

# Industrial Filtration Solutions



B Miles Global Co.,Ltd.

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# PP-E Series

PP-E Series 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.

## Features

### [ High performance filter media ]

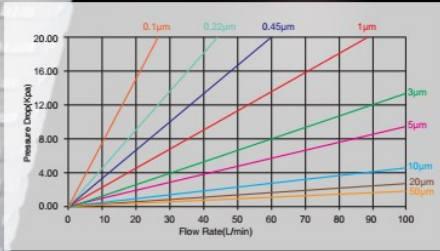
High performance polypropylene filter media that got technological breakthrough type sub-micro level makes filter cartridge have excellent performance.

### [ High flow rate ]

High performance media with scientifically design makes filter cartridge have fast and high flow rate.

### [ Excellent chemical compatibility ]

100% PP material makes the filter cartridge got excellent chemical compatibility. It is suitable for various liquid filtration.



## Ordering Information

EG: BGE0.45M10EP

	Removal Rating	End cap type
<b>BGE</b>	0.1 = 0.1µm	F = DOE
	0.22 = 0.22µm	H = 213/Flat
	0.45 = 0.45µm	J = 222/Flat/SS
	1 = 1µm	K = 222/Fin/SS
	3 = 3µm	M = 222/Flat
	5 = 5µm	P = 222/Fin
	10 = 10µm	Q = 226/Fin
	20 = 20µm	T = 226/Flat
	50 = 50µm	R = 226/Fin/SS V = 226/Flat/SS

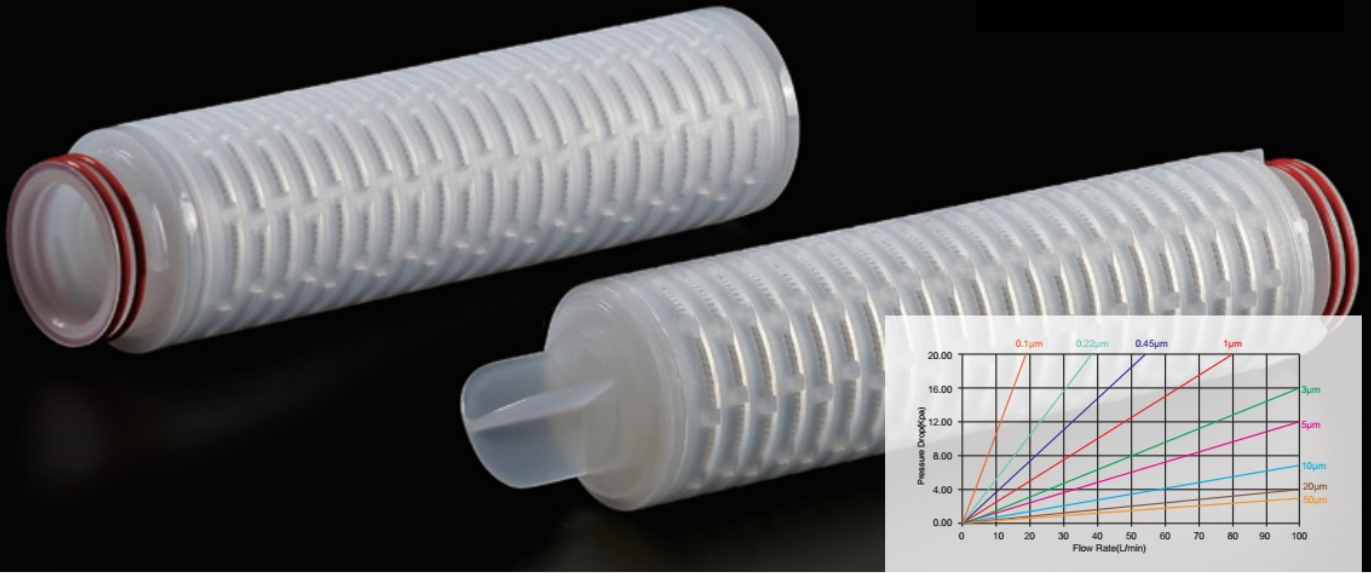
Length	Seal Material	Core
10 = 10"	S = Silicone	P = PP core
20 = 20"	E = EPDM	S = SS core
30 = 30"	B = NBR	
40 = 40"	V = Viton	
	T = Teflon	
	F = E-FKM	

## Applications

- Pharmaceuticals
- Food and beverage
- Microelectronics
- Oil & Chemical
- Machinery & Equipment
- Paints & Coatings
- Cosmetics
- Drinking water

## Product Specification

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



# PP-F Series

PP-F Series 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 has absolute removal rating ,completely intercept the removal material, ensure the quality safety of filtration.

## Features

### [ High performance filter media ]

High performance polypropylene filter media that got technological breakthrough type sub-micro level makes filter cartridge have excellent performance.

### [ Absolute filtration efficiency ]

High efficiency filter combined with the characteristics of scientific structural design makes the filter with absolute precision filtration efficiency.

### [ Excellent chemical compatibility ]

100% PP material makes the filter cartridge got excellent chemical compatibility. It is suitable for various liquid filtration.

## Product Specification

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

## Applications

- Pharmaceuticals
- Food and beverage
- Microelectronics
- Oil & Chemical
- Machinery & Equipment
- Paints & Coatings
- Cosmetics
- Drinking water

## Ordering Information

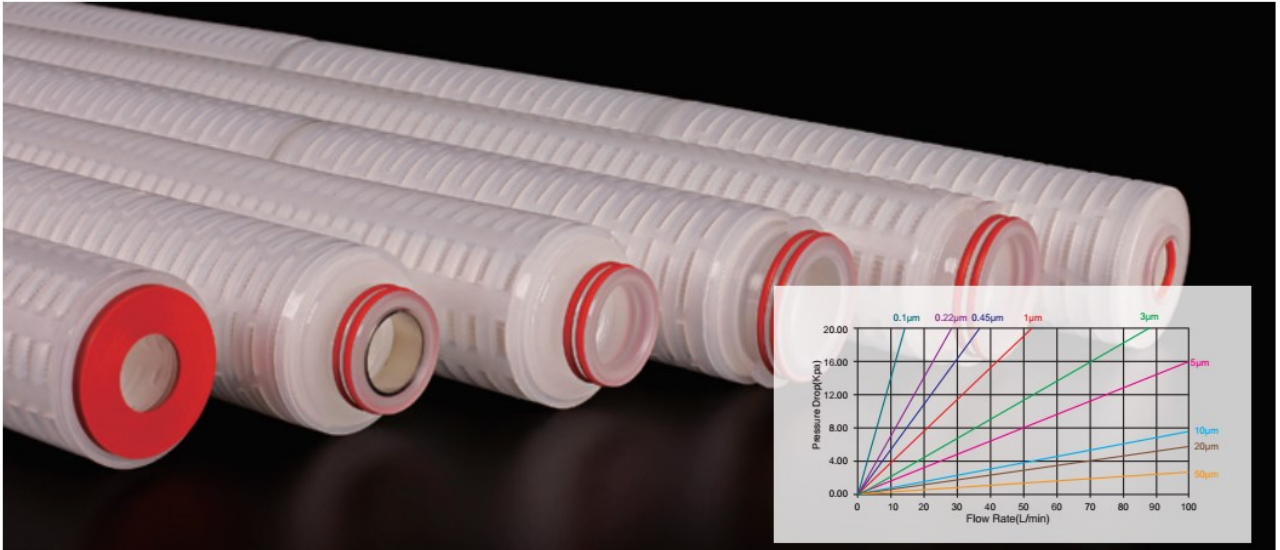
EG: BGF0.45M10EP

	Removal Rating	End cap type
<b>BGF</b>	0.1 = 0.1µm	F = DOE
	0.22 = 0.22µm	H = 213/Flat
	0.45 = 0.45µm	J = 222/Flat/SS
	1 = 1µm	K = 222/Fin/SS
	3 = 3µm	M = 222/Flat
	5 = 5µm	P = 222/Fin
	10 = 10µm	Q = 226/Fin
	20 = 20µm	T = 226/Flat
	50 = 50µm	R = 226/Fin/SS
		V = 226/Flat/SS

Length	Seal Material	Core
10 = 10"	S = Silicone	P = PP core
20 = 20"	E = EPDM	S = SS core
30 = 30"	B = NBR	
40 = 40"	V = Viton	
	T = Teflon	
	F = E-FKM	

# PP-G Series

PP-G Series 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 has high filtration efficiency. It can remove the particles effectively with high flow rate.



## Features

### [ High performance filter media ]

High performance polypropylene filter media that got technological breakthrough type sub-micro level makes filter cartridge have excellent performance.

### [ High filtration efficiency ]

High efficiency filter media combined with the characteristics of scientific structural design makes the filter has a high filtration efficiency.

### [ Excellent chemical compatibility ]

100% PP material makes the filter cartridge got excellent chemical compatibility. It is suitable for various liquid filtration.

## Product Specification

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

## Applications

- Pharmaceuticals
- Food and beverage
- Microelectronics
- Oil & Chemical
- Machinery & Equipment
- Paints & Coatings
- Cosmetics
- Drinking water

## Ordering Information

EG: BGG0.45M10EP

	Removal Rating	End cap type
<b>BGG</b>	0.1 = 0.1µm	F = DOE
	0.22 = 0.22µm	H = 213/Flat
	0.45 = 0.45µm	J = 222/Flat/SS
	1 = 1µm	K = 222/Fin/SS
	3 = 3µm	M = 222/Flat
	5 = 5µm	P = 222/Fin
	10 = 10µm	Q = 226/Fin
	20 = 20µm	T = 226/Flat
	50 = 50µm	R = 226/Fin/SS V = 226/Flat/SS

Length	Seal Material	Core
10 = 10"	S = Silicone	P = PP core
20 = 20"	E = EPDM	S = SS core
30 = 30"	B = NBR	
40 = 40"	V = Viton	
	T = Teflon	
	F = E-FKM	

# PP-H Series

PP-H Series 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 has features of depth filtration, high dirt holding capacity. Which result in a longer service life.

## Features

### [ High performance filter media ]

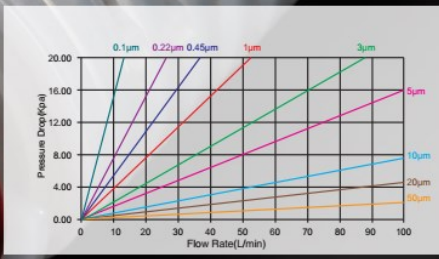
High performance polypropylene filter media that got technological breakthrough type sub-micro level makes filter cartridge have excellent performance.

### [ High dirt holding capacity ]

High efficiency filter media combined with the characteristics of scientific structural design makes the filter has a high dirt holding capacity which result in a long service life.

### [ Excellent chemical compatibility ]

100% PP material makes the filter cartridge got excellent chemical compatibility. It is suitable for various liquid filtration.



## Ordering Information

EG: BGH0.45M10EP

	Removal Rating	End cap type
<b>BGH</b>	0.1 = 0.1µm	F = DOE
	0.22 = 0.22µm	H = 213/Flat
	0.45 = 0.45µm	J = 222/Flat/SS
	1 = 1µm	K = 222/Fin/SS
	3 = 3µm	M = 222/Flat
	5 = 5µm	P = 222/Fin
	10 = 10µm	Q = 226/Fin
	20 = 20µm	T = 226/Flat
	50 = 50µm	R = 226/Fin/SS
		V = 226/Flat/SS

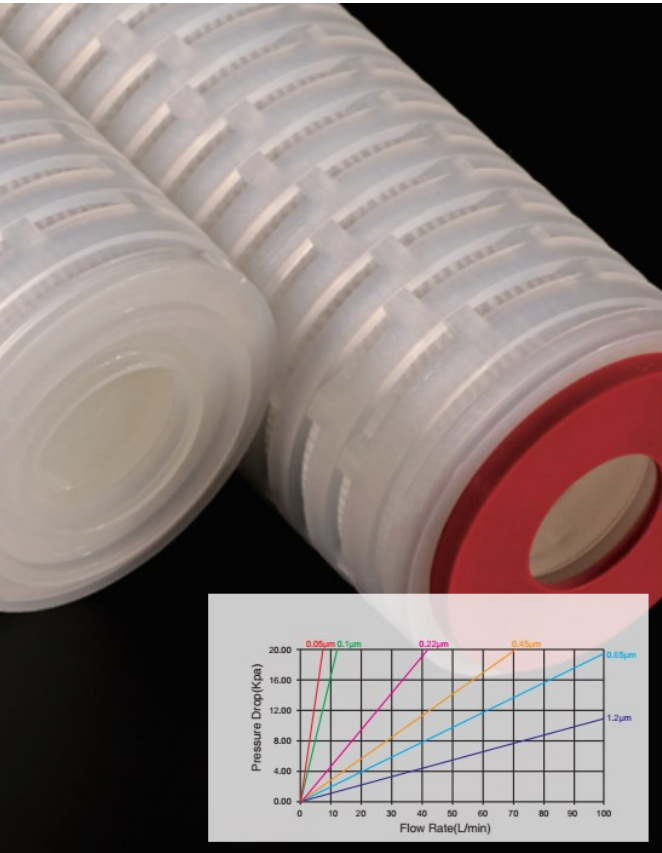
## Applications

- Pharmaceuticals
- Food and beverage
- Microelectronics
- Oil & Chemical
- Machinery & Equipment
- Paints & Coatings
- Cosmetics
- Drinking water

## Product Specification

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

Length	Seal Material	Core
10 = 10"	S = Silicone	P = PP core
20 = 20"	E = EPDM	S = SS core
30 = 30"	B = NBR	
40 = 40"	V = Viton	
	T = Teflon	
	F = E-FKM	



# PES Series

PES Series filter cartridge 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 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.

## Features

- **Asymmetric membrane structure**
- **100% integrity tested**
- **High hydrophilic membrane, high flow rate, the pores of membrane uniformly distributed.**
- **The membrane construction of asymmetric enlarge the dirty capability and extend the life time of the filter cartridge.**
- **Do not use any glue and surface active agent during production process which reduces the risk of precipitation effectively.**

## Applications

- Pharmaceuticals
- Food and beverage
- Microelectronics
- Fine chemical

## Ordering Information

EG: BA0.45M10EP

	Removal Rating	End cap type
<b>BA</b>	0.05 = 0.05µm	F = DOE
	0.1 = 0.1µm	H = 213/Flat
	0.22 = 0.22µm	J = 222/Flat/SS
	0.45 = 0.45µm	K = 222/Fin/SS
	0.65 = 0.65µm	M = 222/Flat
	1.2 = 1.2µm	P = 222/Fin
		Q = 226/Fin
	T = 226/Flat	
	R = 226/Fin/SS	
	V = 226/Flat/SS	

## Product Specification

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

Length	Seal Material	Core
10 = 10"	S = Silicone	P = PP core
20 = 20"	E = EPDM	S = SS core
30 = 30"	B = NBR	
40 = 40"	V = Viton	
	T = Teflon	
	F = E-FKM	

# Hydrophobic PTFE Series

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.

## Features

### [ Excellent chemical compatibility ]

PTFE membrane has excellent chemical compatibility. It has good tolerance to various chemicals and can be used for filtering kinds of corrosive liquids and gases.

### [ Absolute filtration efficiency ]

PTFE membrane provides high filtration efficiency with absolute micron rating. Make sure to reduce the particulates.

