



String Wound Filter Element

String wound filter element consists of loose outer layers and tight inner layers which offer true depth filtration for high dirt holding capacity. This filter element can withstand higher PSID and severe operating conditions due to high structural strength.

BENEFITS

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

APPLICATIONS

- Drinking water treatment
- Food & beverage
- Semiconductor
- Pharmaceuticals
- RO security filtration

Outside Diameter

63mm, 115mm

Inside Diameter

28mm, 30mm

Filter Media

Polyethylene, Bleached Cotton, Glass Fiber

Core

PP, Stainless Steel

CONFIGURATIONS

Removal Rating (μm)

1	3	5	10	20	25
50	75	100			

Length (")

9.75	9.87	10	20	30	40	50
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Gaskets/O-ring

S = Silicone	E = EPDM	B = NBR
V = Viton		

SPECIFICATION

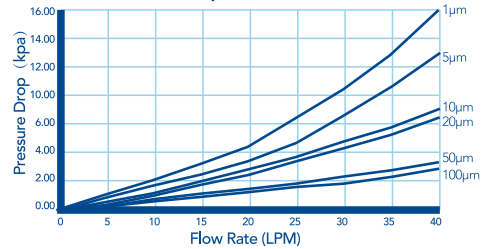
Max Operating Temperature

PP : 80°C
Bleached Cotton : 120°C
Glass Fiber: 200°C

Maximum Operation Differential Pressure

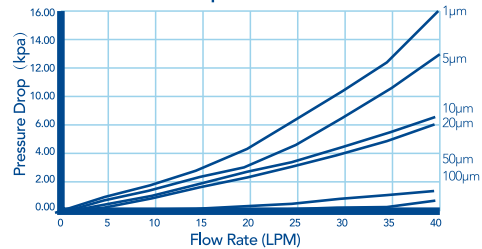
2.5 Bar @ 25°C

Pressure Drop vs. Flow Rate @ 20°C



PP String Wound Filter

Pressure Drop vs. Flow Rate @ 20°C



Cotton String Wound Filter

ORDERING CODE

Example : HMSW-5-10-PP-1-S

HMSW	Outer Diameter	Removal Rating	Length	Material
	Blank = 2.5" (63mm) BB = 4.5" (115mm)	0.5 = 0.5 μm 1 = 1 μm 3 = 3 μm 5 = 5 μm 10 = 10 μm 20 = 20 μm 25 = 25 μm 50 = 50 μm 75 = 75 μm 100 = 100 μm	975 = 9.75" (248mm) 987 = 9.87" (250mm) 10 = 10" (254mm) 20 = 20" (508mm) 30 = 30" (762mm) 40 = 40" (1016mm) 50 = 50" (1270mm)	PP = PP Yarn and PP Core CS = Cotton Yarn and SS Core CP = Cotton Yarn and PP Core GS = Glass Fiber and SS Core
	End Cap Type	Seal Material		
	Blank = DOE without Gasket DOE = DOE with Gasket 1 = 226/Flat 2 = 222/Flat 3 = 226/Fin 4 = 222/Fin 5 = Self Seal Spring	S = Silicone E = EPDM B = NBR V = Viton		