CLARIFICATION FILTRATION SERIES

GF High Retention Efficiency Capsule Filter

DESCRIPTION

GF series pleated capsule filter is designed to provide good protection for downstream filters. The glass microfiber layer has a unique three-dimensional structure, which can provide high dirt holding capacity and high retention efficiency. GF filter is suitable for intercepting colloidal substances from high-load and high-viscosity fluids and intercepting impurity particles in gases.

GF 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

- ☆ Composed of super-fine glass fiber media
- ☆ High dirt holding capacity and high retention efficiency
- ☆ Low initial pressure, high flow rates, long service life
- ☆ Various cages and connections are available

APPLICATIONS

- ☆ 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	GF	
	Support/Drainage	PP	
	Core/Cage/End Cap	PP	
	Capsule Shell	PP	
Removal Ratings	0.45μm、1.0μm、3.0μm、5.0μm、10.0μm、20.0μm、		
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 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	GF	010
	Capsule Filter Size	Inlet/Outlet	Material	Removal Ratings
FilterPod GF 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)	GF Glass Fibre	045 0.45μm 100 1.0μm 300 3.0μm 500 5.0μm H10 10.0μm H20 20.0μm
MedCap GF 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.