### [ 100% integrity tested ]



## Ordering Information

EG: BT0.45M10EP

	Removal Rating	End cap type
<b>BT</b>	0.05 = 0.05µm	F = DOE
	0.1 = 0.1µm	H = 213/Flat
	0.22 = 0.22µm	J = 222/Flat/SS
	0.45 = 0.45µm	K = 222/Fin/SS
	1 = 1µm	M = 222/Flat
		P = 222/Fin
		Q = 226/Fin
		T = 226/Flat
	R = 226/Fin/SS	
	V = 226/Flat/SS	

Length	Seal Material	Core
10 = 10"	S = Silicone	P = PP core
20 = 20"	E = EPDM	S = SS core
30 = 30"	B = NBR	
40 = 40"	V = Viton	
	T = Teflon	
	F = E-FKM	

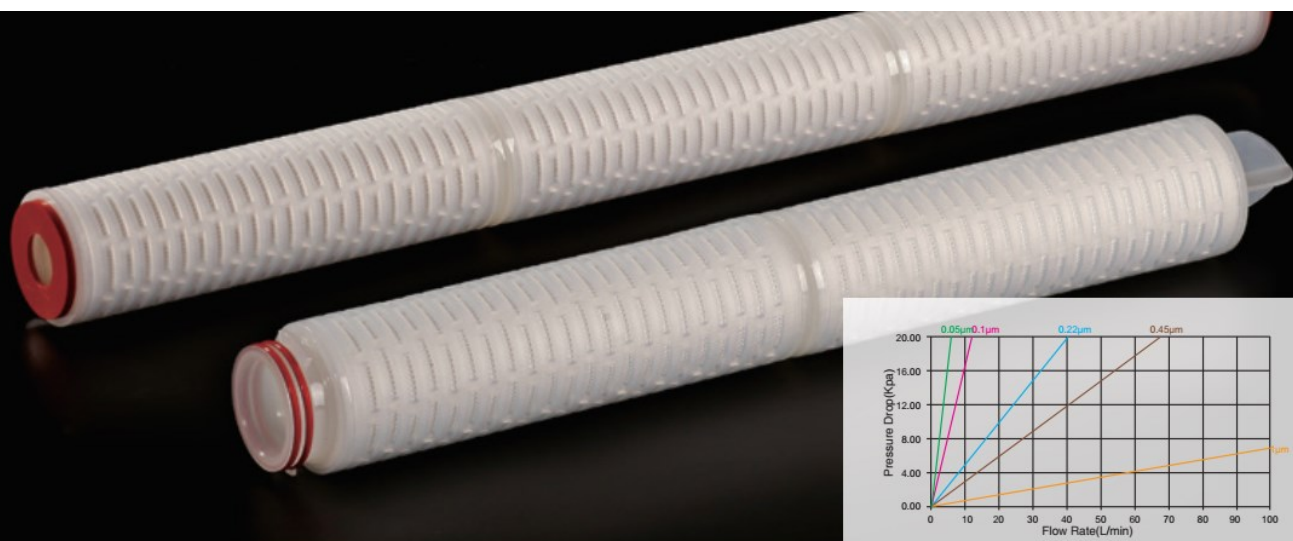
## Applications

- Pharmaceuticals
- Food and beverage
- Microelectronics
- Fine chemical

## Product Specification

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





# Hydrophilic PTFE Series

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.

## Features

### [ Hydrophilic membrane without pre-wetting ]

The membrane is hydrophilic which can filter the liquid directly without pre-wetting to save the operation time.

### [ Excellent chemical compatibility ]

PTFE membrane got excellent chemical compatibility. It has good tolerance to various chemical and can be used for filtering kinds of corrosive liquids.

### [ Absolute filtration efficiency ]

PTFE membrane provide high filtration efficiency with absolute micron rating make sure to reduce the particals.

### [ 100% integrity tested ]

## Product Specification

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

## Applications

- Pharmaceuticals
- Food and beverage
- Microelectronics
- Fine chemical

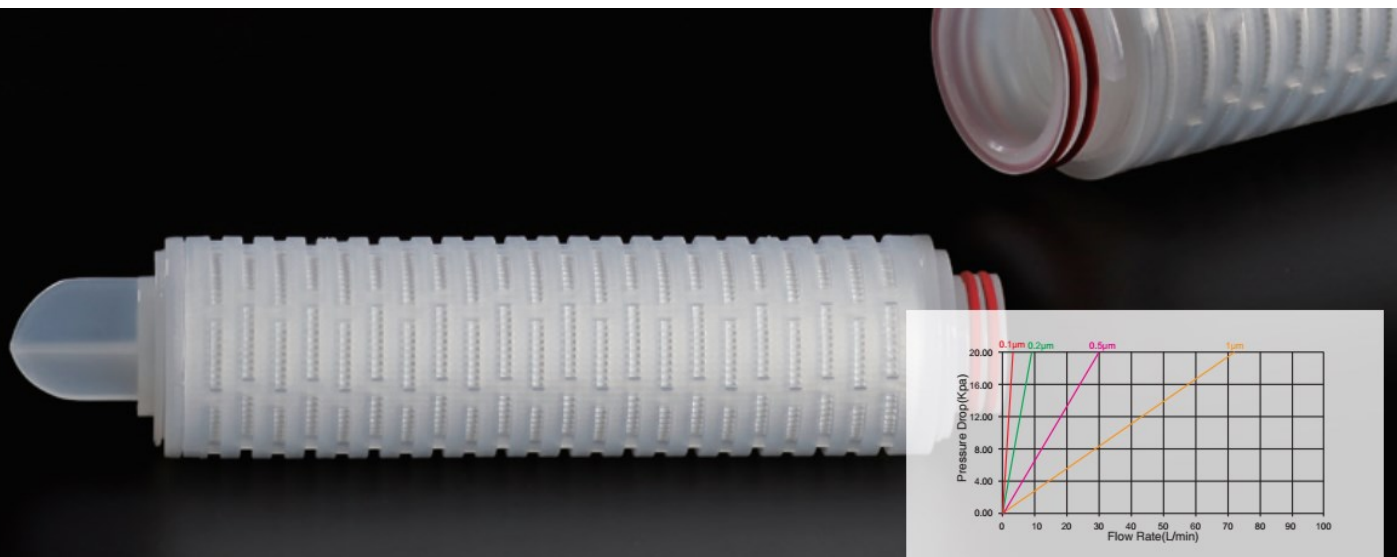
## Ordering Information

EG: BD0.45M10EP

	Removal Rating	End cap type
<b>BD</b>	0.05 = 0.05µm	F = DOE
	0.1 = 0.1µm	H = 213/Flat
	0.22 = 0.22µm	J = 222/Flat/SS
	0.45 = 0.45µm	K = 222/Fin/SS
	1.2 = 1.2µm	M = 222/Flat
		P = 222/Fin
	Q = 226/Fin	
	T = 226/Flat	
	R = 226/Fin/SS	
	V = 226/Flat/SS	

Length	Seal Material	Core
10 = 10"	S = Silicone	P = PP core
20 = 20"	E = EPDM	S = SS core
30 = 30"	B = NBR	
40 = 40"	V = Viton	
	T = Teflon	
	F = E-FKM	



# N6 Series

N6 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.

## Features

### [ High filtration efficiency ]

The absolute nylon fiber membrane provides high filtration efficiency, ensure that impurities in the liquids are removed.

### [ Low precipitation ]

The filter cartridge is made of high purity material to ensure low precipitation. Thermal weld welding technology, do not add any adhesive and active agent, effectively reduce the risk of filter precipitation, ensure the safe usage.

### [ 100% integrity tested ]

## Product Specification

<b>Dimension</b>	[ OD ]: Ø 69mm [ Length ]: 10" , 20" , 30" , 40 "
<b>Material of Constructions</b>	[ Media ]: Nylon 6 [ Cage/Core/End cap ]: PP [ Sealing ]: Silicone, EPDM, NBR, Viton, Teflon, E-FKM
<b>Performance</b>	[ Max. Operating temperature ] : 80°C [ Max. Operating DP ] : 4 bar@ 21°C

## Applications

- Pharmaceuticals
- Microelectronics
- Food and beverage
- Fine chemical

## Ordering Information

EG: BB0.45M10EP

	Removal Rating	End cap type
<b>BB</b>	0.1 = 0.1µm	F = DOE
	0.22 = 0.22µm	H = 213/Flat
	0.45 = 0.45µm	J = 222/Flat/SS
	1 = 1µm	K = 222/Fin/SS
		M = 222/Flat
	P = 222/Fin	
	Q = 226/Fin	
	T = 226/Flat	
	R = 226/Fin/SS	
	V = 226/Flat/SS	

Length	Seal Material	Core
10 = 10"	S = Silicone	P = PP core
20 = 20"	E = EPDM	S = SS core
30 = 30"	B = NBR	
40 = 40"	V = Viton	
	T = Teflon	
	F = E-FKM	

# N66 Series

N66 Series filter cartridge is constructed of high throughput, absolute rated nylon66 media and nonwoven support materials with better performance. 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.

## Features

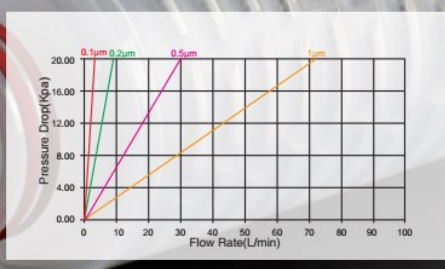
### [ High filtration efficiency ]

The absolute nylon fiber membrane provides high filtration efficiency, ensure that impurities in the liquids are removed.

### [ Low precipitation ]

The filter cartridge is made of high purity material to ensure low precipitation. Thermal weld welding technology, do not add any adhesive and active agent, effectively reduce the risk of filter precipitation, ensure the safe usage.

### [ 100% integrity tested ]



## Ordering Information

EG: BC0.45M10EP

BC	Removal Rating	End cap type
	0.1 = 0.1µm	F = DOE
	0.22 = 0.22µm	H = 213/Flat
	0.45 = 0.45µm	J = 222/Flat/SS
	1 = 1µm	K = 222/Fin/SS
		M = 222/Flat
		P = 222/Fin
		Q = 226/Fin
		T = 226/Flat
		R = 226/Fin/SS
		V = 226/Flat/SS

## Applications

- Pharmaceuticals
- Food and beverage
- Microelectronics
- Fine chemical

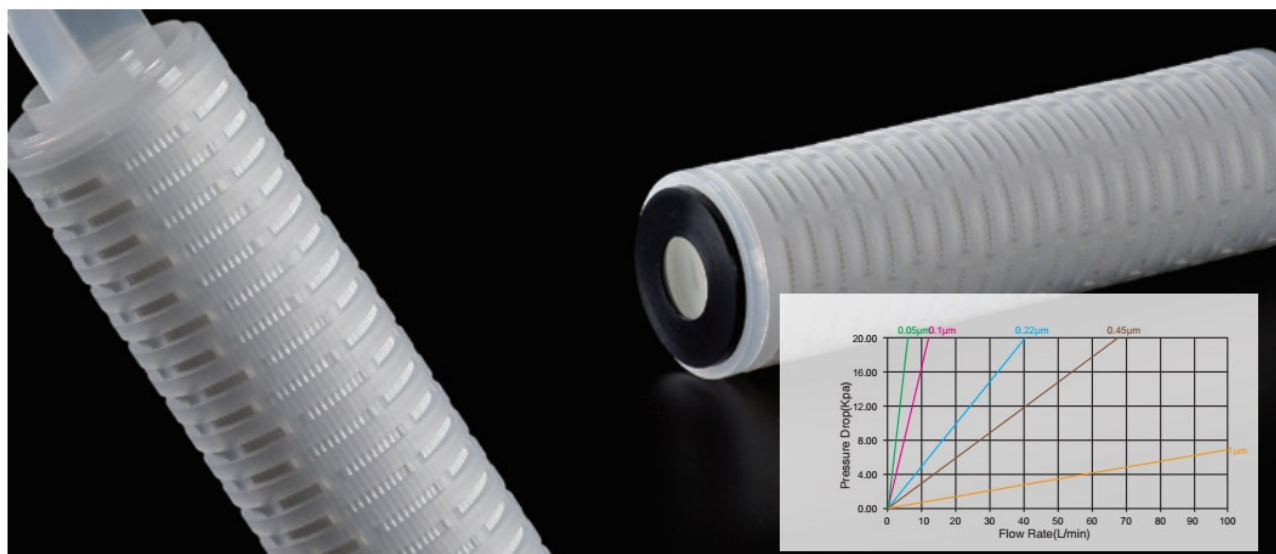
## Product Specification

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

Length	Seal Material	Core
10 = 10"	S = Silicone	P = PP core
20 = 20"	E = EPDM	S = SS core
30 = 30"	B = NBR	
40 = 40"	V = Viton	
	T = Teflon	
	F = E-FKM	

# GF Series

GF Series pleated filter cartridges are made from fine glass fiber media. The filter has good filtration efficiency, can remove the particles in air and gas, suitable for the prefiltration and fine filtration to air and most gases. Also can be used for kinds of liquids filtration.



## Features

### [ Big filtration area, high flow rate, low pressure drop ]

The pleated filter has big filtration area, hydrophobic media has high flow rate and low pressure drop when filtrate gas and air.

### [ High dirt holding capacity, long service life ]

High efficiency area and micro holes in the media enlarge the dirt holding capacity which result in long service life.

## Product Specification

<b>Dimension</b>	[ OD ]: Ø 69mm [ Length ]: 10", 20", 30", 40 "
<b>Material of Constructions</b>	[ Media ]: Glass Fiber (GF) [ Support ]: PP [ Cage/Core/End cap ]: PP [ Sealing ]: Silicone, EPDM, NBR, Viton, Teflon, E-FKM
<b>Performance</b>	[ Max. Operating temperature ]: 80°C [ Max. Operating DP ]: 4 bar@ 21°C 2.4 bar@ 80°C

## Applications

- Pharmaceuticals
- Microelectronics
- Food and beverage
- Fine chemical

## Ordering Information

EG: BS0.45M10EP

	Removal Rating	End cap type
<b>BS</b>	0.45 = 0.45µm	F = DOE
	1 = 1µm	H = 213/Flat
	3 = 3µm	J = 222/Flat/SS
	5 = 5µm	K = 222/Fin/SS
	10 = 10µm	M = 222/Flat
		P = 222/Fin
		Q = 226/Fin
		T = 226/Flat
		R = 226/Fin/SS
		V = 226/Flat/SS

Length	Seal Material	Core
10 = 10"	S = Silicone	P = PP core
20 = 20"	E = EPDM	S = SS core
30 = 30"	B = NBR	
40 = 40"	V = Viton	
	T = Teflon	
	F = E-FKM	

# Hydrophilic PVDF Series

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.

## Features

### [ Hydrophilic filter membrane no need to pre-wetting treatment ]

This series filter cartridge adopt hydrophilic filter membrane, it can be used directly without pre-wetting treatment. Efficient savings in operating time and reduce the investment.

### [ Excellent chemical compatibility ]

PVDF membrane has excellent chemical compatibility and good resistance to chemicals. Suitable for filtering a variety of chemical liquids especially acidic liquid.

### [ Absolute filtration efficiency ]

PVDF membrane provide high filtration efficiency with absolute ratings. ensure the removal of impurity particles.

### [ 100% integrity tested ]

## Applications

- Pharmaceuticals
- Food and beverage
- Microelectronics
- Fine chemical

## Product Specification

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



## Ordering Information

EG: BV0.45M10EP

	Removal Rating	End cap type
<b>BV</b>	0.1 = 0.1µm	F = DOE
	0.22 = 0.22µm	H = 213/Flat
	0.45 = 0.45µm	J = 222/Flat/SS
	0.65 = 0.65µm	K = 222/Fin/SS
	0.8 = 0.8µm	M = 222/Flat
	1.2 = 1.2µm	P = 222/Fin
		Q = 226/Fin
		T = 226/Flat
		R = 226/Fin/SS
		V = 226/Flat/SS

Length	Seal Material	Core
10 = 10"	S = Silicone	P = PP core
20 = 20"	E = EPDM	S = SS core
30 = 30"	B = NBR	
40 = 40"	V = Viton	
	T = Teflon	
	F = E-FKM	

# PFA-F Series

PFA-F 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.

## Features

### [ Excellent chemical compatibility ]

The PTFE/PFA construction results in a filter cartridge with excellent resistance to high temperature and exposure to aggressive chemicals. Suitable for filtration under the most demanding conditions with strong acids, bases, organic chemicals, and oxidizers.

### [ Absolute filtration efficiency ]

PTFE membrane provides high filtration efficiency with an absolute micron rating to assure highly efficient reduction of fine particulate.

### [ Low precipitation ]

The use of high purity grade materials ensures low extractions. Thermal welding technology allows production without any adhesive or active agents to effectively reduce possibility of the filter adding substances to filtered fluids, ensuring process cleanliness.

### [ 100% integrity tested ]

### [ High flow rate, low pressure loss, long service life ]

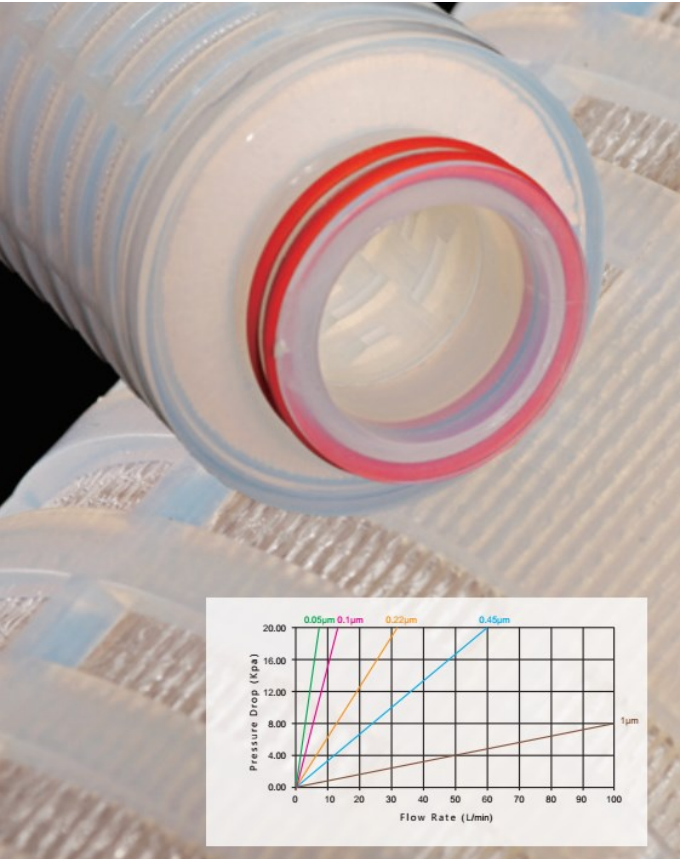
### [ Optional pre-wetting treatment ]

## Applications

- Pharmaceutical products
- Microelectronics fluids
- Fine chemicals

## Product Specification

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



PRESSURE DROP VS FLOW RATE	
Removal Rating (µm)	Flow Rate/10" (L/min@20KPa)
0.1	19.2
0.22	33.6
0.45	144
1	360

## Ordering Information

EG: BTF0.45M10FY

	Removal Rating	End cap type
<b>BTF</b>	0.1 = 0.1µm	M = 222/Flat
	0.22 = 0.22µm	
	0.45 = 0.45µm	
	1 = 1µm	
Length	Seal Material	Pre-wetting treatment
10 = 10"	V = Viton®	Y=Yes
20 = 20"	T = Teflon®	N=No
30 = 30"	F = E-FKM	
40 = 40"		

# PFA-E Series

PFA-E Series filter cartridges are constructed of PTFE absolute-rated membrane, ECTFE 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.

