

# PP Pleated and glass fiber cartridges



PP Pleated and glass fiber cartridges are designed for higher filtration area & high throughput .It has 6 inch/152mm large diameter, and is coreless, single open-ended structure with an inside to outside flow pattern. Due to its large diameter with big filter area, it requires lesser elements for a given flow rate than standard cartridges diameter, due to lesser elements Filter vessels 's size workout smaller, resulting in lower capital Investment and installation costs, as well as reduced operating costs.

## Features & Benefits

- Easy to dispose due to its unique coreless design
- Minimize overall size of filter housing due to its high throughput
- Absolute rated filtration efficiency

## Construction

Filter media	Pleated glass fiber, Pleated depth Polypropylene(PP)
Support / Drainage	Polypropylene(PP)
End cap	Glass fiber reinforced Polypropylene
O-ring seal	EPDM, NBR

## Technical Specifications

Sizes	20.69 inch(525mm), 40.69 inch (1033mm), 60.69 inch(1541mm)
Micron Rating	1, 4.5, 6, 10,20,40,70,100 Microns
Outside Diameter	6 inch (152mm)

## Operating Conditions

Maximum Operating Temperature	
Pleated glass fiber	121°C
Pleated PP	82°C

Maximum Differential Pressure	
Pleated glass fiber	2.4 bar (g) at 120°C
Pleated PP	2.4 bar (g) at 80°C

Suggested maximum Flow of water	
20.69 inch length	660LPM
40.69 inch length	1300LPM
60.69 inch length	1900LPM

## Applications

- Prefiltration of RO,Pretreatment of sea water desalination
- Condensate water filtration,hot water recovery in power generation
- API, solvents,and water filtration in BioPharm market
- The filtration of bottled water, high Fructose,edible oil, soft drinks,and milk
- Paints and coatings,Petrochemical,Refineries
- Microelectronics,film,fiber and resin
- Aviation Turbine Fuel, High sulfur diesel fuel ( HSD) etc.