

Фильтры со складчатым картриджем СР

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Pleated Cartridge Filter

Microlab Cartridge filters are simply quality filters, well packed, and offered at a fair and competitive price. Each filter is finished integrity test before selling. The Classic range is available in all of the major membranes including PP, PTFE, PES, MCE, Nylon, GF, PFA, and PVDF which comes in various sizes for filtration big volumes solutions.

Technical Specification

Selection Guider	Application
Nylon66 Series filter cartridge is constructed of nylon66 media and nonwoven support materials. The adaptors are thermally welded without the use of glues or adhesive to prevent any possibility of pollution. The filters are produced in clean room and 100% integrity tested and flushed with ultrapure water	1. Wine, beer, mineral water, pure water filtration. 2. Solvents filtration 3. Fine chemical 4. Ultrapure water 5. Digital inks
Hydrophobic PTFE Series filter cartridge is constructed of hydrophobic PTFE membrane which has excellent chemical compatibility and corrosion resistance. This filter cartridge is suitable for the filtration to liquids and gases with strongly aggressive and oxidative.	1. Compressed air, CO2Line Sterile filtration 2. Tank Vent 3. Aggressive acids, bases, solvents
Hydrophilic PTFE Series filter cartridge is constructed of hydrophilic PTFE membrane which has excellent chemical compatibility and corrosion resistance. The membrane is hydrophilic which can filter the liquid directly without pre-wetting to save the operation time.	1. Mineral water, purified water, ozone, strong, oxidizing liquid filtration 1. High temperature liquids filtration 2. Strong alkali, acids, corrosive liquids filtration
Hydrophilic PVDF Series filter cartridge is constructed of hydrophilic PVDF microporous membrane with excellent resistance to high temperature and corrosion resistance, no fiber shedding. Filter media has good hydrophilicity, no need to do a pre-wetting treatment before filling water solutions.	1. Oil & Chemical 2. Ophthalmics, WFI 3. Tissue Culture Media and Media additives 4. Strong Alkaline, acids solvents
PES Series cartridge filter is constructed of imported hydrophilic asymmetric PES membrane and imported non-woven fabrics and silk netting as support and then pleated. The cage, PP core and end cap are thermally welded with media without using any glue. All cartridges are manufactured and assembled in a cleanroom environment. 100% of the cartridges are integrity tested and flushed with EDI pure water. It is suitable for filtering weak acid/alkali based liquid and ultra-pure water.	1. Mineral water, Wine, beer and other Beverages. 2. Ultrapure Water 3. Chemicals 4. API, LPV, blood serum, biological, Buffers and other pharmaceuticals
PP pleated filter cartridge is constructed of high-performance polypropylene filter media that got technological breakthrough type sub-micro level. The pores of the material are uniformly distributed. The construction is designed scientifically which makes the filter cartridge got a high flow rate. This allows users can filter the particles in liquid quickly and efficiently and save the cost.	1. Ink 2. Oil & Chemical 3. Plating 4. Semi-Conductor 5. Food&beverage 6. Industrial Water Treatment
MCE Pleated Filter cartridge is constructed of CN-CA Membrane filter media	

PFA Series filter cartridges are constructed of PTFE absolute-rated membrane, PTFE support netting, and ultra-pure PFA hardware. This presents a filter cartridge with excellent chemical compatibility, corrosion resistance, and low extractions to ensure high-efficiency filtration and long service life with chemicals.	Machinery & Equipment
Glass Fiber series	
Big pleated filter cartridge is designed for the filtration of the manufacture wetting process in the flat panel display. It has a larger filtration area and a higher flow rate. 83 series can meet the 5=6 grade line which has a requirement of 120 L/min flow rate, 131 series can meet the 7=10 grade line which has requirement of 250 L/Min flow rate.	Industrial Water Treatment I. Water Acids Semiconductor

SPEC.