## Features

### [ Excellent chemical compatibility ]

The all-fluoropolymer construction results in a filter cartridge with excellent resistance to high temperature and exposure to aggressive chemicals. Suitable for filtration under the most demanding conditions with strong acids, bases, organic chemicals, and oxidizers.

### [ Absolute filtration efficiency ]

PTFE membrane provides high filtration efficiency with an absolute micron rating to assure highly efficient reduction of fine particulate.

### [ Low precipitation ]

The use of high purity grade materials ensures low extractions. Thermal welding technology allows production without any adhesive or active agents to effectively reduce possibility of the filter adding substances to filtered fluids, ensuring process cleanliness.

### [ 100% integrity tested ]

### [ High flow rate, low pressure loss, long service life ]

### [ Optional pre-wetting treatment ]

## Applications

- Pharmaceutical products
- Microelectronics fluids
- Fine chemicals

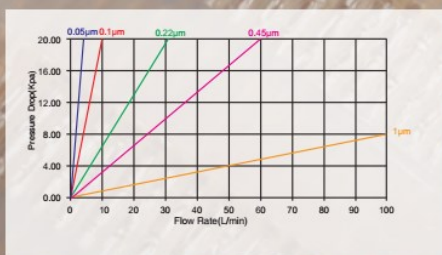
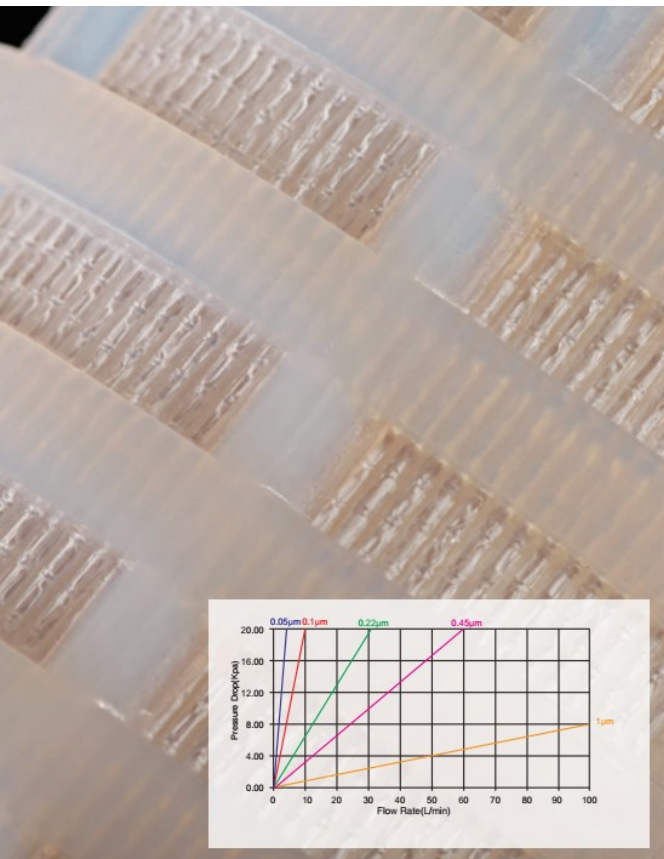
## Product Specification

**Dimension** [ OD ]: Ø 69mm  
[ ID ]: Ø 28mm  
[ Length ]: 10", 20", 30", 40 "

**Material of** [ Media ]: hydrophobic PTFE membrane  
[ Support Netting ]: ECTFE

**Constructions** [ Cage/Core/End cap ]: PFA  
[ Sealing Options ]: Viton®, Teflon®, E-FKM

**Performance** [ Max. Operating temperature ]: 170°C  
[ Max. Operating DP ]: 4 bar@ 21°C



## PRESSURE DROP VS FLOW RATE

Removal Rating (µm)	Flow Rate/10" (L/min@20KPa)
0.1	28.8
0.22	50.4
0.45	216
1	540

## Ordering Information

EG: BTE0.45M10FY

	Removal Rating	End cap type
<b>BTE</b>	0.1 = 0.1µm	M = 222/Flat
	0.22 = 0.22µm	
	0.45 = 0.45µmm	
	1 = 1µm	

Length	Seal Material	Pre-wetting treatment
10 = 10"	V = Viton®	Y=Yes
20 = 20"	T = Teflon®	N=No
30 = 30"	F = E-FKM	
40 = 40"		

# SCC Series

SCC series pleated filter cartridges are designed with single piece support of center core and outer cage which increased the intensity of the filter cartridges. Which also increases the filtration area of the filter and life time

## Features

- Single-piece cage and core construction
- Excellent chemical compatibility. Suitable for filtration of kinds of liquids.
- Pleated design increased the filtration area.
- low pressure drop, long service life
- Full range of removal ratings
- Graded pore density for high dirt holding capacity.
- FDA compliance material



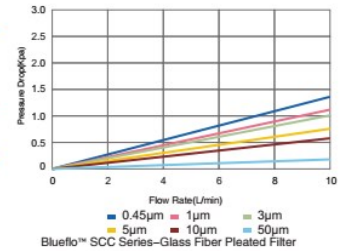
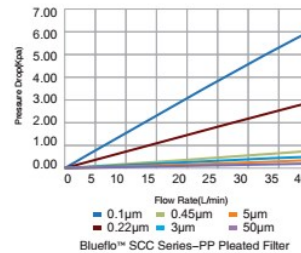
## Ordering Information

EG: BSCC69G0.45M10EP

	Outside Diameter	Media
<b>BSCC</b>	66 = 66mm	G = PP
	69 = 69mm	S = GF

Removal Rating	End cap type
0.1 = 0.1µm	F = DOE
0.22 = 0.22µm	H = 213/Flat
0.45 = 0.45µm	J = 222/Flat/SS
1 = 1µm	K = 222/Fin/SS
3 = 3µm	M = 222/Flat
5 = 5µm	P = 222/Fin
10 = 10µm	Q = 226/Fin
20 = 20µm	T = 226/Flat
50 = 50µm	R = 226/Fin/SS
	V = 226/Flat/SS

Length	Seal Material	Core
9.75 = 9.75"	S = Silicone	P = PP core
10 = 10"	E = EPDM	S = SS core
20 = 20"	B = NBR	
30 = 30"	V = Viton	
40 = 40"	T = Teflon	
	F = E-FKM	



## Applications

- Pharmaceuticals
- Food and beverage
- Microelectronics
- Oil & Chemical
- Machinery & Equipment
- Paints & Coatings
- Cosmetics
- Drinking water

## Product Specification

**Dimension** [ OD ]: Ø 66mm (2.6 ") , Ø 69mm (2.7 ")  
[ Length ]: .75 ", 10 ", 20 ", 30 ", 40 "

**Material** [ Media ]: PP, Glass Fiber(GF)  
**of** [ Support ]: PP

**Constructions** [ 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



# QF83 Series

QF83 Series 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. It can meet the 5-6 grade line which has requirement of 120 L/Min flow rate.

## Features

### [ High flow rate ]

Large filtration area ,high flow rate.

### [ Save the cost, easy to repalce ]

Large filtration area and high flow rate and dirt holding capability extend the life time of the filter cartridge and reduce the time of replacing the filter cartridge and shutting down time. It reduce the system cost efficiently.

### [ Many media type and micron rating options ]

According to different filtration requirements it can choose PP/PES/PTFE media. Micron rating is from 0.01um to 50um for options.

### [ Material is safe and reliable ]

All the parts of SemigaTMQF83 Series pleated filter cartridge use high purity of electronic grade PP material. It is thermally welded with media without using any glue and active agent to reduce the risk of filter cartridge precipitation and make sure the filtration safe.



## Ordering Information

EG: BQF83G0.45M10E

	Media
<b>BQF83</b>	G = PP
	A = PES
	T = Hydrophobic PTFE
	D = Hydrophilic PTFE

Removal Rating			
PP	PES	Hydrophobic PTFE	Hydrophilic PTFE
0.1=0.1µm	0.05=0.05µm	0.01=0.01µm	0.05=0.05µm
0.22=0.22µm	0.1=0.1µm	0.02=0.02µm	0.1=0.1µm
0.45=0.45µm	0.22=0.22µm	0.05=0.05µm	0.22=0.22µm
1 =1µm	0.45=0.45µm	0.1=0.1µm	0.45=0.45µm
3 = 3µm	0.65=0.65µm	0.22=0.22µm	1 =1µm
5 =5µm	1.2 =1.2µm	0.45=0.45µm	
10 =10µm		1 =1µm	
20 =20µm			
50 =50µm			

End cap type	Length	Seal Material
M=222/Flat	10=10"	E=EPDM
T=226/Flat		V=Viton
		F=E-FKM

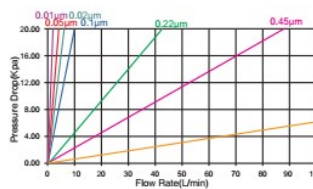
## Product Specification

**Dimension** [ OD ]: Ø 83mm  
[ Length ]: 10"

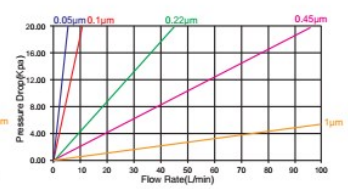
**Material of** [ Media ]: PP,PES,Hydrophobic PTFE, Hydrophilic PTFE

**Constructions** [ Support ]: PP  
[ Cage/Core/End cap ]: PP  
[ Sealing ]: EPDM,Viton,E-FKM

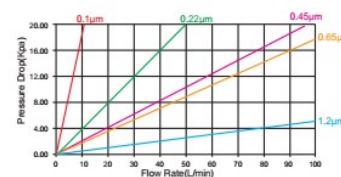
**Performance** [ Max. Operating temperature ] : 80°C  
[ Max. Operating DP ] : 4 bar@ 21°C  
2.4 bar@ 80°C



Hydrophobic PTFE



Hydrophilic PTFE



PES

## Applications

- Microelectronics
- Fine chemical

# QF131 Series

QF131 Series pleated filter cartridge is suitable for filtration in the manufacture process of LCD panel, especially suitable for high flow rate requirement in the process. It can meet the 7-10 grade line which has requirement of 250 L/Min flow rate.

## Features

### [ High flow rate ]

Large filtration area ,high flow rate.

### [ Save the cost, easy to repalce ]

Large filtration area and high flow rate and dirt holding capability extend the life time of the filter cartridge and reduce the time of replacing the filter cartridge and shutting down time. It reduce the system cost efficiently.

### [ Many media type and micron rating options ]

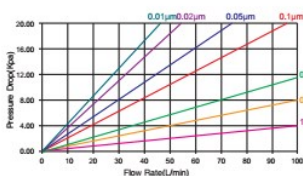
According to different filtration requirements it can choose PP/PES/PTFE media. Micron rating is from 0.01um to 50um for options.

### [ Material is safe and reliable ]

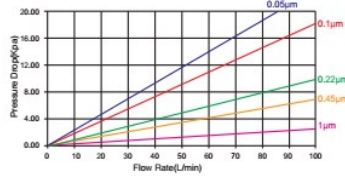
All the parts of SemigaTMQF83 Series pleated filter cartridge use high purity of electronic grade PP material. It is thermally welded with media without using any glue and active agent to reduce the risk of filter cartridge precipitation and make sure the filtration safe.

## Product Specification

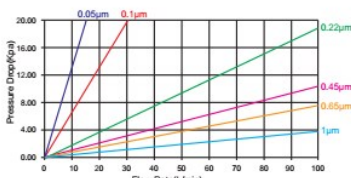
<b>Dimension</b>	[ OD ]: Ø 131mm [ Length ]: 10"
<b>Material of Constructions</b>	[ Media ]: PP,PES,Hydrophobic PTFE, Hydrophilic PTFE [ Support ]: PP [ Cage/Core/End cap ]: PP [ Sealing ]: EPDM,Viton,E-FKM
<b>Performance</b>	[ Max. Operating temperature ] : 80°C [ Max. Operating DP ] : 4 bar@ 21°C 2.4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



Hydrophobic PTFE



Hydrophilic PTFE



PES

## Applications

- Microelectronics
- Fine chemical



## Ordering Information

EG: BQF131G0.45S10E

	Media
<b>BQF131</b>	G = PP
	A = PES
	T = Hydrophobic PTFE
	D = Hydrophilic PTFE

Removal Rating			
PP	PES	Hydrophobic PTFE	Hydrophilic PTFE
0.1=0.1µm	0.05=0.05µm	0.01=0.01µm	0.05=0.05µm
0.22=0.22µm	0.1=0.1µm	0.02=0.02µm	0.1=0.1µm
0.45=0.45µm	0.22=0.22µm	0.05=0.05µm	0.22=0.22µm
1 =1µm	0.45=0.45µm	0.1=0.1µm	0.45=0.45µm
3 =3µm	0.65=0.65µm	0.22=0.22µm	1 =1µm
5 =5µm	1.2 =1.2µm	0.45=0.45µm	
10 =10µm		1 =1µm	
20 =20µm			
50 =50µm			

End cap type	Length	Seal Material
S=334 Single O-ring	10=10"	E=EPDM V=Viton F=E-FKM

# HF Series

HF Series high flow pleated filter cartridges are made from depth fine PP or GF non-woven fabrics. The filter has a big diameter of 6 inch/152mm and no inner core, single open. The inside to outside flow pattern ensure that all the particles will be intercepted at the inside of the filter. The long service life and high flow rate result in low investment and less manpower in many applications.

## Features

[ High filtration area, high flow rate ]

[ High dirt holding capacity, long service life ]

With depth fine non-woven fabrics and scientific design, the filter has a good structure which has high dirt holding capacity, and result in long service life.

[ Much micron ratings and lengths for choosing ]

Micron ratings from 0.5µm to 100µm, and lengths from 20" to 60", which can meet different requirements.

## Product Specification

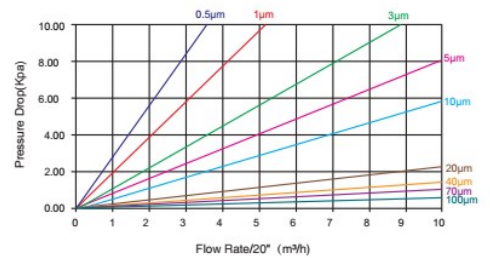
<b>Dimension</b>	[ OD ]: Ø 152mm [ Length ]: 20", 40", 60"
<b>Material of Constructions</b>	[ Media ]: PP, Glass Fiber(GF) [ Cage/Core/End cap ]: PP [ Sealing ]: Silicone, EPDM, Viton, E-FKM
<b>Performance</b>	[ Max. Operating temperature ]: 80 C [ Max. Operating DP ]: 3 bar@ 21 C

## Ordering Information

EG: BHFG5C40E

	Media	Removal Rating
<b>BHF</b>	G = PP	0.5 = 0.5µm
	S = GF	1 = 1µm
		3 = 3µm
		5 = 5µm
		10 = 10µm
		20 = 20µm
		40 = 40µm
		70 = 70µm
		100 = 100µm

Appearance	Length	Seal Material
B = Belt	20 = 20"	S = Silicone
C = Cage	40 = 40"	E = EPDM
	60 = 60"	V = Viton
		F = E-FKM



## Applications

- Sea water desalination
- Food and beverage
- Microelectronics
- Oil & Chemical
- Machinery & Equipment
- Power plant water treatment
- Steel mill water treatment

# MHF Series

MHF Series high flow pleated filter cartridges are made from depth fine PP or GF non-woven fabrics. The filter has a big diameter of 6.5 inch/165mm. There is a core inside which suitable for the outside to inside flow pattern. The big diameter design makes the filter has big filtration area. The long service life and high flow rate result in low investment and less manpower in many applications.



