

### Features:

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- Fits most standard housings
- Low Pressure drop
- High Dirt holding capacity ensures a long service life
- Made of various filter media to fit all applications

### Description:

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Our string wound filter cartridges are manufactured with structured open outer layers and tight inner layers which can offer true depth filtration for high dirt holding capacity and extremely low media migration. Various filter Medias available to ensure temperature and chemical compatibility. The main advantage of the string wound filter cartridge is its exceptionally high structural strength, therefore, they can withstand higher PSID and severe operating conditions.



### Applications:

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The Polypropylene String wound Filter Cartridge is constructed out of 100% polypropylene string that is wound on a rigid polypropylene core for greater surface area and strength as well as high dirt-loading capacity. String Wound Filter Cartridges are also offered in Bleached Cotton. These filters can be used for the pre-filtration of drinking water, acid based liquid in chemical processing, food/beverage, as well as many other applications.

### Operations:

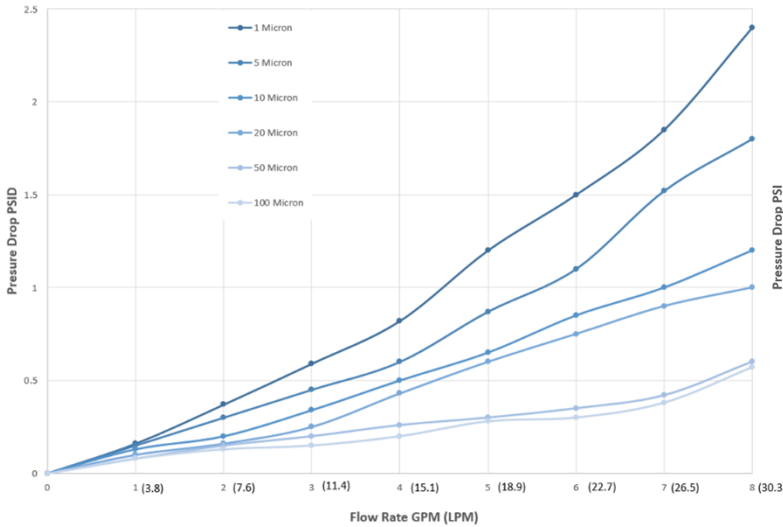
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Darlly Polypropylene String Wound Filter Cartridges can handle temperatures of up to 140° Fahrenheit (60°C) while reducing sand, silt, rust, and scale particles and our Bleached Cotton String Wound Filter Cartridge can handle up to 248° Fahrenheit (120°C).

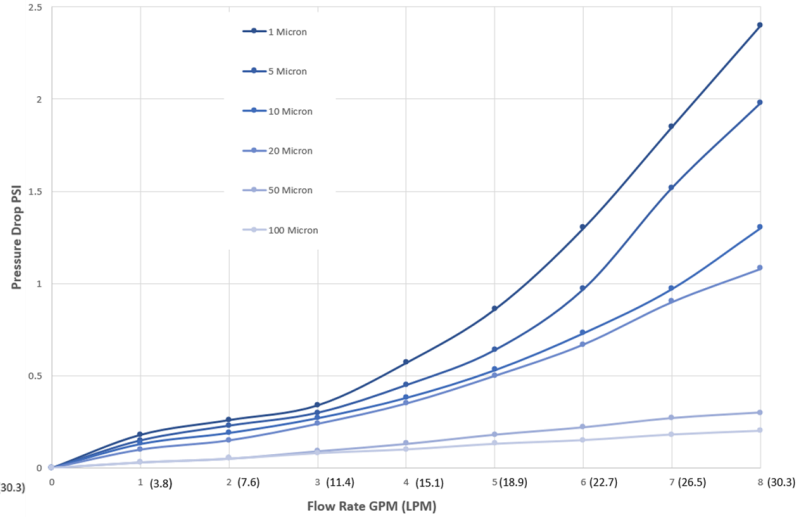


# String Wound Filter Cartridge

Pure Polypropylene-Pressure Drop Vs. Flow Rate



Bleached Cotton Pressure Drop Vs. Flow Rate



Specifications for String Wound Filter Cartridges		
Dimensions	Outside Diameter	2.5"(63mm), 4.5"(115mm)
	Inner Diameter	1.1"(28mm), 1.2"(30mm)
	Length	9.75"(248mm), 9.87"(251mm), 10"(254mm), 20"(508mm), 30"(762mm), 40"(1016mm)
Material of Construction	Filter Media	Polypropylene, Bleached Cotton, Glass Fiber
	Core	Polypropylene, Stainless Steel
Performance	Micron Rating	1µm, 5µm, 10µm, 20µm, 30µm, 50µm, 75µm, 100µm
	Max Operating Temperature (Polypropylene)	140°F (60°C)
	Polypropylene Recommendation	Polypropylene material for non-organic solvent
	Max Operating Temperature (Bleached Cotton)	248°F (120°C)
	Bleached Cotton Recommendation	Bleached Cotton Material filter cartridge with stainless steel core used for organic solvent, water, oil, alkalinity solvent, beverage, pharmaceutical

Part Number/Ordering Legend Organize as: SW - AA - BB - CC - DD (example: SW-25-20-987-A)

Outside Diameter <b>AA</b>	
25	2.5" (62mm)
45	4.5" (115mm)

Removal Rating <b>BB</b>	
1	1µm
5	5µm
10	10µm
20	20µm
30	30µm
50	50µm
75	75µm
100	100µm

Length <b>CC</b>	
975	9.75" (248mm)
987	9.87" (250mm)
10	10" (254mm)
20	20" (508mm)
30	30" (762mm)
40	40" (1016mm)

Material <b>DD</b>	
A	PP Yarn and PP Core
B	Cotton Yarn and SS Core
C	Cotton Yarn and PP Core
D	Glass Fiber and SS Core
E	PP Yarn and SS Core