String Wound Filter Cartridge

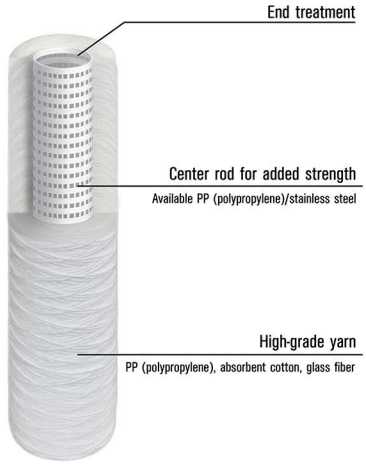
INTRODUCTION

[Filtration Media]: PP (polypropylene), absorbent cotton, glass fiber
[Center Core]: PP (polypropylene)/stainless steel
[End Cap]: PP (Polypropylene)
[O-Rings/Gaskets]: Silicone rubber/EPDM rubber/NBR rubber/Viton rubber
[Connection process]: It is made by winding it precisely on the porous skeleton using a specific process
[Typical applications]: Seawater RO pretreatment, desalination of seawater, ink processing, food and beverage industry, biopharmaceutical industry, microelectronics industry, chemical industry, petroleum industry

PRODUCT FEATURES

- Deep filtration, good chemical compatibility
- The filter aperture is small inside and large outside, with good deep filtration effect
- The filter element is made of different materials to ensure the requirements of various liquid filter elements and achieve ideal filtration effects.
- High filtration accuracy, small pressure difference, large flow rate, large dirt holding capacity and long service life.

PRODUCT STRUCTURE DIAGRAM

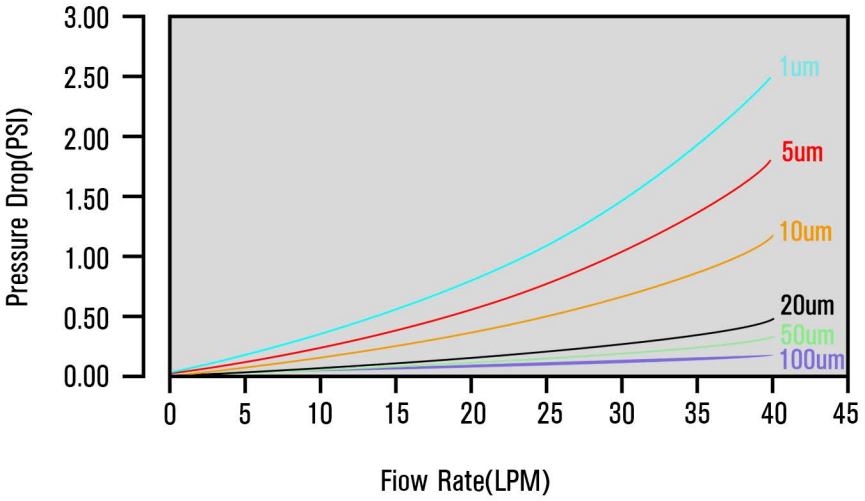


Multiple precision options,
All materials comply with CFR 21 requirements

PP FILTER CARTRIDGE SPECIFICATIONS

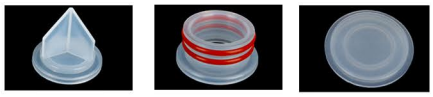
Product Size	Filtration accuracy: 1um,3um,5um,10um,20um,30um,50um,70um,100um
	Length: 10"(250mm),20"(500mm),30"(750mm),40"(1000mm),50"(1270mm)
	Diameter: OD.60mm/62mm/68mm/114mm;ID.28mm/30mm
End Cap Type	Port type: 215,222,High 222,226,Triangle tip,Semi-winged tip,Flat peak cover,Flat
Operating Conditions	Temperature(Max): Polypropylene ≤ 60°C, Absorbent cotton ≤ 120°C,
	Glass fiber ≤ 250°C
	Differential Pressure (Max): ≤0.25MPa/20°C
	Highest flow(M^2/h): 0.3,0.4,0.5,1.1,1.5,2,2.5
Note	Stainless steel insert option required for all cartridges being hot water
	sanitized or steam sterilized

PURE WATER FLOW RATE TEST DATA



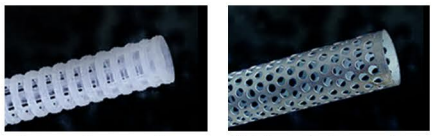
END CAPS AND CENTER ROD DISPLAY

Commonly used interfaces are as follows, other models are welcome to consult.



Triangle tip | 222 | Flat peak cover

Center rod selection



Polypropylene core is an economical choice for most applications.

Stainless steel core extends chemical, temperature and differential pressure limits