

## **HANS PP Melt Blown Filter Cartridge**

### **HANS PP Melt Blown Filter Cartridge (MBB Series)**

PP melt blown filter cartridge is made from nontoxic and odorless polypropylene particles which are heated, melted, sprayed, drawn and formed into tubular cartridge. It is characterized by excellent filter precision, large flow, slight pressure difference, high capacity of dirt, small volume, high pressure resistance, corrosion resistance, etc.

### **Applications**

- Drinking water filtration
- Household Purifier Filtration
- 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.

### **Material**

- a) Filtration Materials
  - Polypropylene (smooth, shallow grooved, deep grooved)
- b) Cores
  - Polypropylene
  - Stainless Steel 304
- c) End Caps
  - Double Open End
  - Single Open End with 222/Flat
  - Single Open End with 222/Fin



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**Main Performances**

## a) Rating &amp; Flow

Filtration ( $\mu$ )	1	3	5	10	20	30	50
Initial ( $\mu$ )	10-15	15-25	25-35	30-40	35-50	40-60	60-90
Max Particle ( $\mu$ )	15	25	35	40	50	60	90
Flow (liter/min)	10	14	17	20	24	28	32

Note: Length of tested filter cartridge is 10", pressure difference is 0.02MPa and the test media is clean water. Other filters are calculated at the ratio mentioned above accordingly.

b) Max. Pressure-resistance  $\leq$  0.5MPa;  
Max. Intensity of pressure: 0.2MPa

c) The highest operation temperature  $\leq$  60°C

**Specifications**

a) OD :  
45mm ~ 120mm

b) ID :  
20mm / 28mm / 30mm / 32mm / 34mm / 38mm / 60mm / 90mm

c) Length :

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

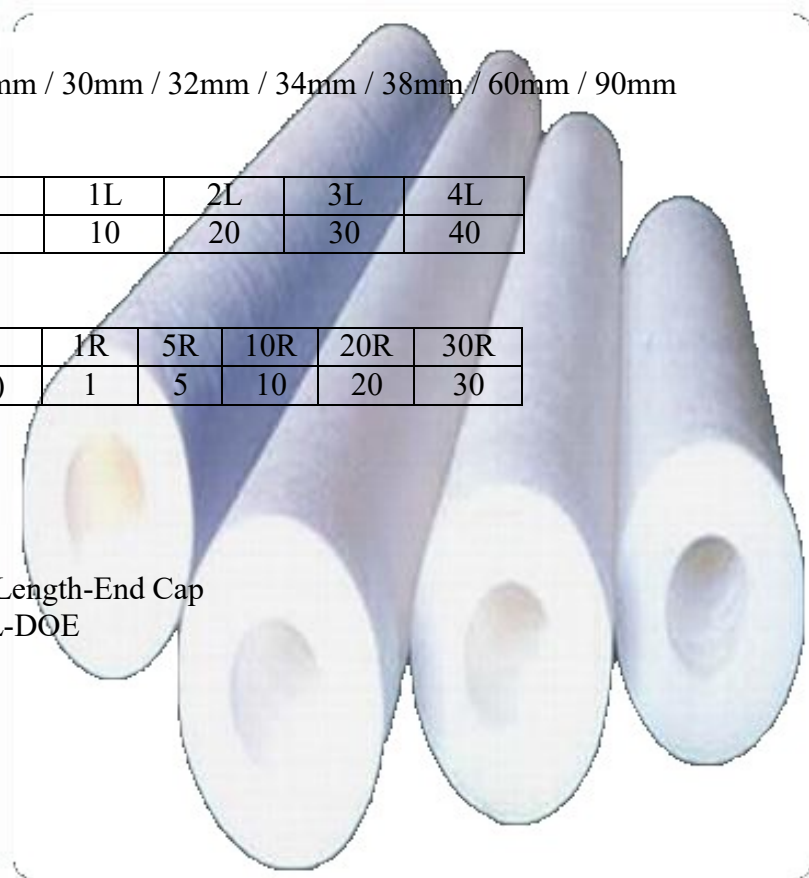
d) Rating :

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

**Ordering Code**

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

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



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