

# MS<sup>®</sup> CrossPure Cartridge Filter

## Description

Combining high flow rates and high solids is a challenge for most filters. MS<sup>®</sup> CrossPure filters meet this challenge with the highest flow and dirt holding combination available. Fewer filter change-outs means less costs associated with labor, disposal, and fluid losses. It can be used for a variety of hardware and for different flow rate request and fewer filter change-outs means less costs associated with labor, disposal, and fluid losses. The large diameter with bigger filtration area insures to reduce the number of filter cartridges and the dimension of housing required.



## Features

- Designed to fit inside existing 3M housings and provide an O-ring seal without housing modification
- High dirty holding capacity, longer service life  
Less cartridge change out to save the cost
- O-ring design cause no bypass to ensure the filtration efficiency
- It is available in a variety of filter media to meet industry standards and chemical compatibility

## Applications

- Industrial- Municipal Water, RO Prefiltration, Coolants
- Chemical- Quench water, Final Products
- Electronics- RO Prefiltration, Process Water
- Food & Beverage- Process Water
- Pharmaceutical- Process Water

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## Specification

**Materials of Construction:**

- Filter Medium: Pleated Polypropylene, Pleated Glass Fiber
- Support/Drainage: Polypropylene
- End caps: Glass fiber reinforced polypropylene
- O-ring Seal Material: EPDM, Fluorocarbon

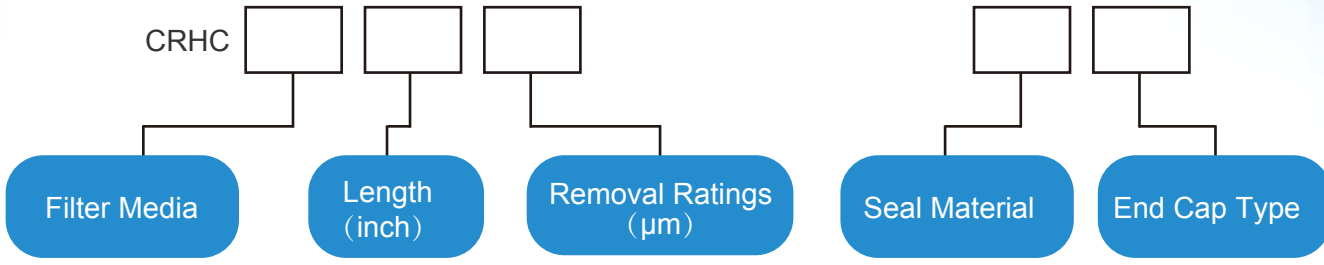
**Dimensions:**

- Outside Diameter: 6.5" (165mm)
- Length: 40" (1000mm)

**Recommended Operating Conditions:**

- Maximum Temperature:  
Pleated Polypropylene: 82 °C  
Pleated Glass Fiber: 121 °C
- Maximum Pressure:  
Pleated Polypropylene: 3.4bar@82 °C  
Pleated Glass Fiber: 3.4bar@121 °C
- Recommended Change-out Differential Pressure: 2.4bar @20 °C
- Micron Rating: 1~70µm
- Suggested Maximum flow rate: 1300LPM

## Ordering Information



PP= Polypropylene	040= 40"	100=1µm	E=	A= Code A
GF= Glass Fiber		300=3µm	EPDM	B= Code B
		500=5µm	F=	
		1000=10µm	Fluorocarbon	
		2000=20µm		
		5000=50µm		
		7000=70µm		

