

## String Wound Filter Cartridge — AquaPure Classic Series

MS® string wound cartridge filter is a kind of deep filter cartridge, which is made of the textile fabric string (polypropylene, absorbent cotton and so on) precisely winding onto the multi-hole axes according to the specific technology.

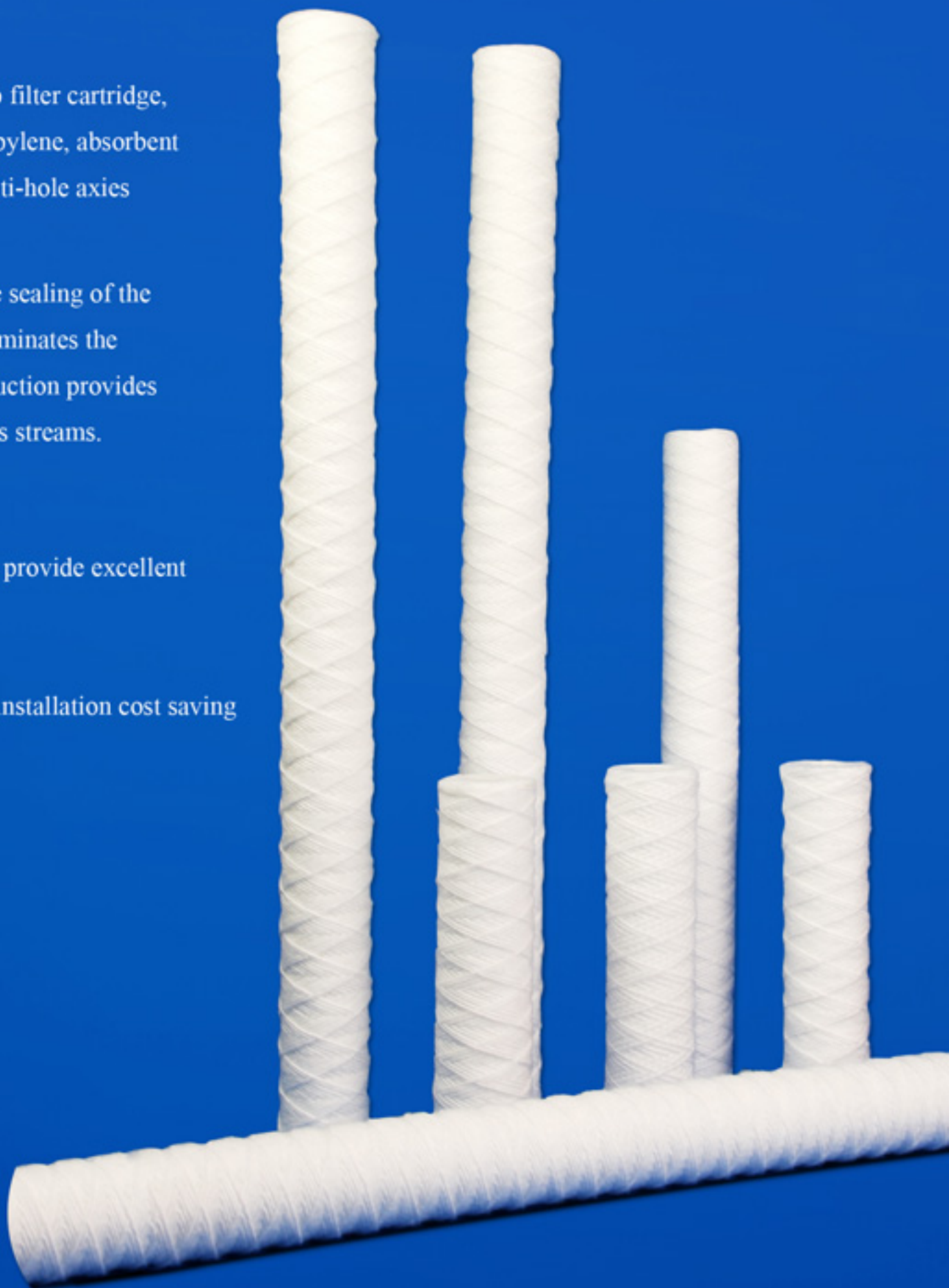
The double O-ring sealing system ensures positive sealing of the filter cartridge within the housing and virtually eliminates the potential for bypass. The all polypropylene construction provides excellent compatibility in a wide variety of process streams.

### Benefits

- A broad range of media and center core options provide excellent compatibility with a variety of fluids.
- Removal ratings from 0.5 to 30µm
- High efficiency but low in price for equipment installation cost saving
- Fits into most standard housings

