

## HANS String Wound Filter Cartridge

### HANS String Wound Filter Cartridge (SWF Series)

String wound filter cartridge, made from textile fiber strings (polypropylene Yarn, absorbent cotton yarn), which are precisely wound onto multi-hole axles by using specific technology, is a kind of deep filter cartridge. Loose outside and tight inside, the honeycomb cartridge is used to filter matters with low viscosity and impurity, such as suspensions, particles, rust, etc. Because of its high efficiency of filtration, string wound filter cartridge is widely used in the following fields: tap water, beverage, industrial water, living water, electroplate liquid, chemical liquid, oil, paint, etc.

### Applications

- Pre-filtration for RO, Electronic, electronic & power Industries: pure water, gas, electroplates liquid, presswork and so on.
- Chemical & petrochemical Industries: solvent, coatings, magnetism slurry, wash and so on.
- Medicine & Pharmacy: pure water injection and ally liquid.
- Grocery Industry: food, drink, drinking water, alcohol and so on.
- Recycle of reclaimed water & sea water desalinization.

### Materials

#### a) Filtration Materials:

- Polypropylene yarn
- Absorbent cotton yarn

#### b) Cores:

- Polypropylene
- Stainless Steel 304
- Stainless Steel 316

#### c) End Cap:

- Double Open End
- Single Open End with 222/Flat
- Single Open End with 222/Fin



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- |                      |                                     |                 |
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**Main Performances**

## a. Rating &amp; Flow

Rating ( $\mu$ )	1	5	10	20	30	50	75	100
Max Flow (liter/min)	9	18	30	37	42	44	50	60

Note: Length of the tested filter cartridge is 250mm,  
pressure difference is 0.02MPa, and the test media is clean water.

b. Max. Pressure-resistance  $\leq$  0.5MPa.

Max. Intensity of pressure: 0.2Mpa

## c. The highest operation temperature:

- Polypropylene yarn & .Polypropylene core  $\leq$ 70°C;
- Polypropylene yarn & .Stainless steel core  $\leq$ 90°C;
- Absorbent cotton & .Stainless steel core  $\leq$ 120°C;

**Specifications**

a) OD :  
55mm ~ 115mm

b) ID :  
28mm / 30mm

c) Length :

Code	1L	2L	3L	4L
Inch	10	20	30	40

d) Rating :

Rating	1R	5R	10R	20R	30R
Micron ( $\mu$ )	1	5	10	20	30

**Ordering Code**

Model: HF-Series-Rating-Length-End Cap

Example: HF-SWF-1R-1L-DOE



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