PRE-FILTRATION AND REDUCE BIOLOGICAL LOAD SERIES

PN Hydrophilic Capsule Filter

DESCRIPTION

PN series capsule filter is made of hydrophilic nylon66 membrane, which has excellent chemical compatibility and mechanical strength, and can provide stable and reliable filtration performance of sterilization and particle removal. Its removal ratings for typical bacteria in the industry have been verified by batches and can effectively reduce the microbial load level of the filtrate.



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

FEATURES

- ☆ Inherently hydrophilic, easy to wet
- ☆ Extensive chemical compatibility, tolerance of organic solvents
- ☆ Low differential pressure, high flux, long service life
- ☆ Various cages and connections are available

APPLICATIONS

- ☆ Filtration of sterile APIs and antibiotic solutions, etc.
- ☆ Filtration of alcohol, soft drinks, pure water, etc.
- ☆ Filtration of high purity chemicals and organic solvents
- ☆ Filtration of physiological saline, reagent water, etc.
- ☆ Filtration of SVP, LVP, etc.

TECHNICAL PARAMETERS

Materials of Construction	Filter Membrane	Nylon 66
	Support/Drainage	PP
	Core/Cage/End Cap	PP
	Capsule Shell	PP
Removal Ratings	0.10μm、0.20μm、0.45μm、0.80μm、1.0μm、5.0μm、	
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 | NY | 010 | _____

	Capsule Filter Size	Inlet/Outlet	Material	Removal Ratings	Sterilization
FilterPod PN 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)	NY Nylon 66	010 0.10μm 020 0.20m 045 0.45μm 080 0.80μm 100 1.0μm 500 5.0μm	Blank Non-sterile G γ -irradiatable
MedCap PN 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.