	C80	N2	PESD	010	
	Capsule Filter Size	Inlet/Outlet	Material	Removal Ratings	Sterilization
FilterPod SPD 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)	PESD Polyether -sulphone	010 0.10+0.10μm 020 0.20+0.2μm 045 0.45+0.45μm	Blank Non-sterile G γ -irradiatable
MedCap SPD 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.