Dimension	ø69mm	ø83mm	ø131mm
Filtration Area	0.6m ² /10"	1.45m ² /10"	2.3m ² /10"
Length	10", 20", 30", 40"		
The material of constructions	Filter media: Nylon66 , PTFE, PTFE/L, PVDF/L, PES, PVDF/B, GF,PP		
	Support Layer: PP		
	Cage/End cap: PP		
	Core:PP, SS		
Connection type	Sealing: S=Silicone, E=EPDM, B=NBR, T=Teflon, V=Viton, E=FKM		
	F=DOE, H=213/Flat, J=222/Flat/ss, K=222/Fin/ss, M=222/Flat, P=222/Fin, Q=226/Fin, T=226/Flat, R=226/Flat/ss, V=226/Fin/ss ,		
Operation conditions	[Max. Operating Temperature]: 80°C [Max. Operating DP]:4 bar@ 21°C,2.4 bar @80°C.		



Code F



Code H



Code J



Code K



Code M



Code P



Code Q



Code R



Code T



Code V

Order Information

For example "CPNY010Q10SP"

Nylon Cartridge Filter, OD 69mm, Length 10", 0.1um, 226/Fin, Silicone O-ring, pp core.

Series	Filter Media	Removal Rating	End Cap Type	Length	Sealing Material	Core
CP=69mm CP1=83mm CP2=131mm	NY=Nylon66	010=0.1µm	F=DOE	5=5"	S	P=PP Core
	PTB=PTFE	022=0.22µm	H=213/Flat	10=10"	E	S=SS Core
	PTL=PTFE/L	045=0.45µm	J=222/Flat/SS	20=20"	B	
	PVB=PVDF	10=1.0µm	K=222/Fin/SS	30=30"	V	
	PVL=PVDF/L	30=3.0µm	M=222/Flat	40=40"	T	
	PES=PES	50=5.0µm	P=222/Fin		F	
	PP=PP	100=10µm	Q=226/Fin			
	GF=Glass Fiber		T=226/Flat			
	PFA		R=226/Fin/SS			
			V=226/Flat/SS			

Pleated Cartridge Filter

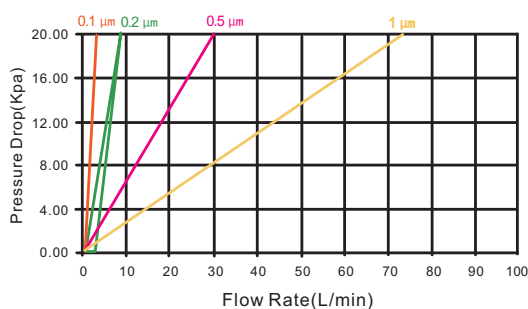


Introduction

Nylon66 Series filter cartridge is constructed of nylon6 media and nonwoven support materials. The adaptors are thermally welded without the use of glues or adhesive to prevent any possibility of pollution. The filters are produced in clean room and 100% integrity tested and flushed with ultrapure water.

Application :

- ▶ Coatings.
- ▶ Plating.
- ▶ Machinery & Equipment.



Product specification

Dimension	[OD]: Φ 69mm [Length]: 10", 20", 30", 40"
Material Of Constructions	[Media]: Nylon 66 [Support]: PP [Cage/Core/End cap]: PP [Sealing]: Silicone, EPDM, NBR, Viton, Teflon, E-FKM
Performance	[Max. Operating temperature]: 80°C [Max. Operating DP]: 4 bar@ 21°C 2.4 bar@ 80°C

Ordering Information

CPNY01N10SP

Removal Rating	End cap type	Length	Seal Material	Core
01=0.1µm 022=0.22µm 045=0.45µm 1=1µm	F=DOE H=213/Flat J=222/Flat/ss K=222/Fin/ss M=222/Flat P=222/Fin Q=226/Fin T=226/Flat R=226/Flat/ss V=226/Flat/ss	10=10" 20=20" 30=30" 40=40"	S=Silicone E=EPDM B=NBR V=Viton T=Teflon F=E-FKM	P=PP core S=SS core

