

Make Water Pure



♦ String Wound Filter Cartridge

String wound filter cartridges are manufactured of 100% pure polypropylene &cotton yarn.

They are structured with tight inside layer and loose outside layer, highly demanded due to great dirt hold capacity. Its rugged construction meets different applications in liquid and gas filtration.

The filter has a integrated inner core, making the whole cartridge can bear a high pressure.

Filter media: Polypropylene yarn,cotton yarn

Core: Polypropylene core, SS304 core, SS316 core

Length:5",10",20",30",40"

Micron: 1um,5um,10um,25um,50um,75um,100um

Outer diamater: 2.5",4.5",customerized size

Inner diameter: 28mm,30mm

Operation temperature: 60°C for PP yarn with pp core

120°C for cotton yarn with SS core



PRE-FILTER CARTRIDGES

The Polypropylene melt blown filter cartridges are made of 100% pure polypropylene fiber.

They are designed in a dual gradient, 3 layers from inner to surface.

Filter Media:Polypropylene

Filter Rate:1um,5um,10um,20um,30um,50um,75um,100um

Length:5",10",20",30",40",customerized size Outer diameter:2.5",4.5", customerized size Inner diameter: 28mm, customerized size

Max operating temperature:52°C Max operating pressure:2.0 Bar



Granular carbon&carbon block filter cartridges, use high iodine value carbon, to reduce the chlorine, odor, and bad taste in the water.

Filter Media: water-washed coconut carbon, acid-washed coconut carbon

Filter rate:5um,10um,20um

Length:5",10",20",30",40",customerized size Outer diameter:2.5",4.5", customerized size Inner diameter: 28mm, customerized size

Gasket material: Silicon, EPDM, NBR Max operating temperature: 52°C





Pleated Filter Cartridge

PP Pleated filter cartridges ,made of 100% Polypropylene material,are designed for filtration applications like pharmaceutical science,biotech,industry, semi-conductor,food,beverages,brewing etc.





PES filter cartridges ,made of Poly Ether Sulphone membrane, are widely used in sterilization filtration of antibiotic aqueous solution &biological industry, cleaning fluid and disinfectant sterilizing.

PTFE filter cartridges,made of Poly Tetra Fluoro Ethylene membrane, are designed for sterile filtration applications of liquid,air,gas streams.



Filter Media: PP,PES,PTFE,Nylon,Glass fiber membrane

Filter Rate: 0.1um,0.22um,0.45um,1um,3um,5um,10um,20um,50um,100um

Length:10",20",30",40",customerized sizes

End Cap style: DOE;222,Fin,Flat;226,Fin,Flat

O-ring/Gasket:Silicon, EPDM, Buna N

♦ High Flow Filter Cartridge (вмтнг)

BMTHF Series use deep-layer PP fiber membrane or glass fiber membrane, are designed with single-open ended. They have a wide diameter to 6"(152mm), and the high flow can improve the efficiency and save cost apparently.

The liquid flow direction, from inner to outer, to make sure all contaminants can be held with the elements. The multiple layers design provides a higher removal efficiency and longer service life. Also the good compatibility of the material enables them a wide applications

Filter Media: Polypropylene, glass fiber membrane Micron rating: 0.5um, 1um, 3um, 5um, 10um, 20um

Outer Diameter: 152mm Length: 20",40",60"

Seal material: Silicone, EPR, FKM, Teflon

Max operating temperature: 80°C





♦ High Flow Filter Cartridge (ВМТЕВ)

BMTFB high flow filter cartridges are made of high performance deep-layer PP fiber membrane. The lateral pleat design maximizes the filtration area and enables them with a longer service life. Multiple layers also ensure the high contaminants holding capacity. The high flow rate can save the cost on filters and labor cost under the same circumstances

Outer Diameter: 165mm

Length: 20",40",60"

Filter media: Polypropylene

Micron rating: 0.5um,1um,3um,5um,10um,20um,100um

Seal material: Silicone, EPR, FKM, Teflon

Max operating temperature: 80°C





♦ High Flow Filter Cartridge (ВМТН FA)

BMTHFA series use polypropylene fiber membrane, offering an alternative to 2.5"ID filter cartridge in the high flow applications. Max filtration capacity can reach 1300L/min.

