

## String Wound Filter Cartridge — AquaPure GP Series

MS® AquaPure GP is structured loose outer layers and tight inner layers which can offer true depth filtration for high dirt holding capacity and extremely low media migration to ensure temperature and chemical compatibility.

Aquapure GP series filter cartridges are an excellent choice as a pre-filter to protect more expensive final filters. The cartridge's mechanical strength enables it to be used in demanding applications such as the filtration of well completion fluids or lubricating oils.

### Benefits

- Graded pore structure for efficient removal of a wide range of particle sizes
- Cost saving from long service filter life
- Wide chemical compatibility
- High contaminant –holding capacity
- Various cartridge sealing options
- Diverse range of removal ratings

### Application

- RO Prefiltration
- Petroleum Oil and Lubes
- Paints and Coatings
- Aqueous Solutions
- Chemical products



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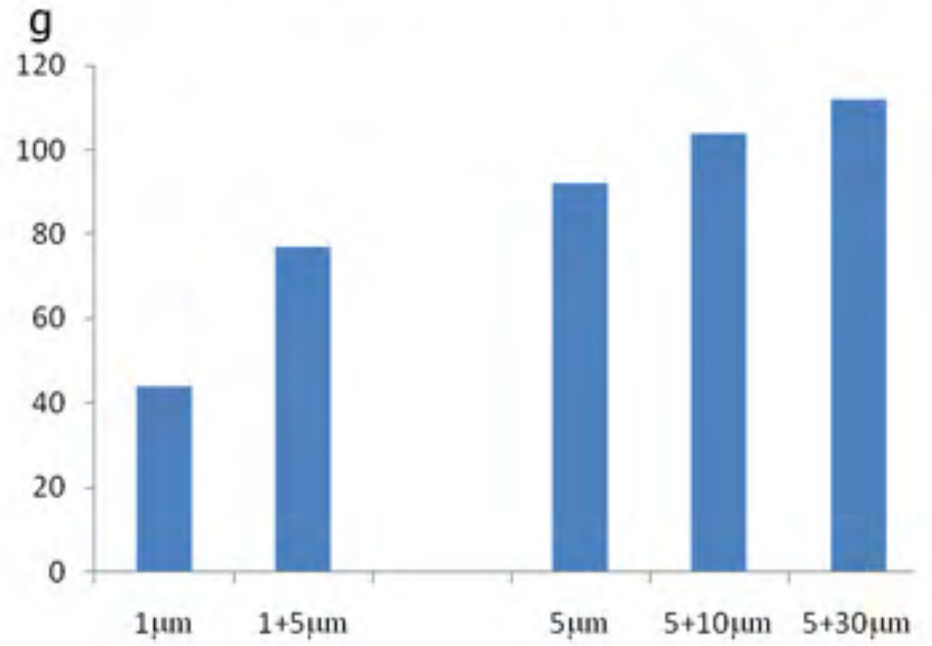


# Membrane Solutions

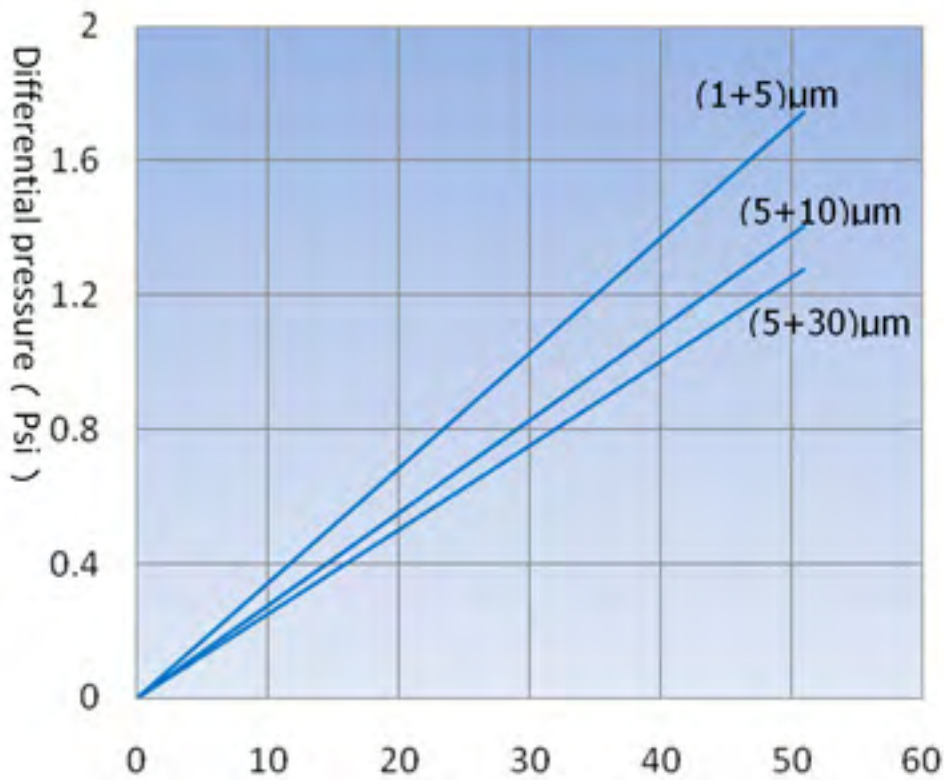
## Performance Specifications

- Outside diameter: 63mm
- Inner diameter: 28mm, 30mm
- Length: 10inch, 20inch, 30inch, 40inch
- Micron Rating: 1 $\mu$ m(inner layer:1 $\mu$ m; outer layer:10 $\mu$ m), 5 $\mu$ m(inner layer:5 $\mu$ m; outer layer:10 $\mu$ m ), 5 $\mu$ m(inner layer:5 $\mu$ m; outer layer: 30 $\mu$ m)
- Polypropylene material for non-organic solvent, maximum recommended operating temperature  $\leq 60^{\circ}\text{C}$
- Bleached cotton material filter cartridge with stainless core apply to organic solvent, water, oil, alkalinity solvent, beverage, pharmaceuticals

## Dirty hold Capacity Comparison of Filter Cartridges



Test by ISO 12103-1 A4 water at 25 $^{\circ}\text{C}$



Flow rate (lpm) ,water at 20 $^{\circ}\text{C}$ . Flow rate is for 25.4 (10 in) element. For Liquids other than water, multiply differential pressure by fluid viscosity (cP).

## Cartridge Ordering Information

Filter Material	Length	Micron Rating	Core	Connection Type
PP=Polypropylene CT=Cotton	010= 10"	100=1 $\mu$ m	P=PP	0= DOE (double open end)
	020=20"	500=5 $\mu$ m	S=304/316	1=SOE (single open end)
	030=30"	1000=10 $\mu$ m		2=222 Flat
	040=40"			3=222 Fin
				6=226 Fin
				7=226 Flat