

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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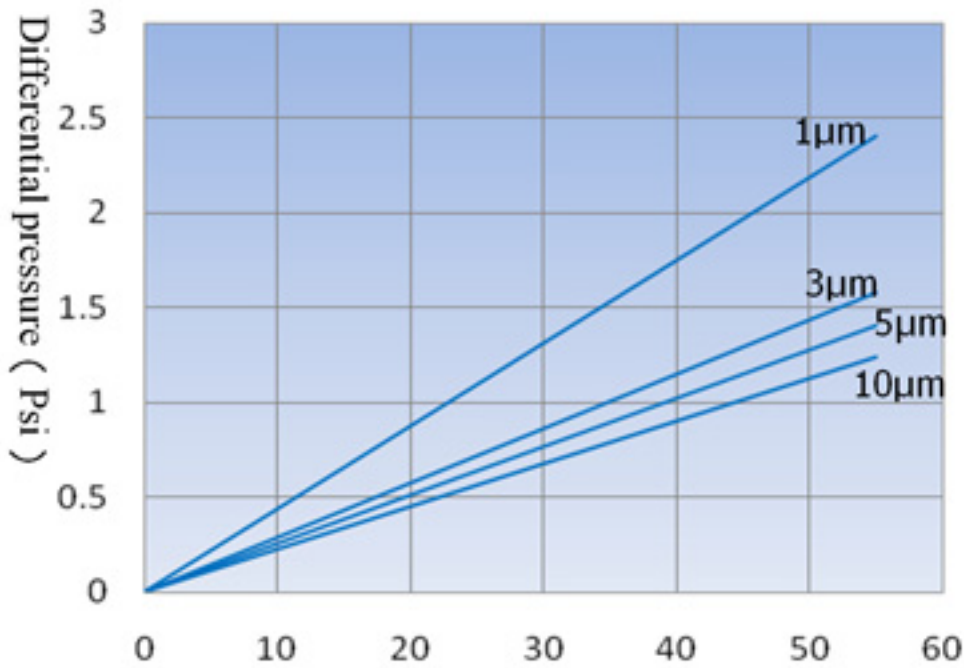
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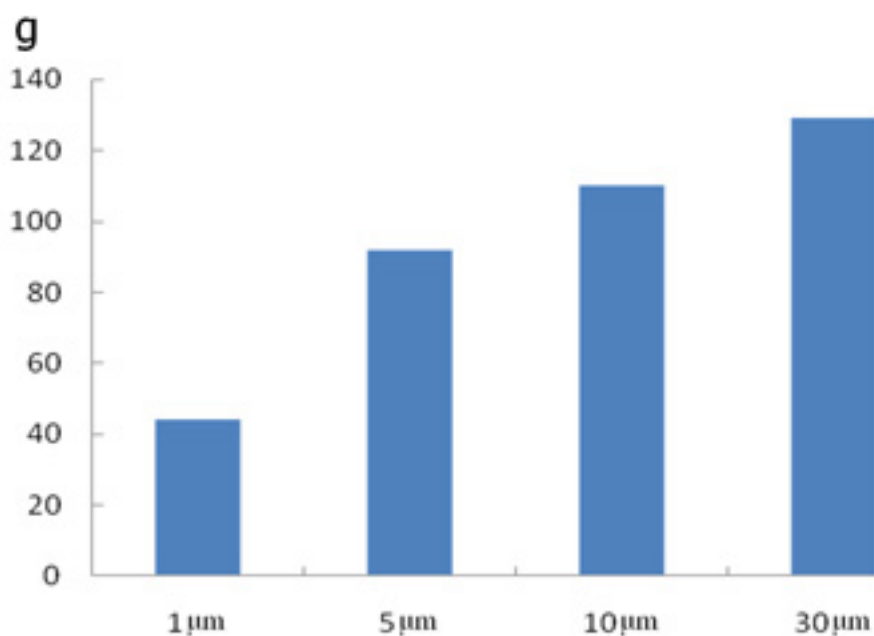
Performance Specifications

- Outside diameter: 63mm
- Inner diameter: 28mm, 30mm
- Length: 10inch, 20inch, 30inch, 40inch, 50inch, 60inch, 70inch
- Micron Rating: 0.5 μ m, 1 μ m, 5 μ m, 10 μ m, 20 μ m, 30 μ m
- Polypropylene material for non-organic solvent, maximum recommended operating temperature \cong 60 °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=0.5 μ m	P=PP	0= DOE (double open end)
	020=20"	100=1 μ m	S=304/316	1=SOE (single open end)
	030=30"	500=5 μ m		2=222 Flat
	040=40"	1000=10 μ m		3=222 Fin
	050=50"	2000=20 μ m		6=226 Fin
	060=60"	3000=30 μ m		7=226 Flat
	070=70"			