## Features

[ High filtration area, high flow rate ]

[ High dirt holding capacity, long service life ]

With depth fine non-woven fabrics and scientific design, the filter has a good structure which has high dirt holding capacity, and result in long service life.

[ Much micron ratings and lengths for choosing ]

Micron ratings from 0.5µm to 100µm, and lengths from 20" to 60", which can meet different requirements.

## Applications

- Sea water desalination
- Food and beverage
- Microelectronics
- Oil & Chemical
- Machinery & Equipment
- Power plant water treatment
- Steel mill water treatment

## Product Specification

<b>Dimension</b>	[ OD ]: Ø 165mm [ Length ]: 20", 40", 60"
<b>Material of Constructions</b>	[ Media ]: PP [ Cage/Core/End cap ]: PP [ Sealing ]: Silicone, EPDM, Viton, E-FKM
<b>Performance</b>	[ Max. Operating temperature ]: 80 C [ Max. Operating DP ]: 3 bar@ 21 C

## Ordering Information

EG: BMHFG5A40E

	Media	Removal Rating	
<b>BMHF</b>	G = PP	0.5 = 0.5µm	20 = 20µm
	S = GF	1 = 1µm	40 = 40µm
		3 = 3µm	70 = 70µm
		5 = 5µm	100 = 100µm
		10 = 10µm	
End cap type	Length	Seal Material	
A = In-line handle and big outlet	20 = 20"	S = Silicone	
B = Corss handle and small outlet	40 = 40"	E = EPDM	
	60 = 60"	V = Viton	
		F = E-FKM	

# MHFB Series

MHFB Series high flow pleated filter cartridges are made from depth fine PP non-woven fabrics. The filter has a big diameter of 6.5 inch/165mm. With horizontal pleat technology the filter has max. Filtration area compare with same size filters. Big filtration area comes out high flow rate. The long service life and high flow rate result in low investment and less manpower in many applications.

## Features

**[ High filtration area, high flow rate ]**

**[ High dirt holding capacity, long service life ]**

With depth fine PP non-woven fabrics and scientific design, the filter has a good structure which has high dirt holding capacity, and result in long service life.

**[ Much micron ratings and lengths for choosing ]**

Micron ratings from 0.5 $\mu$ m to 100 $\mu$ m, and lengths from 20" to 60", which can meet different requirements.

## Product Specification

<b>Dimension</b>	[ OD ]: $\varnothing$ 165mm [ Length ]: 20", 40", 60"
<b>Material of Constructions</b>	[ Media ]: PP [ Cage/Core/End cap ]: PP [ Sealing ]: Silicone, EPDM, Viton, E-FKM
<b>Performance</b>	[ Max. Operating temperature ]: 80 C [ Max. Operating DP ]: 3 bar@ 21 C

## Applications

- Sea water desalination
- Food and beverage
- Microelectronics
- Oil & Chemical
- Machinery & Equipment
- Power plant water treatment
- Steel mill water treatment

## Ordering Information

EG: BMHFB5A40E

	Removal Rating	End cap type
<b>BMHFB</b>	0.5 = 0.5 $\mu$ m	A=In-line handle and big outlet
	1 = 1 $\mu$ m	B=Corss handle and small outlet
	3 = 3 $\mu$ m	
	5 = 5 $\mu$ m	
	10 = 10 $\mu$ m	
	20 = 20 $\mu$ m	
	40 = 40 $\mu$ m	
	70 = 70 $\mu$ m	
	100 = 100 $\mu$ m	

Length	Seal Material
20 = 20"	S = Silicone
40 = 40"	E = EPDM
60 = 60"	V = Viton
	F = E-FKM



# SHF Series

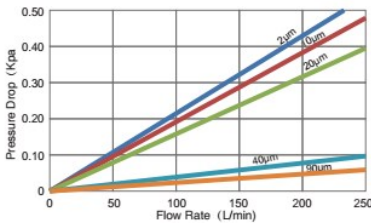
SHF Series Filter Cartridge is a replacement cartridges for the depth filtration and other 2-1/2" diameter cartridges for the high flow applications. Pre-Filtration for RO system is an example. Up to 800 LPM flow rate per cartridge reduced the number of filter cartridges and the dimension of the filter housing required. Water treatment volume per Super-High Flowment filter cartridge equals to 10x40" length, 2-1/2" diameter cartridges. Inner O-ring insures no bypass and handle design makes the installation

## Features

- High dirt holding capacity, longer service life
- Less cartridge change out to save the labor cost
- O-ring design cause no bypass to ensure the filtration efficiency
- Easy handing result in less manpower
- Wide chemical compatability for different applications

## Product Specification

<b>Dimension</b>	[ OD ]: Ø 152mm [ Length ]: 40 ", 60 "
<b>Material of</b>	[ Media ]: PP, Glass Fiber(GF) [ Support ]: PP
<b>Constructions</b>	[ End Cap Material ]: Glass Fiber Reinforced PP [ Sealing ]: Silicone, EPDM, Viton, E-FKM
<b>Performance</b>	[ Max. Operating temperature ]: 80 °C [ Max. Operating DP ]: 3 bar@ 21 °C



## Applications

- Sea water desalination
- Food and beverage
- Microelectronics
- Oil & Chemical
- Machinery & Equipment
- Power plant water treatment
- Steel mill water treatment

## Ordering Information

EG: BSHFG5A40E

	Media	Removal Rating
<b>BSHF</b>	G = PP	1 = 1µm
	S = GF	4.5 = 4.5µm
		6 = 6µm
		10 = 10µm
		20 = 20µm
		40 = 40µm
		70 = 70µm
		100 = 100µm

End cap type	Length	Seal Material
A = Single O-ring	40 = 40"	S = Silicone
B = Double O-ring	60 = 60"	E = EPDM
		V = Viton
		F = E-FKM

# PHF Series

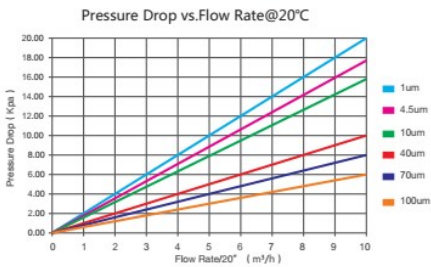
PHF Series Filter Cartridge is a new product developed by Darlly Filtration Equipment Co.,Ltd in Hangzhou China. It has 6.7inch large diameter, single open-ended with an outside to inside flow pattern. It offers a high flow rate solution with quick changes to the cartridge filters to deliver an affordable first off cost for advanced water filtration systems including industrial and commercial osmosis type water or sea water filtration and treatment systems.

## Features

- Excellent chemical compatibility
- All materials are FDA compliance
- High dirt holding capacity, longer Service life
- 25times more square feet of media than used in tandard 10inch pleated cartridges

## Product Specification

<b>Dimension</b>	[ OD ]: 6.75inch (Ø172mm) [ ID ]: 2.99inch(Ø 76mm) [ Length ]: 40"(1016mm) 60"(1589mm)
<b>Material of Constructions</b>	[ Media ]: Polypropylene [ Support ]: Polypropylene [ End Cap Material ]: Polypropylene [ Sealing ]: Buna
<b>Performance</b>	[ Max. Operating temperature ]: 82 C [ Max. Operating DP ]: 35Psid



## Applications

- Sea water desalination
- Food and beverage
- Microelectronics
- Oil & Chemical
- Machinery & Equipment
- Power plant water treatment
- Steel mill water treatment

## Ordering Information

EG: BPHF5S40B

	Removal Rating	End Cap Type
<b>BPHF</b>	1 = 1µm	S = SOE
	5 = 5µm	
	10 = 10µm	
	20 = 20µm	
	40 = 40µm	
	70 = 70µm	
	100 = 100µm	
Length	Seal Material	
40 = 40"	B = Buna	
60 = 60"		

# BC Series

BC Series Filter Cartridge is a new product developed by Hangzhou Darly Filtration Equipment Co. Ltd. This kind of cartridges combine the performance advantages of cartridge filters with the ease use of bag filter systems. It offers unique combination of benefits and unmatched economics. Filtration customers no longer have to choose between cartridge and bag technologies. The pleated media increases the effective filtration area with high flow and long service life.



## Features

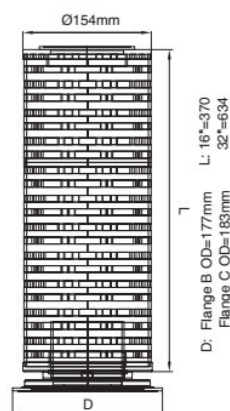
- High performance filter media
- Pleated configuration with high filtration area
- large 152mm cartridge diameter suitable for high flow/high contaminant applications
- High mechanical strength
- Easily retrofit into existing size 1 and size 2 bag housings
- The inside-to-outside fluid flow ensures the unwanted particles are trapped with the element

## Product Specification

<b>Dimension</b>	[ OD ]: 6" (Ø 152mm) [ Length ]: 16 "(370mm) for size 1 bag 32"(634mm) for size 2 bag
<b>Material of Constructions</b>	[ Media ]: Pleated Depth Polypropylene (PP) [ Support ]: PP [ End Cap ]: PP [ Adjustable Flange ]: PP [ Sealing ]: EPDM, NBR
<b>Performance</b>	[ Max. Operating temperature ]: 80 C [ Max. Operating DP ]: 3.4 bar@ 60 C [ Recommended Change out Differential Pressure ]: 2.4Bar, 20°C

## Applications

- Sea water desalination
- Food and beverage
- Machinery & Equipment
- Drinking water



## Ordering Information

EG: BBC5B2E

	Removal Rating	Flange Types
<b>BBC</b>	0.5 = 0.5µm	B=For side entry housing(177mm)
	1 = 1µm	C=For over the top housing(183mm)
	3 = 3µm	
	5 = 5µm	
	10 = 10µm	
	20 = 20µm	
	40 = 40µm	
	50 = 50µm	
	70 = 70µm	
	100 = 100µm	
120 = 120µm		
		Length
		1 = 370 (16")
		2 = 634 (32")
		Seal Material
		B = NBR
		E = EPDM



# Depth-Stack Series

Depth-Stack Filter Cartridges are a new type of filter cartridge using depth filter sheets. It is designed using a double separator concept. The Separator design increases the total stability of the filter cartridges as the separators fully support the sheet material. This design also prevents filter sheet deformities after heat treatments and adverse effects of contact with hot sanitation. It is manufactured with rigid external clips to prevent damaging filter sheets during module loading and unloading while allowing for easy and reliable handling.

## Features

- Washable under certain conditions, resulting in high total throughput
- Easy and reliable handling Rigid external clips prevent damage of the filter sheet during module loading and unloading
- No filter sheet deformities after heat treatment
- No adverse effects to filter sheets when in contact with hot sanitization or process filtration
- Increased filtration security Separator design increases the total stability of the filter cartridges as the separators fully support the sheet material.

## Product Specification

<b>Dimension</b>	[ OD ]: 8 ", 12 ", 16 "
<b>Material of</b>	[ Depth filter sheet ]: Cellulose fibers, Resins, Perlite, Natural diatomaceous earths, and etc
<b>Constructions</b>	[ Core/Separator ]: Polypropylene(PP) [ Double O-ring or flat gasket ]: Silicone, EPDM, Viton
<b>Performance</b>	Typical ratings: C002: 0.2-0.4µm C004: 0.4-0.6µm C100: 1-3µm C150: 2-5µm C200: 3-7µm

## Applications

- Pharmaceuticals
- Food and beverage
- Fine chemical
- Machinery & Equipment

## Ordering Information

EG: BDSC100D12S16

	Removal rating	End cap type	Outside Diameter	Seal Material	Construction
<b>BDS</b>	C001 = 0.04-0.2 µm	D=DOE with gasket	08 = 8"	S = Silicone	7 = 7 Cell
	C002 = 0.2-0.4 µm	S=SOE with double O-ring	12 = 12"	E = EPDM	8 = 8 Cell
	C004 = 0.4-0.6 µm		16 = 16"	B = NBR	9 = 9 Cell
	C006 = 0.6-1 µm				12 = 12 Cell
	C100 = 1 - 3 µm				14 = 14 Cell
	C150 = 2 - 5 µm				15 = 15 Cell
	C200 = 3 - 7 µm				16 = 16 Cell
	C250 = 10 - 15 µm				
	C400 = 25 - 30 µm				
	C500 = 40 - 50 µm				
	C600 = 50 - 60 µm				

# String Wound SW Series

string wound cartridges are manufactured with structured open outer layers and tight inner layers to offer true depth filtration for high dirt holding capacity and extremely low media migration. The main advantage of the string wound filter cartridge is its exceptionally high structural strength, therefore, they can withstand higher PSID and severe operating conditions.

## Features

- Fits all the standard housings
- Low pressure drop, high dirt holding capacity and long service life
- Loose outer layers and tight inner layers offers effective depth filtration
- Various filter media fit with various applications

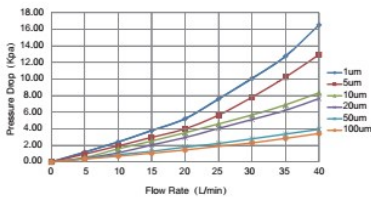
## Product Specification

<b>Dimension</b>	[ OD ]: Ø 63mm, 115mm [ ID ]: Ø 28mm, 30mm [ Length ]: 9.87", 10", 20", 30", 40"
<b>Material of Constructions</b>	[ Media ]: Polypropylene, Bleached cotton, Glass Fiber [ Core ]: PP, Stainless Steel
<b>Performance</b>	[ Max. Operating temperature ]: Polypropylene(PP): 80 °C Bleached cotton: 120 °C Glass Fiber: 200 °C [ Max. Operating DP ]: 2.0bar@25 °C

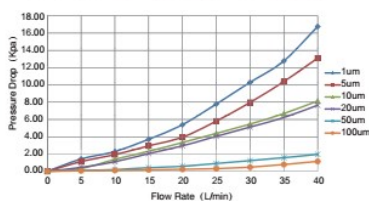


## Applications

- Drinking water
- Food and beverage
- Chemical
- Microelectronics
- RO security filtration



PP String Wound Filter Pressure Drop vs. Flow Rate @20°C



Cotton String Wound Filter Pressure Drop vs. Flow Rate @20°C

## Ordering Information

EG: BSWBB5A10MS28

	Outside Diameter	Removal Rating	Material
<b>BSW</b>	Blank = 63mm	1 = 1µm	A = PP yarn and PP core
	BB = 115mm	5 = 5µm	B = Cotton yarn and SS core
		10 = 10µm	C = Cotton yarn and PP core
		20 = 20µm	D = Glass fiber and SS core
		30 = 30µm	E = PP yarn and SS core
		50 = 50µm	
		75 = 75µm	
100 = 100µm			

Length	End Cap Type	Seal Material	Inner Diameter
987 = 9.87" (250mm)	Blank = DOE (NO End Caps)	Blank = No	28 = 28mm
10 = 10" (254mm)	F = DOE	S = Silicone	30 = 30mm
20 = 20" (508mm)	M = 222/Flat	E = EPDM	
30 = 30" (762mm)	P = 222/Fin	B = NBR	
40 = 40" (1016mm)	Q = 226/Fin	V = Viton	
	T = 226/Flat		



## UL Series

UL Series Filter Cartridge is a wounded type depth filter. Its filter media is continuous wound fiber with high performances. The length of the cartridge is up to 70inch (1778mm), the large length with big filter area insures to reduce the number of filter cartridges and the dimension of housing required. The long service life and high flow rate result in low investment and less manpower in many applications.

### Features

- Length up to 70inch (1778mm), suitable for high flow/high contaminant applications
- High mechanical strength, no distortion happen even in critical process conditions
- Directly installed into existed housings, no need for any changes

### Applications

- Power plant water treatment
- Steel mill water treatment
- Sea water desalination

### Product Specification

<b>Dimension</b>	[ Length ]: 60 "(1524mm), 70 "(1778mm)
<b>Material of Constructions</b>	[ Media ]: Specially treated fibers with high performance [ Support Core ]: Stainless Steel [ Connection Type ]: Thread [ Removal ratings ]: 1 $\mu$ m, 5 $\mu$ m



### Ordering Information

EG: BUL-1-70

	Removal Rating	Length
<b>BUL</b>	1 = 1 $\mu$ m	60 = 60" (1524mm)
	5 = 5 $\mu$ m	70 = 70" (1778mm)



# SF Series

SF Series Filter Cartridge is a pleated cartridge which can be backwashed. It is made especially for power plant condensed water filtration applications and is made completely of polypropylene. Its pleated design has an increased filtration area and wide chemical compatibility. It provides surface filtration to ensure partial removal and effective backwash and can be installed into existing housing; no need for any changes.