### Application

- Prefilter for RO system
- Potable Liquids
- Organic Acids & Solvents



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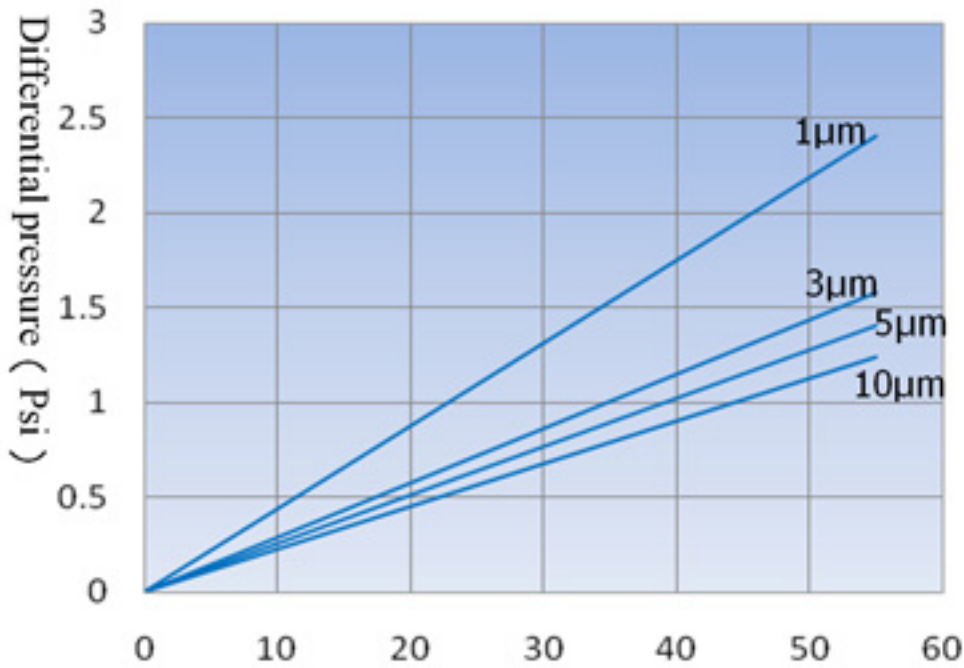
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# Membrane Solutions



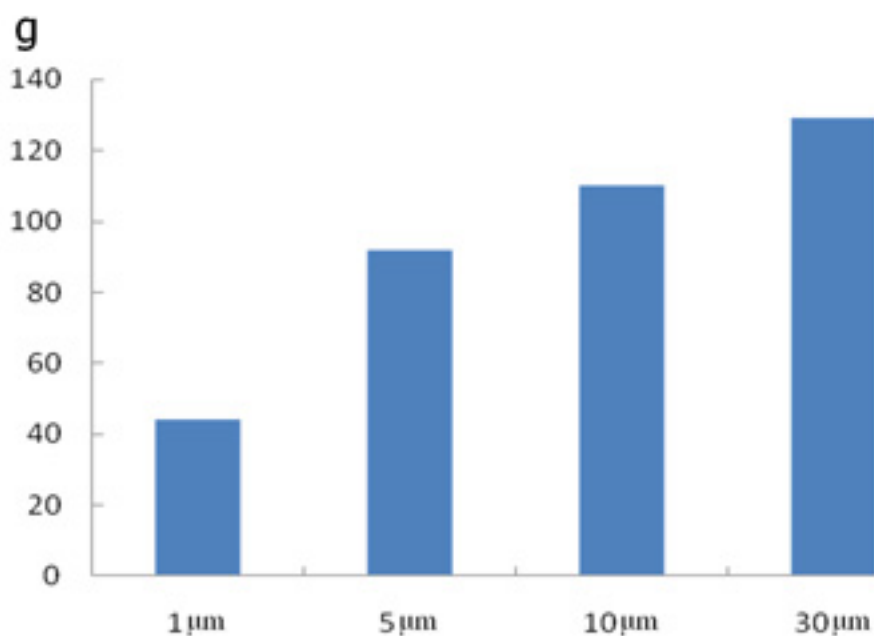
## Performance Specifications

- Outside diameter: 63mm
- Inner diameter: 28mm, 30mm
- Length: 10inch, 20inch, 30inch, 40inch, 50inch, 60inch, 70inch
- Micron Rating: 0.5µm, 1µm, 5µm, 10µm, 20µm, 30µm
- Polypropylene material for non-organic solvent, maximum recommended operating temperature  $\cong 60^{\circ}\text{C}$
- Bleached cotton material filter cartridge with stainless core apply to organic solvent, water, oil, alkalinity solvent, beverage, pharmaceuticals



Flow rate ( lpm ) ,water at 20°C. Flow rate is for 25.4 (10 in) element. For Liquids other than water, multiply differential pressure by fluid viscosity (cP).

## Dirt Holding Capacity of Filter Cartridge



Test with ISO 12103-1 A4 Fine Test Dust, water at 25°C, 35 PSI Terminal Pressure

## Materials of construction

### Filter Media

Standard Polypropylene

Standard Cotton

### Center Cores

Polypropylene

304 Stainless Steel,

316 Stainless Steel

### Extended Core Option

Polypropylene extended cores available for quick and easy cartridge change-out

### End Treatment Option

Various end treatments and O-ring sealing options are available to fit standard commercial filter housings

## Cartridge Ordering Information

Filter Material	Length	Micron Rating	Core	Connection Type
PP=Polypropylene CT=Cotton	010=10"	050=0.5µm	P=PP	0=DOE (double open end)
	020=20"	100=1µm	S=304/316	1=SOE (single open end)
	030=30"	500=5µm		2=222 Flat
	040=40"	1000=10µm		3=222 Fin
	050=50"	2000=20µm		6=226 Fin
	060=60"	3000=30µm		7=226 Flat
	070=70"			