

## 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<br>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),<br>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.

### Product Code Abbreviation FCIPXP - Polypropylene Pleated Bags

<b>FCI</b>	<b>PXP</b>	<b>Diameter</b>	<b>Micron Rating</b>	<b>Length</b>
	Polypropyle Pleated - Hard shell	152 MM	001 Micron	20" Length
			005 Micron	40" Length
			010 Micron	60" Length
			020 Micron	
			040 Micron	
			070 Micron	
			100 Micron	