## Features

- Complete Polypropylene Structure
- Wide Chemical compatibility
- Pleated design increased the filtration area
- Backwash design
- Resin pre-coat can be done before filtration
- Surface filtration to ensure the particle removal and effective backwash
- Length up to 70inch (1778mm), suitable for high flow/high contaminant applications
- Directly installed into existed housings, no need for any changes

## Product Specification

<b>Dimension</b>	[ OD ]: Ø 66mm ,Ø 69mm [ Length ]: 60 "(1524mm), 70 "(1778mm)
<b>Material of Constructions</b>	[ Media ]: Polypropylene(PP) [ Support/Drainage ]: Polypropylene(PP) [ Connection Type ]: Thread
<b>Performance</b>	[ Max. Operating temperature ]: 82 C [ Max. Operating DP ]: 2.8bar@65 C

## Applications

- Power plant water treatment
- Steel mill water treatment
- Sea water desalination

## Ordering Information

EG: BSF-66-1-70-T

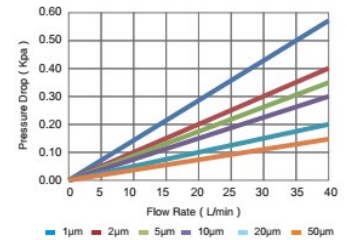
	Outer Diameter	Removal rating	Length	Connection Type
BSF	66=66mm	1 = 1µm	60 = 60" (1524mm)	T = Thread
	69=69mm	4 = 4µm	70 = 70" (1778mm)	P = 222
		10 = 10µm		

# MFF Series

MFF Series Pleated Filter Cartridge are manufactured to exact standards and are used in the most demanding industrial environments. This filter is manufactured in a wide range of length options and micron ratings. Its media has a fixed pore construction of high quality fibers while providing combination of surface and depth filtration. Due to use of premium quality filter fabrics, this pleated filter cartridges has superior flow characteristics with a very low pressure drop compared to depth media of similar micron ratings. This filters large surface area, increased dirt holding capacity, and innovative design provide a long service life, allowing you to reduce the number of cartridges used. Your advantage is a smaller filter vessel, less footprint and lower capital investments.

## Product Specification

<b>Dimension</b>	[ OD ]: Ø 64mm,Ø 66mm,Ø 69mm
	[ ID ]: Ø 28mm
	[ Length ]: 30 ", 40 "
<b>Material of Constructions</b>	[ Media ]: PP,PET, Glass Fiber
	[ End Cap Material ]: PP , ABS
	[ Center Core ]: PP, ABS
	[ Netting ]: PE
	[ Sealing ]: Silicone, EPDM, NBR, Viton
	[ End Cap Types ]:DOE,222/Flat End
<b>Performance</b>	Operating Pressure and temperature:
	The pleated cartridge construction will withstand differential Pressures up to 60 PSI(4Bar) at ambient temperature
	The optimum changeout differential pressure is 35psi(2.5Bar) up to 52°C
	Service condition: 500KPa(5Bar)by 20°C 300KPa(3Bar)by 65°C



## Features

- Large filter area and depth filtration provides a long lifetime of pleated filter cartridge
- Low cost because of large filter area and reduces labor costs to change

## Applications

- Oil exploitation
- Mine exploitation
- Chemical
- Process water treatment

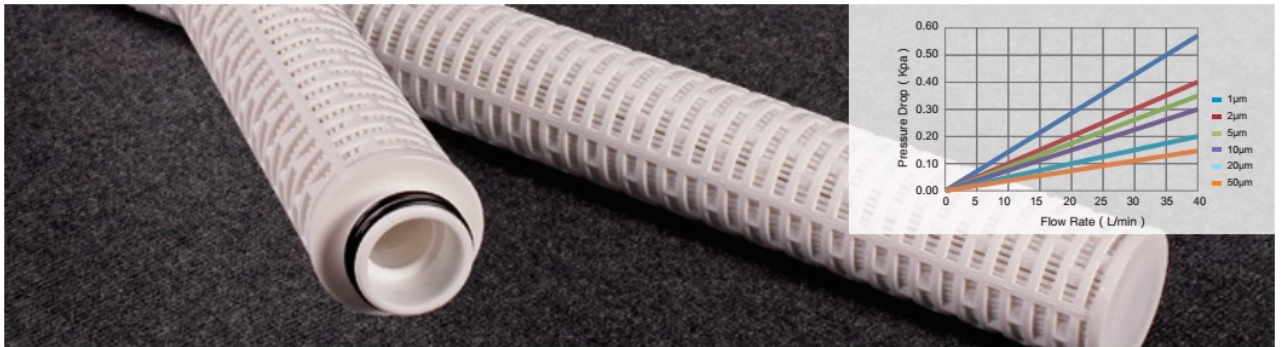
## Ordering Information

EG: BMFF69G1F30E

	Outer Diameter	Media Type	Removal Rating	End Cap Type	Length	Seal Material
<b>BMFF</b>	64 = Ø 64mm	G = PP	1 = 1µm	F =DOE	30 = 30" (762mm)	S = Silicone
	66 = Ø 66mm	S = Glass Fiber	2 = 2µm	M = 222/Flat End	40 = 40" (1016mm)	E = EPDM
	69 = Ø 69mm	Z = PET	5 = 5µm			B = NBR
			10 = 10µm			V = Viton
			20 = 20µm			
			50 = 50µm			

# OF Series

OF Series Pleated Filter cartridges are manufactured to exact standards and are used in the most demanding industrial environments. Our filter cartridges are manufactured in a range of length options and micron ratings. This filters media has a fixed pore construction of high quality fibers. The combination of surface and depth filtration help provide a long service life. With the use of premium quality filter fabrics, our pleated filter cartridges have superior flow characteristics with a very low pressure drop compared to depth media of similar micron rating. The advantages of this filter is that it has a smaller filter vessel, smaller footprint and lower capital investments. Long cartridge lifetime means lower operational costs, less work changing the cartridges and less waste. Our thermal welded construction provides safety against high temperature oily waters, solvents, acid, and diesel fuels.



## Features

- Large filter area and depth filtration provides a long lifetime of pleated filter cartridge.
- Low cost because of large filter area and reduces labor costs to change.
- The absolute glass fiber media supplies optimal eddiciency of solids removal.

## Applications

- Oil exploitation
- Mine exploitation
- Chemical
- Process water treatment

## Product Specification

Dimension	[ OD ]: Ø 64mm [ ID ]: Ø 28mm [ Length ]: 30 ", 40 "
Material of Constructions	[ Media ]: PP,PET, Glass Fiber [ End Cap Material ]: PP [ Center Core ]: PP [ Outer Cage ]: PP [ Sealing ]: Silicone, EPDM, NBR, Viton [ End Cap Types ]: 222/Flat End
Performance	Operating Pressure and temperature: The pleated cartridge construction will withstand differentia Pressures up to 60 PSI(4Bar) at ambient temperature The optimum changeout differential pressure is 35psi(2.5Bar) up to 52°C Service condition: 500KPa(5Bar)by 20°C 300KPa(3Bar)by 65°C Beta: 5000(99.98% removal efficiency) for glass fiber media Construction: Fully thermal welded

## Ordering Information

EG: BOFG1M30E

BOF	
Media Type	Removal Rating
G = PP	1 = 1µm
S = Glass Fiber	2 = 2µm
Z = PET	5 = 5µm
	10 = 10µm
	20 = 20µm
	50 = 50µm
End Cap Type	Length
M = 222/Flat	30 = 30" (762mm)
	40 = 40" (1016mm)
Seal Material	
S = Silicone	
E = EPDM	
B = NBR	
V = Viton	

# HC Series

HC Series filter cartridges are made of pleated polyester filter media for low pressure drop, increased surface area and longer life. This filter is designed for general water filtration processes.

## Applications

- Swimming pool water treatment
- RO security filtration
- General water treatment

## Features

- Pleated design increased surface area and contaminant removal
- Longer filtration runs for fewer change-out and less maintenance
- Low pressure drop
- Designed for general water filtration purposes

## Product Specification

<b>Dimension</b>	[ OD ]: 7-3/4" (197mm) [ Length ]: 9-5/8" (245mm) 19-1/2" (495mm) 30-3/4" (781mm)
<b>Material of</b>	[ Media ]: Polyester, Cellulose [ End cap ]: PU, Plastisol
<b>Constructions</b>	
<b>Performance</b>	[ Max. Operating temperature ]: 60 C [ Max. Operating DP ]: 40PSI

## Ordering Information

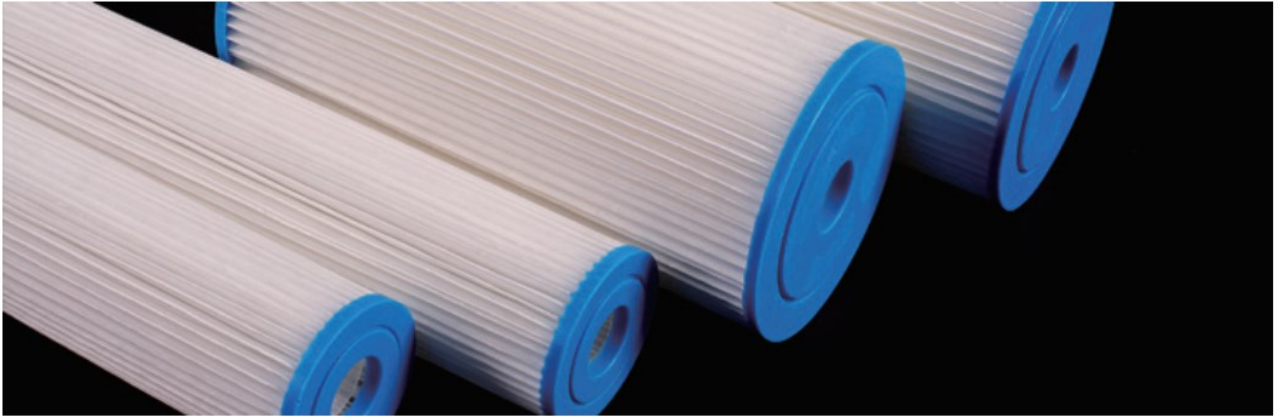
EG: BHC-5-40-A

	Removal Rating	Length
<b>BHC</b>	1 = 1µm	40 = 9-5/8" (245mm)
	5 = 5µm	90 = 19-1/2" (495mm)
	10 = 10µm	170 = 30-3/4" (781mm)
	20 = 20µm	
	50 = 50µm	

### Media Type

- A = Polyester
- B = Cellulose





# DL Series

DL Pleated Filter Cartridges are washable, reusable, and durable, because of this the cartridge has an extended life span and is more economical. It also has an increased dirt holding capacity so cleaning is required less often.

## Features

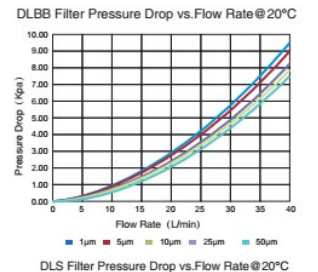
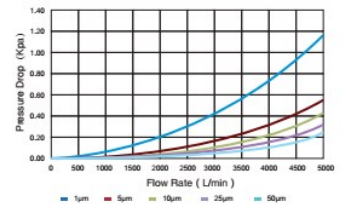
- Pleated design increased surface area and contaminant removal
- Longer filtration runs for fewer change-out and less maintenance
- Low pressure drop
- Designed for general water filtration purposes

## Applications

- Swimming pool water treatment
- RO security filtration
- General water treatment

## Product Specification

<b>Dimension</b>	[ OD ]: Ø 68mm, 115mm [ ID ]: Ø 28mm [ Length ]: 10", 20", 30", 40"
<b>Material of Constructions</b>	[ Media ]: Polyester, Polypropylene(PP), Cellulose [ End cap ]: PU, Plastisol [ Core ]: Polypropylene(PP)
<b>Performance</b>	[ Max. Operating temperature ]: 37.8°C [ Max. Operating DP ]: 4.0Bar Flow Rate per 10" Cartridge: 3-10GPM, depend on removal rating



## Ordering Information

EG: BDL5-5-10-A

	Outer Diameter	Removal Rating	Length	Media Type
<b>BDL</b>	S = 68mm	1 = 1µm	975 = 9.75" (248mm)	A = Polyester
	BB = 115mm	5 = 5µm	987 = 9.87" (250mm)	B = PP
		10 = 10µm	10 = 10" (254mm)	C = Cellulose
		20 = 20µm	20 = 20" (508mm)	
		50 = 50µm	30 = 30" (762mm)	
			40 = 40" (1016mm)	



# CTO Series

CTO Activated Carbon Filter Cartridge are formed using extruding carbon fines and food-grade binders. This makes it FDA approved for the Food/Beverage industry. It also ensures that no bad taste is left behind. This filter is also great for filtering organic matter effectively.

## Features

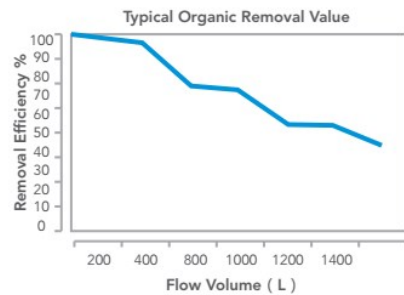
- Good adsorption capacity
- Remove efficiently the chlorine, peculiar smell, organics
- Low pressure drop, steady flow
- No carbon fine releasing

## Applications

- Drinking water
- Food and beverage
- Chemical and plating

## Product Specification

<b>Dimension</b>	[ End Cap OD ]: 65mm, 70mm, 115mm [ End Cap ID ]: 28mm, 30mm [ Length ]: 9.75", 9.87", 10", 20"
<b>Material of Constructions</b>	[ Media ]: acid washed Coal Based GAC [ End cap ]: PP [ Gasket ]: EPDM [ Netting ]: Polyethylene
<b>Performance</b>	[ Max. Operating temperature ]: 52 C [ Max. Operating DP ]: 7.2Bar@20 C [ Max. Operating Pressure ]: 10 Bar



## Ordering Information

EG: DLCTO-C-5-10

	End Cap Diameter		Removal Rating	Length
<b>DLCTO</b>	A = ID: 16.5mm	B = ID: 30mm	5 = 5µm	975 = 9.75" (248mm)
	OD: 48.5mm	OD: 65mm	10 = 10µm	987 = 9.87" (250mm)
	C = ID: 28mm	D = ID: 28mm		10 = 10" (254mm)
	OD: 70mm	OD: 115mm		20 = 20" (508mm)

# PAC Series



PAC Carbon Filter Cartridge is a new product developed by Darly based on market requirements. This cartridge is made from carbon powder and imported food-grade additives, also with NSF approved gaskets to ensure the product be safe and effective. Besides holding up particle impurities, getting rid of smells, this cartridge can also reduce chlorine and chloramine, heavy metal in water effectively. This will improve the safety of drinking water and some industrial using water a lot.

## Features

- Excellent adsorption capacity
- Remove efficiently the chlorine, peculiar smell, organics and heavy metals
- Good strength, fine integrity
- No pollution from product itself to ensure safe filtration

## Applications

- Drinking water
- Food and beverage
- Chemical and plating

## Product Specification

**Dimension** [ End Cap OD ]: 65mm, 70mm, 115mm  
 [ End Cap ID ]: 28mm, 30mm  
 [ Length ]: 9.75", 9.87", 10", 20"

**Material of** [ Media ]: Quality coconut carbon powder  
 [ End cap ]: PP

**Constructions** [ Gasket ]: EPDM  
 [ Netting ]: PE

**Performance** [ Max. Operating temperature ]: 52 C  
 [ Max. Operating DP ]: 7.2Bar@20 C  
 [ Max. Operating Pressure ]: 10 Bar



Tested and certified by NSF international to NSF/ANSI 42 for material requirement only.

## Ordering Information

EG: DLPAC-C-5-10

	End Cap Diameter		Removal Rating	Length
<b>DLPAC</b>	A = ID: 16.5mm	B = ID: 30mm	0.5 = 0.5µm	975 = 9.75" (248mm)
	OD: 48.5mm	OD: 65mm	1 = 1µm	987 = 9.87" (250mm)
	C = ID: 28mm	D = ID: 28mm	5 = 5µm	10 = 10" (254mm)
	OD: 70mm	OD: 115mm	10 = 10µm	20 = 20" (508mm)

# Melt Blown PP Series

PP Melt Blown Filter Cartridge is the standard one of Darly melt blow filter cartridge series. It is fusing and intertwined of polypropylene resin without any chemical glues. The cartridges are glued at random to form 3D micro pore which will make the cartridge 3 layers with fine fibers in surface and coarse fibers and deep filtration. As the fiber and density form high filtration rating and pollutants holding capacity on diameter of filter cartridge, low pressure drop, gradual changing deep filtration structure with loose outside and close inner, strong pollutants holding capacity, it can remove contaminant effectively, such as suspended substance, particulate and rust, providing efficient filtration and long service life.



