

## PP Pleated Power Plant Filter Cartridge

This pleated backwash filter cartridge is most widely used in condensate polishing pre-filtration in domestic and abroad. The Pleated design has an increased filtration area and wide chemical compatibility. It can be welded by 7pcs×10" parts or 3pcs×20+10" parts or 40"+30" parts.

### APPLICATIONS

- Power plant condensate polishing system
- RO Prefiltration, sea water desalination
- Filtration of bottled water, make-up water, rinsing water
- Paints and coatings, petrochemical, refineries



#### Filter Media

Polypropylene

#### Support core/caps

Polypropylene

#### Connection type

Thread

#### Connection size

1 1/2"-12 (Internal Thread)

M33×1.5 (Internal Thread) customized as customer request

#### Outer Diameter

65mm or 69mm



#### Removal Rating ( $\mu\text{m}$ )

1 4 5 10

#### Length ( " )

60 70

## BENEFITS

- Backwash design
- Using thread connection, easy installation, high dirt holding capacity
- Wide chemical compatibility
- Resin pre-coat can be done before filtration



#### Filtration Area

0.65m<sup>2</sup>/10"

#### Maximum Operating Temperature

85°C

#### Maximum Differential Pressure

2.8 Bar , 65°C

#### Maximum Differential Pressure

2.1 Bar , 21°C

#### Flow of Single Cartridge(m<sup>3</sup>/h)

3.9 - 4.5

#### Backwashing Flow

In the 1.36 - 2.10 Bar pressure,

Backwashing Flow of single cartridge is 0.45 - 0.68m<sup>3</sup>/h

#### Backwashing Air Flow

In the 1.36-2.10 Bar pressure,

Backwashing Flow of single cartridge is 3.4 - 5m<sup>3</sup>/h

## ORDERING CODE

Example : HMPC-PP-5-B-70-Z-M6

	Media	Micron	Structure Type	Length	Connection Thread	Bottom Thread
HMPC	PP= Polypropylene	1 = 1 $\mu\text{m}$ 4 = 4 $\mu\text{m}$ 5 = 5 $\mu\text{m}$ 10 = 10 $\mu\text{m}$	A = 7pcs×10" B = 3pcs×20+10" C = 40"+30" D = 3pcs×20"	60 = 60"(1524mm) 70 = 70"(1778mm)	Z = 1 1/2"-12	3/8 M6 M8 M10