



String Wound Filter Cartridges

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

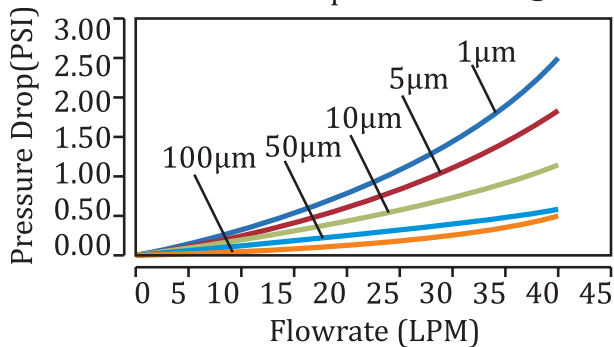
- Filter Media: Polypropylene, Bleached cotton, Glass Fiber
- Core: PP, Stainless Steel

Performance

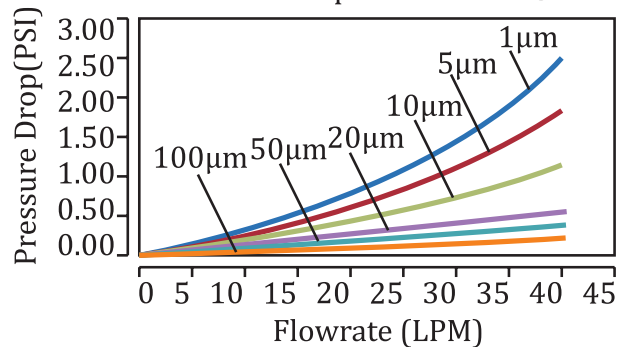
- Removal Rating: 1 μ m, 5 μ m, 10 μ m, 20 μ m, 30 μ m, 50 μ m, 75 μ m, 100 μ m
- Polypropylene material for non-organic solvent, maximum recommended operating temperature $\leq 60^{\circ}\text{C}$

- Bleached cotton material filter cartridge with stainless core apply to organic solvent, water, oil, alkalinity solvent, beverage, pharmaceuticals, maximum recommended operating temperature: 120 °C

PP String Wound Filter
Pressure Drop vs. Flowrate @ 20



Cotton String Wound Filter
Pressure Drop vs. Flowrate @ 20



Part Numbers / Ordering Information

Darby String Wound Filter Cartridge P/N:

DLSW-*-#-#-+(e.g., DLSW-5-10-A)

Code *	Outside Diameter	Code#	Length	Code+	Material
Black	2.5"(63mm)	975	9.75"(248mm)	A	PP yarn and PP core
BB	4.5"(115mm)	987	9.87"(250mm)	B	Cotton yarn and SS core
Code=	Removal Rating	10	10"(254mm)	C	Cotton yarn and PP core
1	1µm	20	20"(508mm)	D	Glass fiber and SS core
5	5µm	30	30"(762mm)		
10	10µm	40	40"(1016mm)		
20	20µm				
30	30µm				
50	50µm				
75	75µm				
100	100µm				