## Features

- Three layers structure cartridge offers high dirt holding capacity, longer service life
- Formed by thermal bond without using any binders and adhesives
- 100% Pure Polypropylene will not cause any pollution to water
- Wide Chemical compatibility
- All kinds of adaptors are available.
- FDA compliance material

## Applications

- Pharmaceuticals
- Food and beverage
- Drinking water
- Chemical
- Plating
- Microelectronics
- RO security filtration

## Ordering Information

EG: DLPP-C-5-10-M-S-C

	Diameter	Removal Rating
<b>DLPP</b>	A = ID (15mm) ; OD (25mm)	1 = 1µm
	B = ID (20mm) ; OD (43mm)	3 = 3µm
	C = ID (28mm) ; OD (63mm)	5 = 5µm
	D = ID (28mm) ; OD (110mm)	10 = 10µm
	E = ID (28mm) ; OD (115mm)	25 = 25µm
	F = ID (30mm) ; OD (63mm)	50 = 50µm
		75 = 75µm
		100 = 100µm
		150 = 150µm

Length	End Cap Type	Seal Material	Core
975 = 9.75"	Blank = DOE	Blank = No	Blank = No
987 = 9.87"	(No End Caps) F = DOE	S = Silicone	C = PP core
10 = 10"	M = 222/Flat	E = EPDM	
20 = 20"	P = 222/Fin	B = NBR	
30 = 30"	T = 226/Flat	V = Viton	
40 = 40"	Q = 226/Fin		
50 = 50"			
60 = 60"			

## Product Specification

<b>Dimension</b>	[ OD ]: 25mm (ID 15mm)
	43mm (ID 20mm)
	63mm (ID 28mm, 30mm)
	110mm (ID 28mm)
	115mm (ID 28mm)
	[ ID ]: 15mm (OD 25mm)
	20mm (OD 43mm)
	28mm (OD 63mm, 110mm, 115mm)
	30mm (OD 63mm)
	[ Length ]: 9.75", 9.87", 10", 20", 30", 40", 50", 60"
<b>Material of Constructions</b>	[ Media ]: Polypropylene (PP)
	[ End cap ]: Polypropylene (PP)
	[ Gasket ]: Silicone, EPDM, NBR, Viton
	[ Core ]: Polypropylene (PP)
<b>Performance</b>	[ Max. Operating temperature ]: 65 C
	[ Max. Operating DP ]: 2.0 Bar @ 21 C

# Melt Blown PP-DG Series

PP Melt Blown Filter Cartridge-DG Series is fusing and intertwined of polypropylene resin without any chemical glues. The cartridges are glued at random to form 3D micro pore which will make the cartridge 3 layers with fine fibers in surface and coarse fibers and deep filtration. As the fiber and density form high filtration rating and pollutants holding capacity on diameter of filter cartridge, low pressure drop, gradual changing deep filtration structure with loose outside and close inner, strong pollutants holding capacity, it can remove contaminant effectively, such as suspended substance, particulate and rust, providing efficient filtration and long service life. Deep grooved surface highly extend the filtration surface area, which makes the filter has a higher flow rate and lower pressure drop.



## Features

- Three layers structure cartridge offers high dirt holding capacity, longer service life
- Formed by thermal bond without using any binders and adhesives
- 100% Pure Polypropylene will not cause any pollution to water
- Wide Chemical compatibility
- All kinds of adaptors are available.
- FDA compliance material
- Deep groove surface highly extend the filtration surface area.

## Applications

- Pharmaceuticals
- Food and beverage
- Drinking water
- Chemical
- Plating
- Microelectronics
- RO security filtration

## Ordering Information

EG: DLPP-C-5-10-M-S-C-DG

	Diameter	Removal Rating
<b>DLPP</b>	A = ID (28mm) ; OD (63mm)	1 = 1µm
	B = ID (28mm) ; OD (115mm)	3 = 3µm
	C = ID (30mm) ; OD (63mm)	5 = 5µm
		10 = 10µm
		25 = 25µm

Length	End Cap Type	Seal Material	Core
975 = 9.75"	Blank = DOE (No End Caps)	Blank = No	Blank = No
987 = 9.87"	F = DOE	S = Silicone	C = PP core
10 = 10"	M = 222/Flat	E = EPDM	
20 = 20"	P = 222/Fin	B = NBR	
30 = 30"	T = 226/Flat	V = Viton	
40 = 40"	Q = 226/Fin		

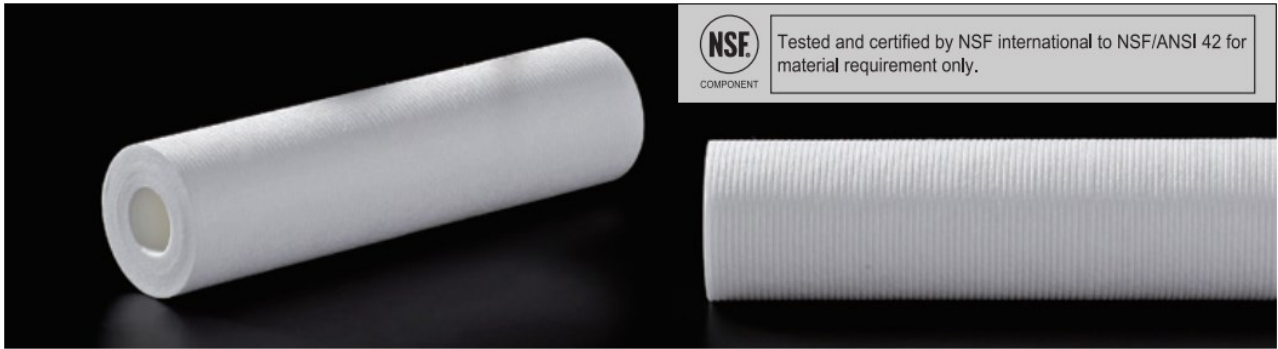
DG

## Product Specification

<b>Dimension</b>	[ OD ]: 63mm (ID 28mm,30mm) 115mm(ID 28mm) [ ID ]: 28mm (OD 63mm,115mm) 30mm(OD 63mm) [ Length ]: 9.75", 9.87", 10", 20", 30", 40"
<b>Material of Constructions</b>	[ Media ]: Polypropylene(PP) [ End cap ]: Polypropylene(PP) [ Gasket ]: Silicone, EPDM, NBR, Viton [ Core ]: Polypropylene(PP)
<b>Performance</b>	[ Max. Operating temperature ]: 65 C [ Max. Operating DP ]: 2.0Bar@21 C

# Melt Blown PP-MG Series

PP Melt Blown Filter Cartridge-MG Series is fusing and intertwined of polypropylene resin without any chemical glues. The cartridges are glued at random to form 3D micro pore which will make the cartridge 3 layers with fine fibers in surface and coarse fibers and deep filtration. As the fiber and density form high filtration rating and pollutants holding capacity on diameter of filter cartridge, low pressure drop, gradual changing deep filtration structure with loose outside and close inner, strong pollutants holding capacity, it can remove contaminant effectively, such as suspended substance, particulate and rust, providing efficient filtration and long service life. Mini grooved surface increases the surface area and make the cartridge has a better appearance.



Tested and certified by NSF international to NSF/ANSI 42 for material requirement only.

## Features

- Three layers structure cartridge offers high dirt holding capacity, longer service life
- Formed by thermal bond without using any binders and adhesives
- 100% Pure Polypropylene will not cause any pollution to water
- Wide Chemical compatibility
- Mini groove design to extend the filtration surface area.
- All kinds of adaptors are available.
- FDA compliance material

## Applications

- Pharmaceuticals
- Food and beverage
- Drinking water
- Chemical
- Plating
- Microelectronics
- RO security filtration

## Ordering Information

EG: DLPP-A-5-10-M-S-C-MG

	Diameter	Removal Rating
<b>DLPP</b>	A = ID (28mm) ; OD (63mm)	1 = 1µm
	B = ID (30mm) ; OD (63mm)	3 = 3µm
		5 = 5µm
		10 = 10µm
		25 = 25µm

Length	End Cap Type	Seal Material	Core
975 = 9.75"	Blank = DOE (No End Caps)	Blank = No	Blank = No
987 = 9.87"	F = DOE	S = Silicone	C = PP core
10 = 10"	M = 222/Flat	E = EPDM	
20 = 20"	P = 222/Fin	B = NBR	
30 = 30"	T = 226/Flat	V = Viton	
40 = 40"	Q = 226/Fin		

**MG**

## Product Specification

<b>Dimension</b>	[ OD ]: 63mm
	[ ID ]: 28mm,30mm
	[ Length ]: 9.75", 9.87", 10", 20", 30", 40"
<b>Material of Constructions</b>	[ Media ]: Polypropylene(PP)
	[ End cap ]: Polypropylene(PP)
	[ Gasket ]: Silicone, EPDM, NBR, Viton
	[ Core ]: Polypropylene(PP)
<b>Performance</b>	[ Max. Operating temperature ]: 65 C
	[ Max. Operating DP ]: 2.0Bar@21 C

# Melt Blown PP-H Series

PP Melt Blown Filter Cartridge-Hacklis Series is fusing and intertwined of polypropylene resin without any chemical glues. The cartridges are glued at random to form 3D micro pore which will make the cartridge 3 layers with fine fibers in surface and coarse fibers and deep filtration. As the fiber and density form high filtration rating and pollutants holding capacity on diameter of filter cartridge, low pressure drop, gradual changing deep filtration structure with loose outside and close inner, strong pollutants holding capacity, it can remove contaminant effectively, such as suspended substance, particulate and rust, providing efficient filtration and long service life. The orange surface which is not smooth extend the filtration surface area. Also better depth construction structure makes the filters has better dirt holding capacity.



Tested and certified by NSF international to NSF/ANSI 42 for material requirement only.

## Features

- Three layers structure cartridge offers high dirt holding capacity, longer service life
- Formed by thermal bond without using any binders and adhesives
- 100% Pure Polypropylene will not cause any pollution to water
- Wide Chemical compatibility
- Orange surface extend the filtration surface area
- All kinds of adaptors are available.
- FDA compliance material

## Applications

- Pharmaceuticals
- Food and beverage
- Drinking water
- Chemical
- Plating
- Microelectronics
- RO security filtration

## Ordering Information

EG: DLPP-A-5-10-M-S-C-H

	Diameter	Removal Rating
<b>DLPP</b>	A = ID (28mm) ; OD (63mm)	1 = 1µm
	B = ID (28mm) ; OD (115mm)	3 = 3µm
	C = ID (30mm) ; OD (63mm)	5 = 5µm
		10 = 10µm
		25 = 25µm
		50 = 50µm
		75 = 75µm
	100 = 100µm	
	150 = 150µm	

Length	End Cap Type	Seal Material	Core
975 = 9.75"	Blank = DOE	Blank = No	Blank = No
987 = 9.87"	F = DOE <small>(No End Caps)</small>	S = Silicone	C = PP core
10 = 10"	M = 222/Flat	E = EPDM	
20 = 20"	P = 222/Fin	B = NBR	
30 = 30"	T = 226/Flat	V = Viton	
40 = 40"	Q = 226/Fin		
50 = 50"			
60 = 60"			

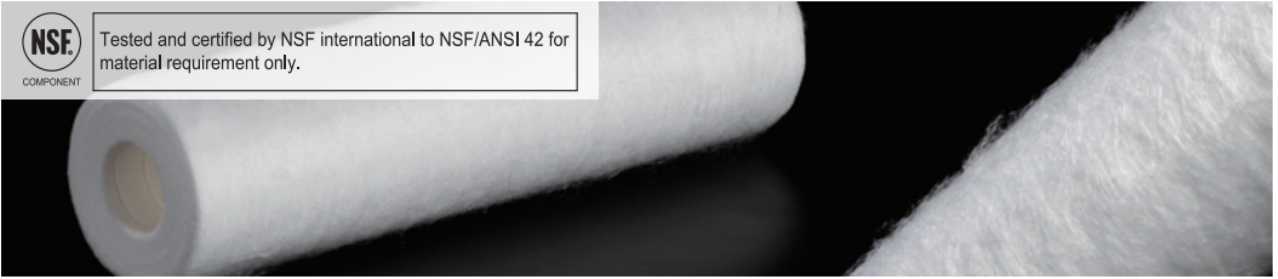
**H**

## Product Specification

<b>Dimension</b>	[ OD ]: 63mm (ID 28mm, 30mm) 115mm (ID 28mm) [ ID ]: 28mm (OD 63mm, 115mm) 30mm (OD 63mm) [ Length ]: 9.75", 9.87", 10", 20", 30", 40", 50", 60"
<b>Material of Constructions</b>	[ Media ]: Polypropylene (PP) [ End cap ]: Polypropylene (PP) [ Gasket ]: Silicone, EPDM, NBR, Viton [ Core ]: Polypropylene (PP)
<b>Performance</b>	[ Max. Operating temperature ]: 75°C [ Max. Operating DP ]: 2.0 Bar @ 21°C

# Melt Blown PP-P Series

PP Melt Blown Filter Cartridge-Purfine Series is fusing and intertwined of polypropylene resin without any chemical glues. The cartridges are glued at random to form 3D micro pore which will make the cartridge 3 layers with fine fibers in surface and coarse fibers and deep filtration. As the fiber and density form high filtration rating and pollutants holding capacity on diameter of filter cartridge, low pressure drop, gradual changing deep filtration structure with loose outside and close inner, strong pollutants holding capacity, it can remove contaminant effectively, such as suspended substance, particulate and rust, providing efficient filtration and long service life. The hairy surface increases the resistance to the liquid flow, which makes the filters has better dirt holding capacity.



Tested and certified by NSF international to NSF/ANSI 42 for material requirement only.

## Features

- Three layers structure cartridge offers high dirt holding capacity, longer service life
- Formed by thermal bond without using any binders and adhesives
- 100% Pure Polypropylene will not cause any pollution to water
- Wide Chemical compatibility
- Hairy surface makes the filters has better dirt holding capacity
- All kinds of adaptors are available
- FDA compliance material

## Applications

- Pharmaceuticals
- Food and beverage
- Drinking water
- Chemical
- Plating
- Microelectronics
- RO security filtration

## Ordering Information

EG: DLPP-A-5-10-M-S-C-P

	Diameter	Removal Rating
<b>DLPP</b>	A = ID (28mm) ; OD (63mm)	1 = 1µm
	B = ID (28mm) ; OD (115mm)	3 = 3µm
	C = ID (30mm) ; OD (63mm)	5 = 5µm
		10 = 10µm
		25 = 25µm
		50 = 50µm
		75 = 75µm
		100 = 100µm
		150 = 150µm

Length	End Cap Type	Seal Material	Core
975 = 9.75"	Blank = DOE (No End Caps)	Blank = No	Blank = No
987 = 9.87"	F = DOE	S = Silicone	C = PP core
10 = 10"	M = 222/Flat	E = EPDM	
20 = 20"	P = 222/Fin	B = NBR	
30 = 30"	T = 226/Flat	V = Viton	
40 = 40"	Q = 226/Fin		
50 = 50"			
60 = 60"			

**P**

## Product Specification

<b>Dimension</b>	[ OD ]: 63mm (ID 28mm,30mm) 115mm(ID 28mm) [ ID ]: 28mm (OD 63mm,115mm) 30mm(OD 63mm) [ Length ]: 9.75", 9.87", 10", 20", 30", 40", 50", 60"
<b>Material of Constructions</b>	[ Media ]: Polypropylene(PP) [ End cap ]: Polypropylene(PP) [ Gasket ]: Silicone, EPDM, NBR, Viton [ Core ]: Polypropylene(PP)
<b>Performance</b>	[ Max. Operating temperature ]: 75 °C [ Max. Operating DP ]: 2.0Bar@21 °C

# Melt Blown PP-D Series

Deltaflow filter cartridge is a high flow PP melt blown filter cartridge without core. It is fusing and intertwined of polypropylene resin without any chemical glues. The cartridges are glued at random to form 3D micro pore which will make the cartridge 3 layers with fine fibers in surface and coarse fibers and deep filtration. Large diameter extend to very high filtration surface area and high flow rate. This insures to reduce the number of filter cartridges and dimension of housing required. The long service life and high flow rate result in low investment and less manpower in many applications.



Tested and certified by NSF international to NSF/ANSI 42 for material requirement only.