Pleated Cartridge Filter

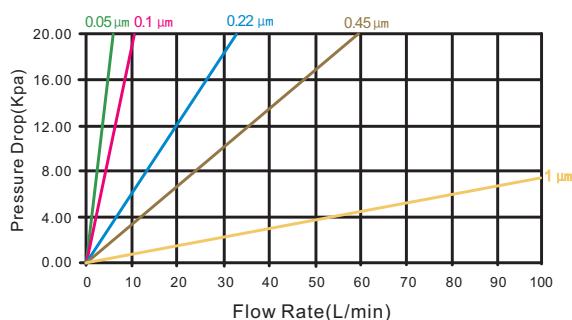


Introduction

Hydrophobic PTFE Series Filter Cartridge is constructed of hydrophobic PTFE membrane which has excellent chemical compatibility and corrosion resistance. This filter cartridge is suitable for the filtration of liquids and gases with strongly aggressive and oxidative.

Application:

- Coatings.
- Plating.
- Machinery & Equipment.



Product specification

Dimension	[OD]: Φ 69mm [Length]: 10", 20", 30", 40"
Material Of Constructions	[Media]: Hydrophobic PTFE Membrane [Support]: PP [Cage/Core/End cap]: PP [Sealing]: Silicone, EPDM, NBR, Viton, Teflon, E-FKM
Performance	[Max. Operating temperature]: 80°C [Max. Operating DP]: 4 bar@ 21°C 2.4 bar@ 80°C

Ordering Information

CPPTB01N10SP

Removal Rating	End cap type	Length	Seal Material	Core
005=0.05µm 01=0.1µm 022=0.22µm 045=0.45µm 1=1µm	F=DOE H=213/Flat J=222/Flat/ss K=222/Fin/ss M=222/Flat P=222/Fin Q=226/Fin T=226/Flat R=226/Flat/ss V=226/Flat/ss	10=10" 20=20" 30=30" 40=40"	S=Silicone E=EPDM B=NBR V=Viton T=Teflon F=E-FKM	P=PP core S=SS core

Industrial
Product

Pleated Cartridge Filter

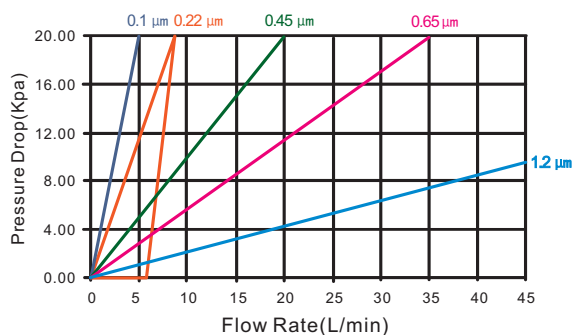


Introduction

Hydrophilic PVDF Series Filter Cartridge is constructed of hydrophilic PVDF microporous membrane with excellent resistance to high temperature and corrosion resistance, no fibre shedding. Filter media has good hydrophilicity, no need to do pre wetting treatment before filtering water solutions.

Application :

► Oil & Chemical.



Product specification

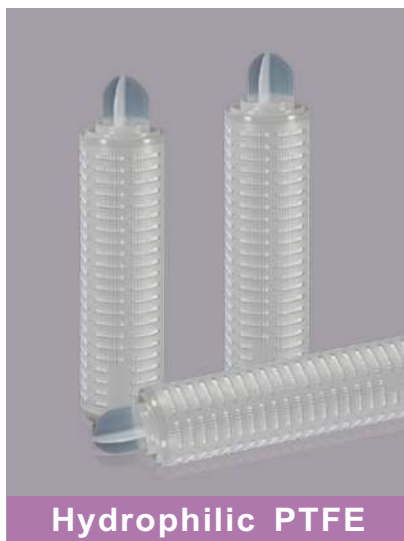
Dimension	[OD]: Φ 69mm [Length]: 10", 20", 30", 40"
Material Of Constructions	[Media]: Hydrophilic PVDF Membrane [Support]: PP [Cage/Core/End cap]: PP [Sealing]: Silicone, EPDM, NBR, Viton, Teflon, E-FKM
Performance	[Max. Operating temperature]: 80°C [Max. Operating DP]: 4 bar@ 21°C 2.4 bar@ 80°C

