

PTFE filter cartridge (HPF)

HPF PTFE filter cartridge make with hydrophilic PTFE membranes are available in filter ratings of 0.05 μm to 1.0 μm. The membrane material is highly porous and features a homogenous pore distribution. All construction support, adapter and end cap components are made of polypropylene and are thermally connected to the PTFE Membrane in clean rooms without the use of additives or surface-active substances. hydrophilic membrane.FDA certified, integrity test approved,can be sterilised , preflushed . Low albumen and micro organism absorption.

Features and Benefits:

hydrophilic membrane without pre-wetting
Strong acid and strong alkali resistance with excellent chemical compatibility
Unique micro pore structure for high flow rate No fiber migration with ultra pure water washing Filter Cartridge 100% pass integrity tested **Technical data**

Size :

OD: φ69mm
ID: φ33mm
Length : 2.5" , 10" , 20" , 30" , 40"

Composition :

Filter media: Hydrophilic polytetrafluoroethylene membrane
Support/drain layers: Polypropylene
Cage support /Adaptor:Polypropylene
core support:Polypropylene/SUS
Sealing compound:Silicone , EPDM , NBR , Viton , PTFE ,
Viton coated with PTFE

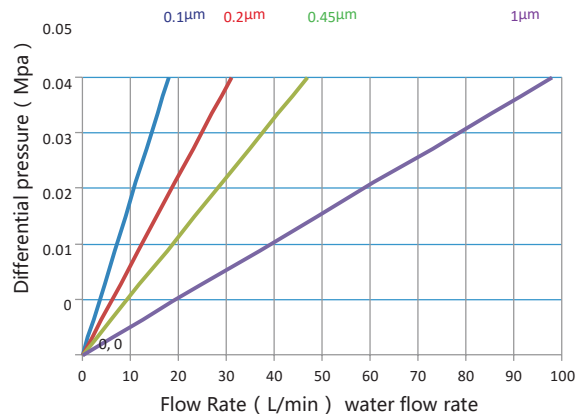
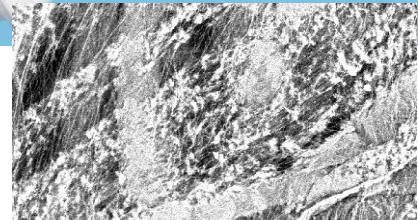
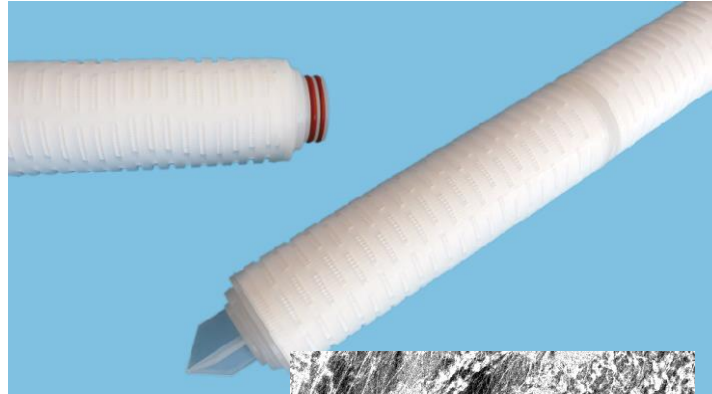
Feature:

PH:1-14
Max Temperature:90°C
Max Pressure difference: 0.42Mpa/25°C , 0.1Mpa/80°C

Application:

Fibrinolytic enzyme and liquid filtration

Aggressive acids, bases and solvents
High temperature deionized water filtration
Corrosive liquid filtration
Strong oxidizing liquid filtration, mineral water, pure water, etc.



Order Information

Name	Micron	Adapter	Length	Sealing Materials	Core support
HPF	010=0.1μm	DOE=DOE	5=5in	S= Silicone	P=Polypropylene
	020=0.2μm	TF=222/PIN	10=10in	E=EPDM	G=SUS
	045=0.45μm	SF=226/PIN	20=20in	N=NBR	
	1=1μm	TC=222/Cap	30=30in	V=Viton	
		SC=226/Cap	40=40in	T=PTFE	
		GSF=226SUS/PIN		F=Viton coated with PTFE	
		GTF=222SUS/PIN			