## Features

- Three layers structure cartridge offers high dirt holding capacity, longer service life
- Formed by thermal bond without using any binders and adhesives
- 100% Pure Polypropylene will not cause any pollution to water
- Wide Chemical compatibility
- Large diameter extend to very high filtration surface area and high flow rate
- FDA compliance material

## Applications

- Pharmaceuticals
- Food and beverage
- Drinking water
- Chemical
- Plating
- Microelectronics
- RO security filtration

## Ordering Information

EG: DLPP-A-5-10-D

	Diameter
<b>DLPP</b>	A = ID (112mm) ; OD (152mm)
	B = ID (115mm) ; OD (155mm)

Removal Rating	Length
1 = 1µm	975 = 9.75"
3 = 3µm	987 = 9.87"
5 = 5µm	10 = 10"
10 = 10µm	20 = 20"
25 = 25µm	30 = 30"
50 = 50µm	40 = 40"
75 = 75µm	50 = 50"
100 = 100µm	60 = 60"
150 = 150µm	

**D**

## Product Specification

<b>Dimension</b>	[ OD ]: 152mm (ID 112mm)
	155mm (ID 115mm)
	[ ID ]: 112mm (OD 152mm)
	115mm (OD 155mm)
	[ Length ]: 9.75", 9.87", 10", 20", 30", 40"
<b>Material of Constructions</b>	[ Media ]: Polypropylene (PP)
<b>Performance</b>	[ Max. Operating temperature ]: 65 C
	[ Max. Operating DP ]: 2.0 Bar @ 21 C



# Melt Blown Nylon Series

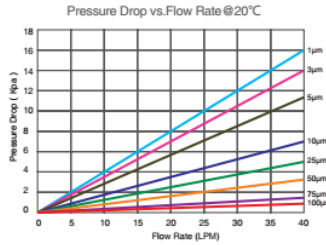
Nylon Melt Blown Depth Filter Cartridge is fused and intertwined of micro-denier nylon fiber without any chemical glues. It is designed for those applications where PP melt blown filters are not suitable. The fibers in this filter is for practical purposes continuous. As a result, the filters show no media migration and minimal extractables. Nylon Melt Blown Depth Filter Cartridges are suitable for high temperature applications as well as applications involving solvents, hydrocarbons and aromatics. Also the filters can add cores to increase their strength.

## Applications

- Paint
- Cosmetic
- Resin coating
- Fine Chemical
- Petrochemical
- Pharmaceutical
- Food and beverage

## Features

- Excellent chemical compatibility,
- High temperature resistance up to 120 °C
- Range of filtration ratings from 1µm to 100µm
- Especially to solvents, hydrocarbons and aromatics
- Graded density structure for maximum dirty holding capacity
- Micro-denier melt blown Nylon fiber, high removal ratings and low pressure drop
- No chemical adhesive used, high cleanliness products which are compliance with FDA requirements



## Ordering Information

EG: DLNL-5-10-M-S-P

	Removal Rating	Length
<b>DLNL</b>	1 = 1µm	975 = 9.75" (248mm)
	3 = 3µm	987 = 9.87" (250mm)
	5 = 5µm	10 = 10" (254mm)
	10 = 10µm	20 = 20" (508mm)
	25 = 25µm	30 = 30" (762mm)
	50 = 50µm	40 = 40" (1016mm)
	75 = 75µm	
	100 = 100µm	

End Cap Type	Seal Material	Core
Blank = DOE (No End Caps)	Blank = No	Blank = No
F = DOE	S = Silicone	P = Glass Fiber
M = 222/Flat	E = EPDM	Filled PP
P = 222/Fin	B = NBR	N = Nylon
T = 226/Flat	V = Viton	
Q = 226/Fin		

## Product Specification

**Dimension** [ OD ]: 63mm  
[ ID ]: 28mm  
[ Length ]: 9.75", 9.87", 10", 20", 30", 40"

**Material of** [ Media ]: Nylon  
[ Core ]: Glass fiber filled PP, Nylon

### Constructions

**Performance** [ Efficiency ]: >90%  
[ Max. Operating temperature ]: 120 °C  
Glass fiber filled PP core max. 82 °C  
[ Max. Operating DP ]:  
1-25µm, 2.5bar  
50-100µm, 1.0bar (without core)

# Melt Blown Antibacterial Series

CareGo Antibacterial Melt Blown Filter Cartridge is a new type high quality filter cartridge developed by Darly. It can meet safer and healthier filtration requirements. With the additive silver ion antibacterial ingredient to PP melt blown filter cartridges, the filters will have bacteriostatic function. They will highly ensure the drinking safety of water besides filtration efficiency and dirty holding capacity.

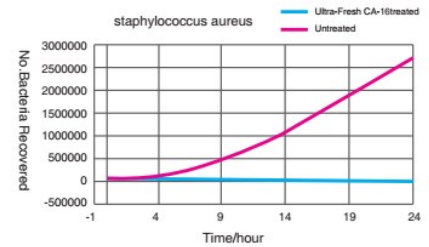
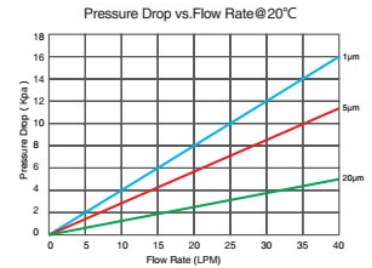


## Features

- Range of filtration ratings from 1µm to 100µm
- Graded density structure for maximum dirt holding capacity
- Additive silver ion antibacterial ingredient to ensure the drinking safety
- Micro-denier melt blown PP fiber, high removal ratings and low pressure drop
- Safe materials and high cleanliness products which are compliance with FDA requirements

## Applications

- Food and beverage
- Bottled water production
- Household water dispenser, water purification system
- Commercial water purification system, drinking water system



## Ordering Information

EG: DLCGBB-1-10

Code

**DLCG (OD63mm)**  
**DLCGBB (OD115mm)**

Removal Rating	Length
1 = 1µm	975 = 9.75" (248mm)
5 = 5µm	987 = 9.87" (250mm)
10 = 10µm	10 = 10" (254mm)
20 = 20µm	20 = 20" (508mm)
50 = 50µm	30 = 30" (762mm)
75 = 75µm	40 = 40" (1016mm)
100 = 100µm	

## Product Specification

<b>Dimension</b>	[ OD ]: Ø 63mm, 115mm
	[ ID ]: Ø 28mm
	[ Length ]: 9.75", 9.87", 10", 20", 30", 40"
<b>Material of Constructions</b>	[ Media ]: PP fiber (with antibacterial ingredient)
<b>Performance</b>	[ Efficiency ]: >90%
	[ Max. Operating temperature ]: 65 °C
	[ Max. Operating DP ]: 2.5bar

# Melt Blown DS Series

Melt Blown DS Series filter cartridges are constructed of conjugated fiber. The conjugated fiber can be thermally bonded because of the difference in melt temperature between two components. Accordingly, the stability and uniformity of the filter pores are better than other filters for better filtration performance.



## Features

- High dirt holding capacity, long service life
- High flow rate
- Free of media migration
- Withstand high differential pressure
- Very stable pore size
- Excellent chemical compatibility

## Applications

- Microelectronics
- Pharmaceuticals
- Food and beverage
- Chemical
- Water treatment

## Product Specification

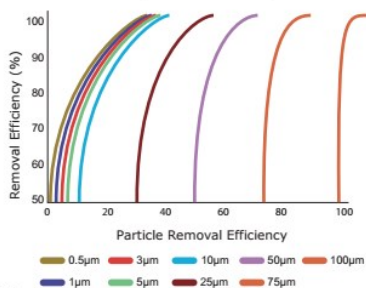
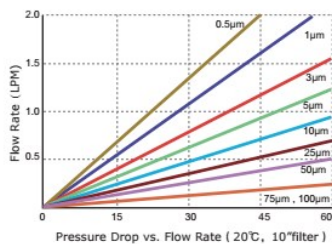
<b>Dimension</b>	[ OD ]: 65-68mm [ ID ]: 30mm [ Length ]: 5", 10", 20", 30", 40"
<b>Material of Constructions</b>	[ Media ]: Conjugated fiber (PP+PE)
<b>Performance</b>	[ Removal Rating( $\mu\text{m}$ ) ]: 0.5, 1, 3, 5, 10, 25, 50, 75, 100 [ Max. Operating Temperature ]: 80 °C [ Max. Operating DP ]: 4.8bar(70PSI)@25 °C

## Ordering Information

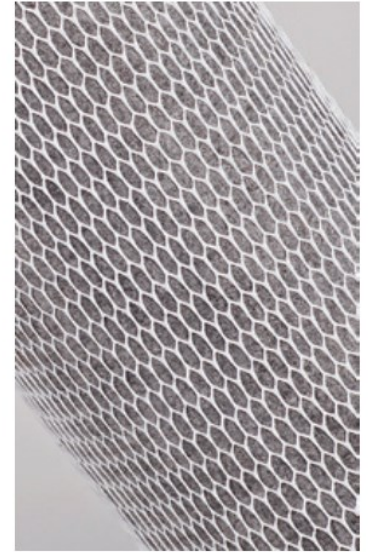
Example: MBDS-5-10-M-S

	Removal Rating	Length
<b>MBDS</b>	0.5 = 0.5 $\mu\text{m}$	5 = 5"
	1 = 1 $\mu\text{m}$	10 = 10"
	3 = 3 $\mu\text{m}$	20 = 20"
	5 = 5 $\mu\text{m}$	30 = 30"
	10 = 10 $\mu\text{m}$	40 = 40"
	25 = 25 $\mu\text{m}$	
	50 = 50 $\mu\text{m}$	
	75 = 75 $\mu\text{m}$	
	100 = 100 $\mu\text{m}$	

End Cap Type	Seal Material
Blank = DOE (No End Caps)	Blank = No
F = DOE	S = Silicone
M = 222/Flat	E = EPDM
P = 222/Fin	B = NBR
T = 226/Flat	V = Viton
Q = 226/Fin	



# Carbon Cellulose CIC Series



Carbon Impregnated Cellulose (CIC) Filter Cartridges combine the performance of depth filtration with the absorption of activated carbon fine. The outside deep filter media can remove particles while the activated carbon held within the filter cloth can absorb the smell, odor, sediment, pigment, VOC, and organic chemicals. The inside fiber filter prevents carbon particles and fine pollutants from passing through, thus increasing an efficient quality and integrated filtration.

## Applications

- Drinking water
- Food and beverage
- Chemical
- Microelectronics

## Features

- Nominal 10 micron removal rating
- Excellent dirt-holding capacity
- Filtration and adsorption finished in one time process

## Product Specification

<b>Dimension</b>	[ OD ]: 2.28"(58mm), 4.5"(115mm) [ ID ]: 1.10"(28mm) [ Length ]: 9.75"(248mm), 9.87"(250mm), 10"(254mm), 20"(508mm)
<b>Material of Constructions</b>	[ Media ]: Carbon Impregnated Cellulose [ End Cap ]: PP [ Center Core ]: PP [ Netting ]: PE
<b>Performance</b>	[ Max. Operating temperature ]: 60 °C

## Ordering Information

EG: BCIC-BB-10-20

	Outside Diameter
<b>BCIC</b>	Blank =2.28" (58mm) BB=4.5" (115mm)
Removal Rating	Length
10 = 10µm	975 = 9.75" (248mm) 987 = 9.87" (250mm) 10 = 10" (254mm) 20 = 20" (508mm)

# Capsule829 Series



Capsule829 Series capsule filter has unique integrated structure, it is more convenient and safe. No need to clean the filter after replacing, which greatly reduces the cost of cleaning and waste water treatment, also can avoid operators contact with feed liquid directly, particularly suitable for toxic and harmful liquid filtration.

## Features

### [ Safe and friendly design ]

Integrated structure design can prevent material leakage when replacing, throttle valve prevent feed liquid overflow, avoid operators contact with feed liquid directly. The housing is designed to isolate the filter cartridge and stainless steel filter, avoiding the overflow of the feed liquid to pollute the working environment.

### [ Low material wastage ]

Compact structure design, filter close to the shell, minimize the material residual, reduce the investment.

### [ Varieties specifications ]

According to the actual production process needs, select the different specification filter to meet the different applications.

### [ Easy installation and operation ]

Integrated structure design shorten the replacement time, no need to clean the filter after replacing. Greatly reduces the time and cost of manpower.

## Ordering Information

EG: B829LG100E

	Code	Media
<b>B</b>	829N	G = PP
	829S	
	829L	
	829X	

Removal Rating	Seal Material
50 = 50µm	E=EPDM
75 = 75µm	V=Viton
100 = 100µm	F= E-FKM
150 = 150µm	

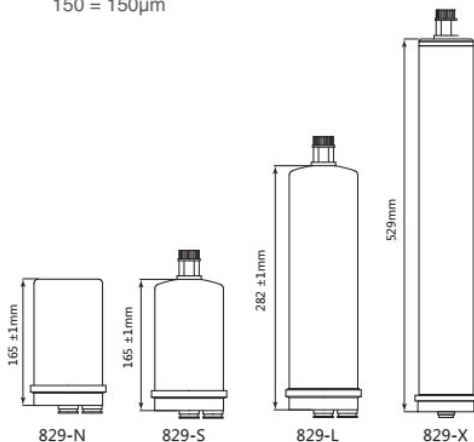
## Applications

- Battery manufacturing
- Chemical
- Microelectronics
- Paints & Coatings

## Product Specification

<b>Material of Constructions</b>	[ Media ]: PP
	[ Cage/Connection ]: PP

<b>Performance</b>	[ Max. Operating temperature ]: 60 °C
	[ Max. Operating DP ]: 4 bar @ 21 °C



# Capsule Series

Capsule Filters are ready-to-use units for critical applications and small volume flows of gases and liquids. All filter units consist of a durable polypropylene housing and are available in various filter media and pore sizes. The housing units are thermal welded and all capsule filters have many connection options. They are manufactured in a clean room environment and are processes in double sealed packaging to avoid any possible contamination.

## Features

- Many kinds of filter media and removal rating
- Made in the clean environment and always keep clean situation
- Absolutely bio-safety and non-toxic
- Have many kinds of capsule size. According to flow rate and flow speed to choose the correct filter, because different capsule length have his own effective filtration area

## Applications

- Pharmaceuticals
- Food and beverage
- Chemical
- Microelectronics
- Cosmetics
- Ink

## Product Specification

<b>Material of Constructions</b>	[ Media ]: PP、PES、PTFE、Nylon6、GF
	[ Housing ]: PP
	[ Support ]: PP
	[ Sealing ]: Thermally Welded
<hr/>	
<b>Performance</b>	[ Removal Rating ]:
	PP: 0.1μm、0.22μm、0.45μm、1μm、3μm、5μm、10μm、20μm、30μm、50μm
	PES: 0.1μm、0.22μm、0.45μm、0.65μm、0.8μm、1.2μm
	PTFE(Liquid): 0.1μm、0.22μm、0.45μm
	PTFE(Gas): 0.01μm、0.02μm
	Nylon6: 0.1μm、0.2μm、0.45μm、0.65μm、1μm
	GF: 0.45μm、1μm、3μm、5μm、10μm、20μm



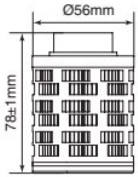
## Ordering Information

EG: 709-PES-0.45

Code											Media	
116-2.5	149	227	415	519	555	624	703	711	737	743	831L	PP = polypropylene
116-5	150	306-1	416	523	558	656	704	712	738	753	831S	PES = Polyethersulfone
128	151	306-2	418	532	601	657	707	722	740	754	845	PTFE = Polytetrafluoroethylene
136	152	325	505	553	620	662	709	726	741	759	X44	N6 = Nylon 6
148	219	414	517	554	621	702	710	734	742	761		GF = Glass Fiber

## Removal Rating

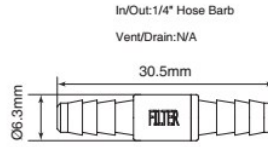
PP	PES	PTFE (Liquid)	PTFE(Gas)	Nylon6	Glass Fiber
0.1 = 0.1μm	0.1 = 0.1μm	0.1 = 0.1μm	0.01 = 0.01μm	0.1 = 0.1μm	0.45 = 0.45μm
0.22 = 0.22μm	0.22 = 0.22μm	0.22 = 0.22μm	0.02 = 0.02μm	0.2 = 0.2μm	1 = 1μm
0.45 = 0.45μm	0.45 = 0.45μm	0.45 = 0.45μm		0.45 = 0.45μm	3 = 3μm
1 = 1μm	0.65 = 0.65μm			0.65 = 0.65μm	5 = 5μm
3 = 3μm	0.8 = 0.8μm			1 = 1μm	10 = 10μm
5 = 5μm	1.2 = 1.2μm				20 = 20μm
10 = 10μm					
20 = 20μm					
30 = 30μm					
50 = 50μm					