Ordering Information

CPPVL01F10SP

Removal Rating	End cap type	Length	Seal Material	Core
01=0.1µm 022=0.22µm 045=0.45µm 065=0.65µm 08=0.8µm 12=1.2µm	F=DOE H=213/Flat J=222/Flat/ss K=222/Fin/ss M=222/Flat P=222/Fin Q=226/Fin T=226/Flat R=226/Flat/ss V=226/Flat/ss	10=10" 20=20" 30=30" 40=40"	S=Silicone E=EPDM B=NBR V=Viton T=Teflon F=E-FKM	P=PP core S=SS core

Pleated Cartridge Filter

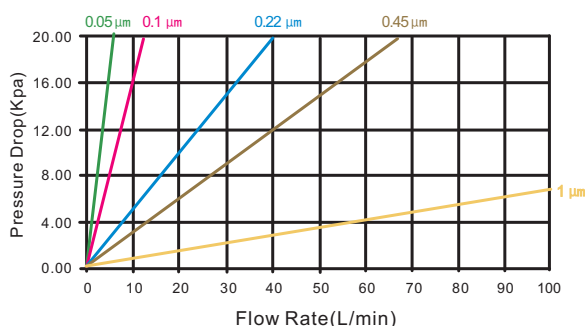


Introduction

Hydrophilic PTFE Series filter cartridge is constructed of hydrophilic PTFE membrane which has excellent chemical compatibility and corrosion resistance. The membrane is hydrophilic which can filter the liquid directly without pre-wetting to save the operation time.

Application :

- ▶ Plating.
- ▶ Machinery & Equipment.



Product specification

Dimension	[OD]: Φ 69mm
	[Length]: 10", 20", 30", 40"
Material Of Constructions	[Media]: Hydrophilic PTFE membrane
	[Support]: PP
	[Cage/Core/End cap]: PP
	[Sealing]: Silicone, EPDM, NBR, Viton, Teflon, E-FKM
Performance	[Max. Operating temperature]: 80°C
	[Max. Operating DP]: 4 bar@ 21°C
	2.4 bar@ 80°C

Ordering Information

CPPTL01N10SP

Removal Rating	End cap type	Length	Seal Material	Core
005=0.05μm	F=DOE	05=5"	S=Silicone	P=PP core
01=0.1μm	H=213/Flat	10=10"	E=EPDM	S=SS core
022=0.22μm	J=222/Flat/ss	20=20"	V=Viton	
045=0.45μm	K=222/Fin/ss	30=30"		
1.2=1.2μm	M=222/Flat	40=40"		
	P=222/Fin			
	Q=226/Fin			
	T=226/Flat			
	R=226/Flat/ss			
	V=226/Flat/ss			

Industrial
Product

Pleated Cartridge Filter

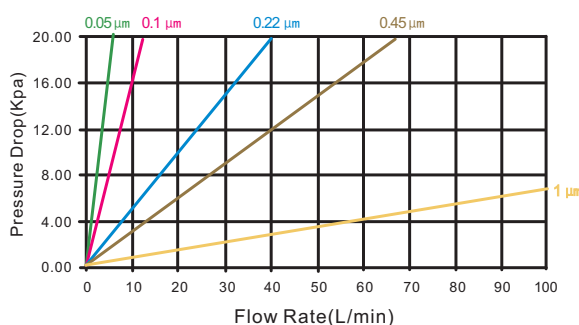


Introduction

PFA Series filter cartridges are constructed of PTFE absolute-rated membrane, PTFE support netting, and ultra-pure PFA hardware. This presents a filter cartridge with excellent chemical compatibility, corrosion resistance, and low extractions to ensure high efficiency filtration and long service life with chemicals.

Application :

- Machinery & Equipment.