They can reduce the number of filter cartridges and save cost effectively.

Outer diameter: 152mm

Length:20",40"

Filter media: Polypropylene, glass fiber

Micron rating: 0.5um,1um,3um,5um,10um,20um,100um

Seal material: Silicone, EPR, FKM, Teflon

Max operating temperature: 80° C



♦ High Flow Filter Cartridge (HFBAG)

HFBAG Series, made of high-quality pleated depth polypropylene, can be easily installed with bags filters. They combine the advantages of pleated filters cartridges and bag filters. The pleated design offers more effective filtration area, which also makes longer service life and lower operation cost of the cartridge.

Outer Diameter: 152mm

Length: 16" for Size 1 bag filter, 32" for Size 2 bag filter

Filter media: Polypropylene

Micron rating: 0.5um,1um,3um,5um,10um,20um,100um

Seal material:EPDM,NBR

Max operating temperature: 70°C





♦ Bag Filters

BMT welded filter bags, are designed for high precision filtration, adopt advanced seamless welding technology, to avoid the pin-hole leak in the traditional sewn filter bags. They are suitable for a higher filtration requirement.

BMT welded filters bags have a wide micron rating range, from 0.5um-300um, available with SS304, Zinc Pleated, PP, PE O-rings.

Max operating temperature: 80°C

Bags Construction: Welded Filte Media: PP,PE,NYLON

Micron: 0.5um,1um,5um,10um,25um,50um,80um,100um

Ring material:SS304 、 PP,PE、 Zinc pleated

Bag Size:	Max Flow (m3/h)	Filter Area (m2)	Volume	Diameter	Length
Size 1#	20	0.25	8	7"	17"
Size 2#	40	0.5	17	7"	32"
Size 3#	6	0.09	1.3	4"	9"
Size 4#	12	0.16	2.5	4"	15"



♦ Filter Housing

·Housing length:10",20"

·Inlet/Outlet:3/4",1",1.25",1.5";Plastic or Brass port

·Accept 10"*4.5", 20"*4.5"filter cartridges

·Max Operating Pressure: 10"-125PSI

20"-90PSI

·Max Operating Temperature: 50°C





·Housing Length:20"

·Inlet/outlet:1/2",3/4",1";brass/plastic port

·Accept 2.5*20" filter cartridges

·Max Operating Pressure: 125PSI

·Max Operating Temperature:50°C

1st Stage: transparent BB Housing with BB

Sediment filter cartridge

2nd Stage: BB Housing with BB Granular filter

cartridge

3rd Stage: BB Housing with BB Carbon Block

filter cartridge



♦ RO Housing

Housing length: 10"

Inlet/Outlet: 1/4", 1/2", 3/4'

O-ring: single&double

Accept 10*2.5" filter cartridges

Max Operating Pressure: 125PSI

Max Operating Temperature: 50℃



♦ Inline Filters

As the last stage of a RO system, inline filter cartridges' function can be various with different kinds of filter media, which include carbon, sediment, resin, mineral ball, alkaline ball, silver carbon, infrared ball...

Inlet/Outlet: Thread/Quick connection

Size:2"*10",2.5"*12"



♦ Polyester Pleated Filter Cartridge

Polyester pleated filter cartridges are made of non-woven polyester membrane, The pleated design increases surface area and high efficiency of contaminant removal. They are widely used in residential, commercial, and industrial applications

Filter Media: Polyester

Inner core&End Cap: Polypropylene

Filter Rate:1um,5um,10um,20um,50um

Length:5",10",20",30",40"

Outer/Inner diameter:68mm,115mm/28mm,or other sizes as customerized

Maximum operating temperature: 52℃