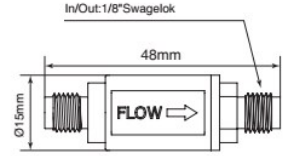
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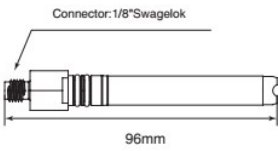
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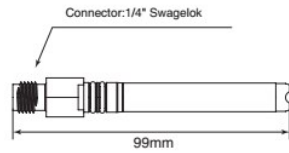
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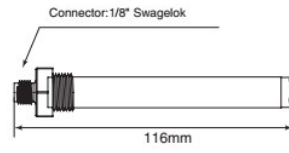
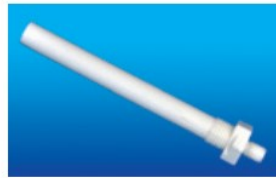
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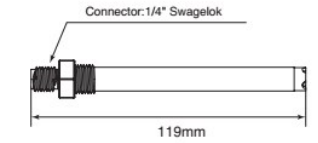
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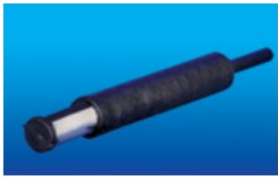
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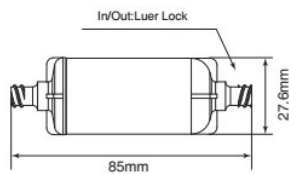
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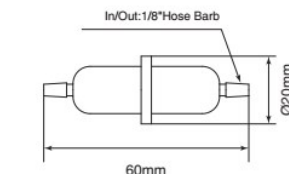
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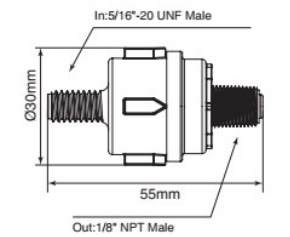
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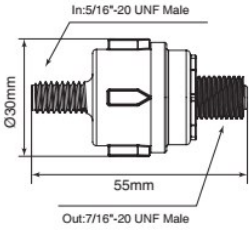
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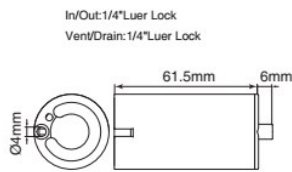
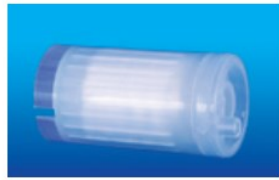
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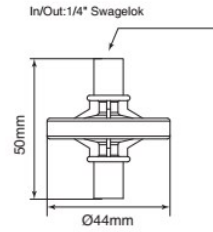
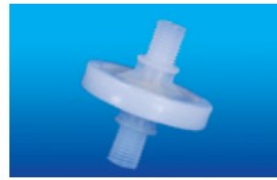
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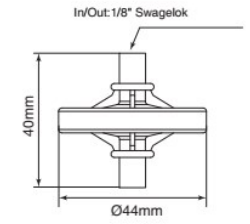
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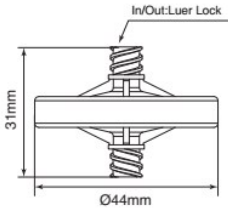
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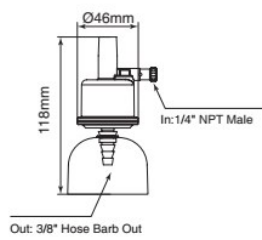
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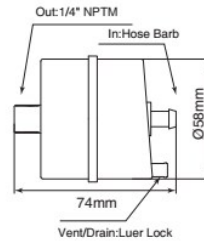
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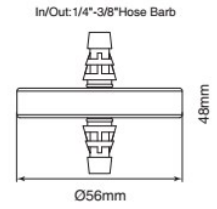
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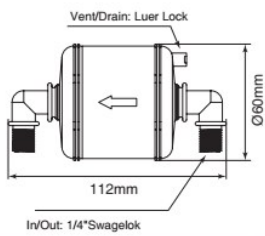
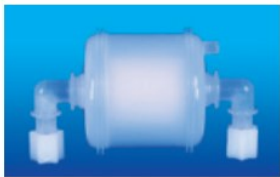
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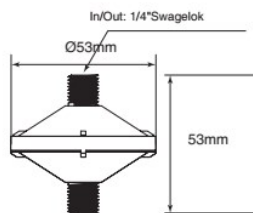
**Code:505**



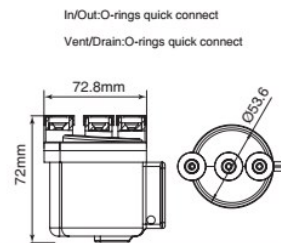
**Code:517**



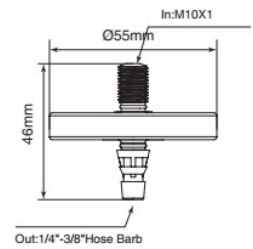
**Code:519**



**Code:523**

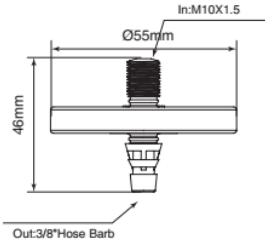


**Code:532**

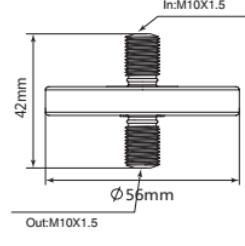
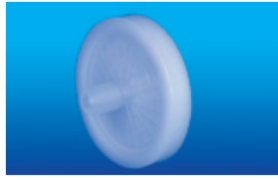


**Code:553**

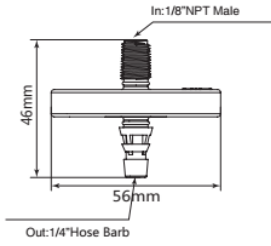
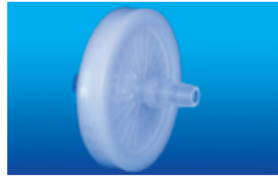




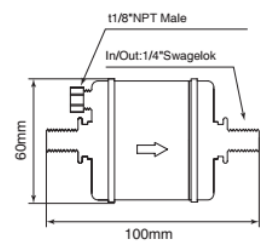
**Code:554**



**Code:555**



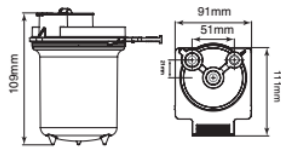
**Code:558**



**Code:601**



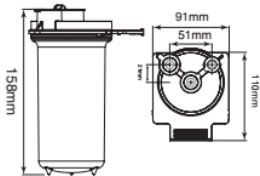
In/Out: O-rings quick connect  
Vent/Drain: O-rings quick connect



**Code:620**



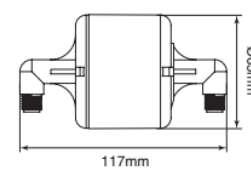
In/Out: O-rings quick connect  
Vent/Drain: O-rings quick connect



**Code:621**



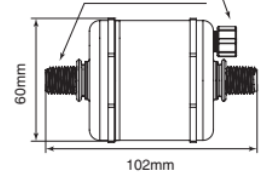
In/Out: 1/4\"/>



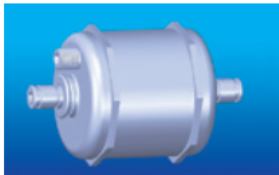
**Code:624**



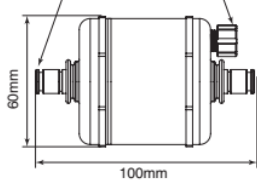
Vent/Drain: 1/8\"/>



**Code:656**



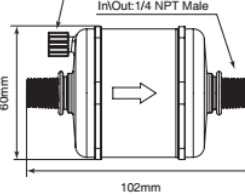
In/Out: 1/4\"/>



**Code:657**



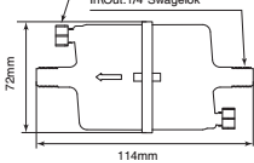
Vent/Drain: 1/8\"/>



**Code:662**



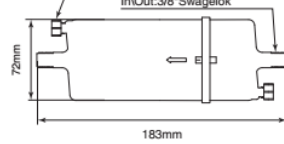
Vent/Drain: 1/4\"/>



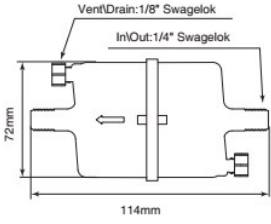
**Code:702**



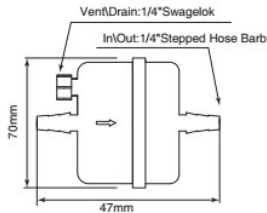
Vent/Drain: 1/4\"/>



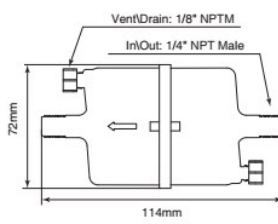
**Code:703**



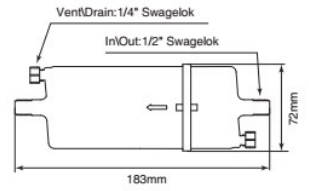
**Code:704**



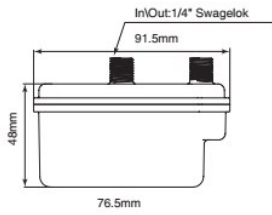
**Code:707**



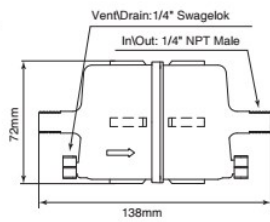
**Code:709**



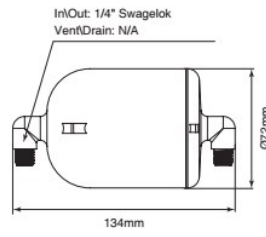
**Code:710**



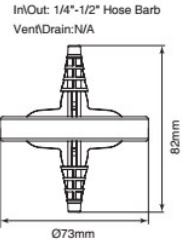
**Code:711**



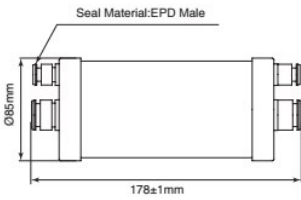
**Code:712**



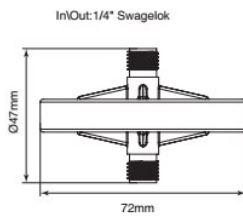
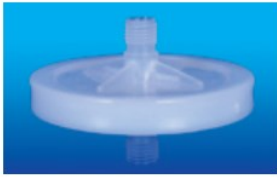
**Code:722**



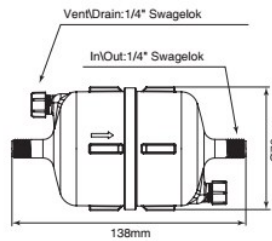
**Code:726**



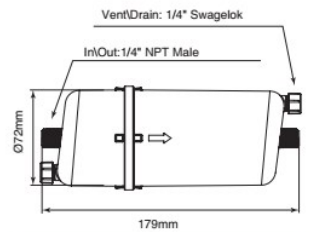
**Code:734**



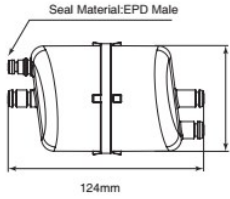
**Code:737**



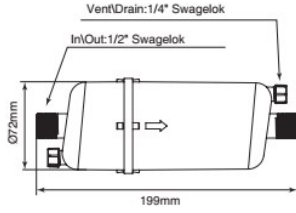
**Code:738**



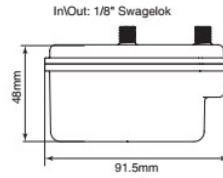
**Code:740**



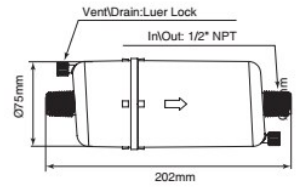
**Code:741**



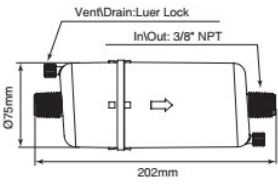
**Code:742**



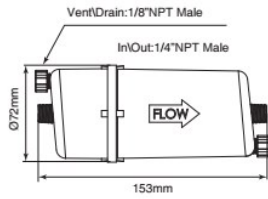
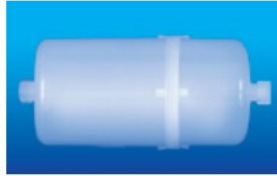
**Code:743**



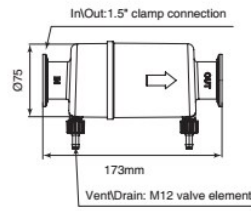
**Code:753**



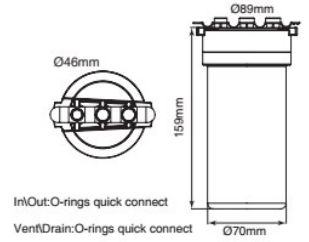
**Code:754**



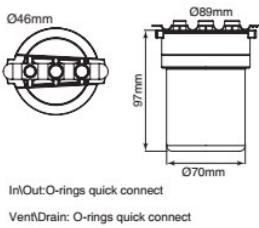
**Code:759**



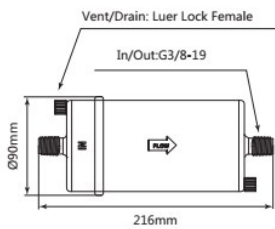
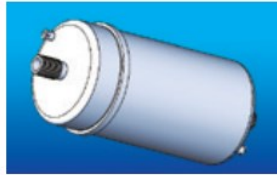
**Code:761**



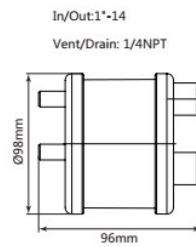
**Code:831L**



**Code:831S**



**Code:845**



**Code:X44**

# PP Filter Housing 222 Series

PP Filter Housing-222 Series is made from pure polypropylene material, light weight and simple configuration design makes the installation and operation easier. The housing is designed to fit 10" and 20" 222 single open end cartridge. The transparent housing bowl can be easily observed with the naked eye to determine whether the internal filter cartridge need to replace. It can be used in the filtration of water and general chemicals in kinds of industry.



## Features

- Made from pure virgin PP, low precipitation
- Accepts 10" and 20" 222 O-rings style cartridge, flat closed end
- Wide chemical compatibility
- Transparent housing bowl enables visual inspection of the cartridge

## Applications

- Pharmaceuticals
- Food and beverage
- Chemical
- Microelectronics
- Cosmetics
- Ink

## Product Specification

<b>Dimension</b>	[ Head ]: Pure Virgin PP
	[ Bowl ]: Pure Virgin PP
	[ Mounting bracket ]: Stainless Steel
	[ Sealing ]: EPDM, Viton, NBR
<b>Material of Constructions</b>	[ Inlet/Outlet ]: 3/4" NPT
	[ Vent ]: 1/4" NPT
	[ Drain ]: 1/4" NPT
<b>Performance</b>	[ Max. Operating temperature ]: 60 °C
	[ Max. Operating DP ]: 6bar@21 °C

## Ordering Information

EG: B222G10E

	Length	Seal Material
<b>B222G</b>	10 = 10"	E=EPDM
	20 = 20"	V=Viton
		B=NBR

# PP Filter Housing 226 Series

PP Filter Housing-226 Series is made from pure polypropylene material, light weight and simple configuration design makes the installation and operation easier. The housing is designed to fit 10" and 20" 226 single open end cartridge. The material used is safe and low precipitation. It can be used in the filtration of water and general chemicals in kinds of industry.

## Features

- Made from pure virgin PP, low precipitation
- Accepts 10" and 20" 226 O-rings style cartridge, flat closed end
- Wide chemical compatibility

## Applications

- Pharmaceuticals
- Food and beverage
- Chemical
- Microelectronics
- Cosmetics
- Ink

## Product Specification

<b>Dimension</b>	[ Head ]: Pure Virgin PP [ Bowl ]: Pure Virgin PP [ Sealing ]: EPDM, Viton, NBR
<b>Material of Constructions</b>	[ Inlet/Outlet ]: DN40, JIS40A [ Vent ]: 1/4" NPT [ Drain ]: 1/4" NPT
<b>Performance</b>	[ Max. Operating temperature ]: 60 C [ Max. Operating DP ]: 6bar@21 C

## Ordering Information

EG: B226G10DE

	Length	Connections	Seal Material
<b>B226G</b>	10=10"	D=DN40	E=EPDM
	20=20"	J=JIS40A	V=Viton
			B=NBR



# PP Filter Housing 334 Series

PP Filter Housing-334 Series is made from PP, PC, PVC materials which have good chemical compatibility. Simple configuration design makes the installation and operation easier. The housing is designed to fit 10" 334 single open end cartridge. The material used is safe and low precipitation. It can be used in the filtration of water and general chemicals in kinds of industry.

## Features

- Safety materials, low precipitation
- Accepts 10" 334 O-rings style cartridge
- Wide chemical compatibility

## Applications

- Pharmaceuticals
- Food and beverage
- Chemical
- Microelectronics
- Cosmetics
- Ink

## Product Specification

<b>Dimension</b>	[ Head ]: PP [ Bowl ]: PC [ Clamp ring ]: PP [ Connector ]: PVC [ Nut ]: PVC [ Sealing ]: EPDM, Viton, NBR
<b>Material of Constructions</b>	[ Inlet/Outlet ]: 40A(48.4mm)、50A (60.4mm) [ Vent ]: 3/8"PTF [ Drain ]: 3/8"PT
<b>Performance</b>	[ Max. Operating temperature ]: 60°C [ Max. Operating DP ]: 6bar@21°C

## Ordering Information

EG: B334H40AE

	Inlet/Outlet	Seal Material
<b>B334H</b>	40A=48.4mm	E=EPDM
	50A=60.4mm	V=Viton
		B=NBR