Product specification

Dimension	[OD]: Φ 69mm
	[ID]: 28mm
	[Length]: 10", 20", 30", 40"
Material Of Constructions	[Media]: Hydrophobic/ Hydrophilic PTFE membrane
	[Support Netting]: PTFE
	[Cage/Core/End cap]: PFA
	[Sealing]: Viton, Teflon, E-FKM
Performance	[Max. Operating temperature]: 170°C
	[Max. Operating DP]: 4 bar@ 21°C

Ordering Information

CPPFA01M10V

Removal Rating	End cap type	Length	Seal Material
01=0.1µm 022=0.22µm 045=0.45µm 1=1µm	M=222/Flat	10=10" 20=20" 30=30" 40=40"	V=Viton T=Teflon F=E-FKM

Pleated Cartridge Filter

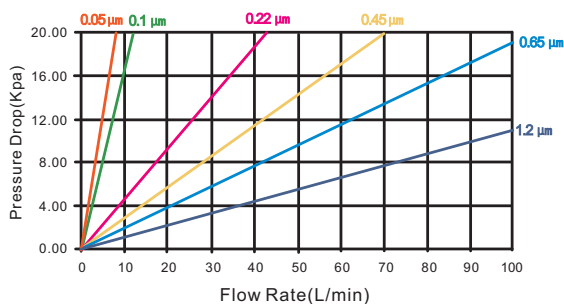


Introduction

PES Series cartridge filter is constructed of imported hydrophillic asymmetric PES membrane and imported non-woven fabrics and silk netting as support and then pleated. The cage, PP core and end cap are thermally welded with media without using any glue. All cartridges are manufactured and assembled in a clean room environment. 100% of the cartridges are integrity tested and flushed with EDI pure water. It is suitable for filtering weak acid/alkali based liquid and ultra pure water.

Application :

- ▶ Mining.
- ▶ Machinery & Equipment.
- ▶ Industrial Water Treatment.



Product specification

Dimension	[OD]: Φ 69mm [Length]: 10", 20", 30", 40"
Material Of Constructions	[Media]: PES [Support]: PP [Cage/Core/End cap]: PP [Sealing]: Silicone, EPDM, NBR, Viton, Teflon, E-FKM
Performance	[Max. Operating temperature]: 80℃ [Max. Operating DP]: 4 bar@ 21℃ 2.4 bar@ 80℃

Ordering Information

CPPES01F10SP

Removal Rating	End cap type	Length	Seal Material	Core
005=0.05µm 01=0.1µm 022=0.22µm 045=0.45µm 065=0.65µm 12=1.2µm	F=DOE H=213/Flat J=222/Flat/ss K=222/Fin/ss M=222/Flat P=222/Fin Q=226/Fin T=226/Flat R=226/Flat/ss V=226/Flat/ss	10=10" 20=20" 30=30" 40=40"	S=Silicone E=EPDM B=NBR V=Viton T=Teflon F=E-FKM	P=PP core S=SS core

Industrial
Product

Pleated Cartridge Filter

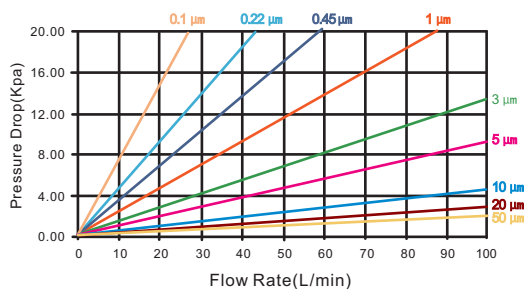


Introduction

PP pleated filter cartridge is constructed of high performance polypropylene filter media that got technological breakthrough type sub-micro level. The pores of the material are uniformly distributed. The construction is designed scientifically which makes the filter cartridge got high flow rate. This allows users can filter the particles in liquid quickly and efficiently and save the cost.

Application :

- Coatings.
- Ink.
- Oil & Chemical.
- Plating.
- Machinery & Equipment.
- Industrial Water Treatment.



