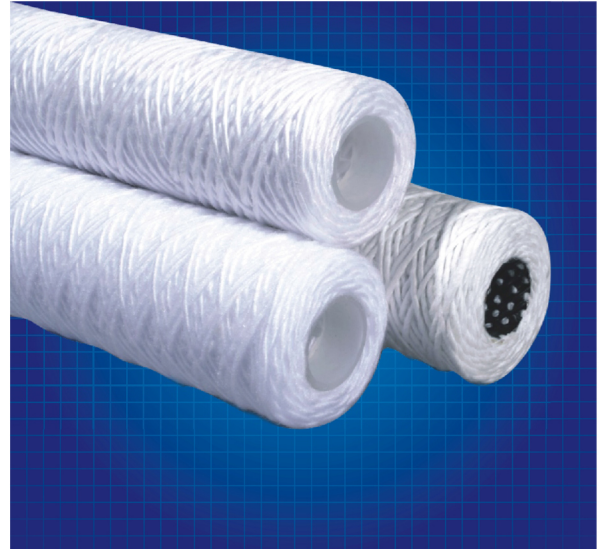




## General Description

Our string wound filter cartridges are 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. The main advantage of the string wound filter cartridge is its exceptionally high structural strength, therefore, they can withstand severe operating conditions.



## Applications

- Pre-Filter for drinking water treatment
- Acid Base liquid in Chemical Processing
- Food & Beverage
- Semiconductor
- Pharmaceuticals

## Features

- Fits all the standard housings
- Low pressure drop, high dirt holding capacity and long service life
- Loose outer layers and tight inner layers offers effective depth filtration
- Various filter media fit with various applications

## Specifications

### Dimensions

- Outside diameter: 63mm, 115mm
- Inner diameter: 28mm, 30mm
- Length: 9.75", 9.87", 10", 20", 30", 40"

### Material Of Constructions

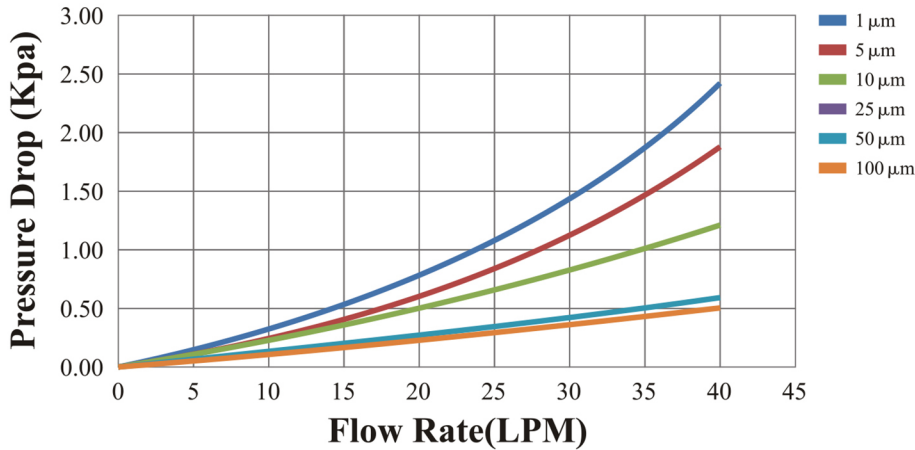
- Filter media: Polypropylene, Bleached cotton, Glass Fiber
- Core: PP, Stainless Steel

### Performance

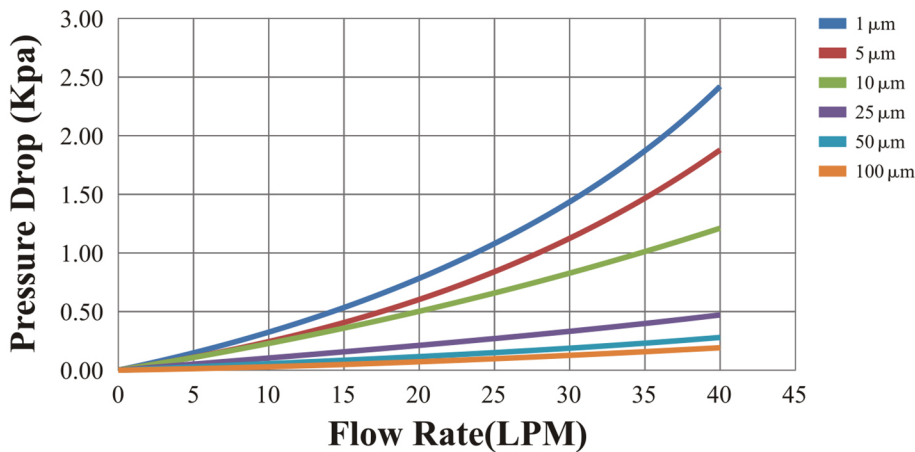
- Removal rating: 1  $\mu\text{m}$ , 5  $\mu\text{m}$ , 10  $\mu\text{m}$ , 20  $\mu\text{m}$ , 30  $\mu\text{m}$ , 50  $\mu\text{m}$ , 75  $\mu\text{m}$ , 100  $\mu\text{m}$
- Polypropylene material for non-organic solvent, maximum recommended operating temperature  $\leq 60^\circ\text{C}$
- Bleached cotton material filter cartridge with stainless core apply to organic solvent, water, oil, alkalinity solvent, beverage, pharmaceuticals, maximum recommended operating temperature: 120  $^\circ\text{C}$



## PP String Wound Filter Pressure Drop vs. Flowrate@ 20°C



## Cotton String Wound Filter Pressure Drop vs. Flowrate@ 20°C



## Part Numbers / Ordering Information

String Wound Filter Cartridge P/N:  
DLSW-\*-#-#+(e.g., DLSW-5-10-A)

Code*	Outside Diameter
Blank	2.5"(63mm)
BB	4.5"(115mm)

Code=	Removal Rating
1	1 μm
5	5 μm
10	10 μm
20	20 μm
30	30 μm
50	50 μm
75	75 μm
100	100 μm

Code#	Length
975	9.75"(248mm)
987	9.87"(250mm)
10	10"(254mm)
20	20"(508mm)
30	30"(762mm)
40	40"(1016mm)

Code+	Material
A	PP yarn and PP core
B	Cotton yarn and SS core
C	Cotton yarn and PP core
D	Glass fiber and SS core