Product specification

Dimension	[OD]: Φ 69mm
	[Length]: 10", 20", 30", 40"
Material Of Constructions	[Media]: PP
	[Support]: PP
	[Cage/Core/End cap]: PP
	[Sealing]: Silicone, EPDM, NBR, Viton, Teflon, E-FKM
Performance	[Max. Operating temperature]: 80°C
	[Max. Operating DP]: 4 bar@ 21°C
	2.4 bar@ 80°C

Ordering Information

CPPP01F10SP

Removal Rating	End cap type	Length	Seal Material	Core
01=0.1μm	F=DOE	10=10"	S=Silicone	P=PP core
022=0.22μm	H=213/Flat	20=20"	E=EPDM	S=SS core
045=0.45μm	J=222/Flat/ss	30=30"	B=NBR	
1=1μm	K=222/Fin/ss	40=40"	V=Viton	
3=3μm	M222/Flat		T=Teflon	
5=5μm	P=222/Fin		F=E-FKM	
10=10μm	Q=226/Fin			
20=20μm	T=226/Flat			
50=50μm	R=226/Flat/ss			
	V=226/Flat/ss			

Pleated Cartridge Filter



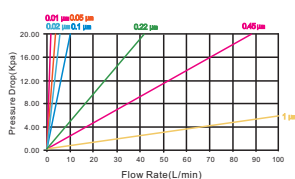
Introduction

Big pleated filter cartridge is designed for the filtration of manufacture wetting process in the flat panel display. It has larger filtration area and higher flow rate. 83 series can meet the 5-6 grade line which has requirement of 120 L/Min flow rate, 131 series can meet the 7-10 grade line which has requirement of 250 L/Min flow rate.

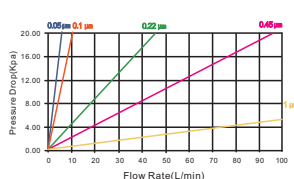
Product specification

Dimension	[OD] : Φ 83mm, 131mm [Length] : 10"
Material Of Constructions	[Media] : PP, PES, Hydrophobic PTFE, Hydrophilic PTFE [Support] : PP [Cage/Core/End cap] : PP [Sealing] : EPDM, Viton, E-FKM
Performance	[Max. Operating temperature] : 80°C [Max. Operating DP] : 4 bar@ 21°C 2.4 bar@ 80°C

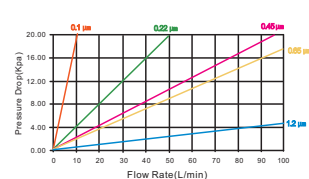
Φ 83mm



Hydrophobic PTFE

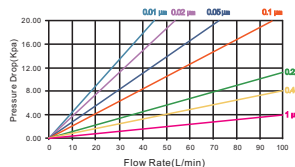


Hydrophilic PTFE

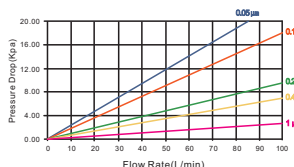


PES

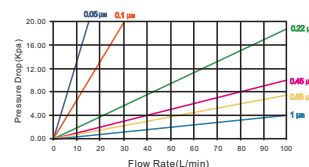
Φ 131mm



Hydrophobic PTFE



Hydrophilic PTFE



PES

Ordering Information

CP8G01M10E
CP13G01M10E

Size	Media	Removal Rating			
		PES	PP	Hydrophobic PTFE	Hydrophilic PTFE
8	G=PP	005=0.05μm	01=0.1μm	001=0.01μm	005=0.05μm
13	A=PES	01=0.1μm	022=0.22μm	002=0.02μm	01=0.1μm
	T=Hydrophobic PTFE	022=0.22μm	045=0.45μm	005=0.05μm	022=0.22μm
	T=Hydrophobic PTFE	045=0.45μm	1=1μm	01=0.1μm	045=0.45μm
		065=0.65μm	3=3μm	022=0.22μm	1=1μm
		12=1.2μm	5=5μm	045=0.45μm	
			10=10μm	1=1μm	
End cap type	Length	Seal Material			
M=222/Flat T=226/Flat	10=10"	E=EPDM V=Viton F=E-FKM			

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