

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

## Description

MS<sup>®</sup> BagPure cartridge filter is a kind of high capacity, pleated cartridge filter. With the structure of large diameter 6", single-ended openings and depth materials pleated technology. The filter area is 8 times than ordinary bag filter; in this case, it can greatly reduce the maintenance cost and change frequency.. With a recommended flow rate up to 50 GPM per 16inch and a suggested maximum differential pressure of 40 PSI per 16inch, BagPure cartridge filter is the optimal choice of replacement of bag filter.

## Features

- Diameter 6 "(152 mm) is suitable for large flow and high volume applications
- The unique design of this pleated bag provides a large effective filter surface area within the space constraints of a standard bag filter basket.
- Dirt holding capacity is maximized by pleating three layers of filter media together in a single pleat pack.
- Can be directly installed in most of the no. 1 or 2 filter bag housing, do not need to change or modification
- Inside to outside flowing direction ensures all impurities trapped on inside of the filter element

## Applications

- Reverse osmosis system prefiltration, all kinds of process water purification treatment
- All kinds of process water, condensed water, cooling water, waste water treatment, etc
- DI water filter
- All kinds of acid, alkali, etc and other various chemicals filtration



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## Specification

### Materials of Construction:

- Filter Medium: Pleated Polypropylene
- Support Medium: Polypropylene
- End caps: Glass fiber reinforced polypropylene

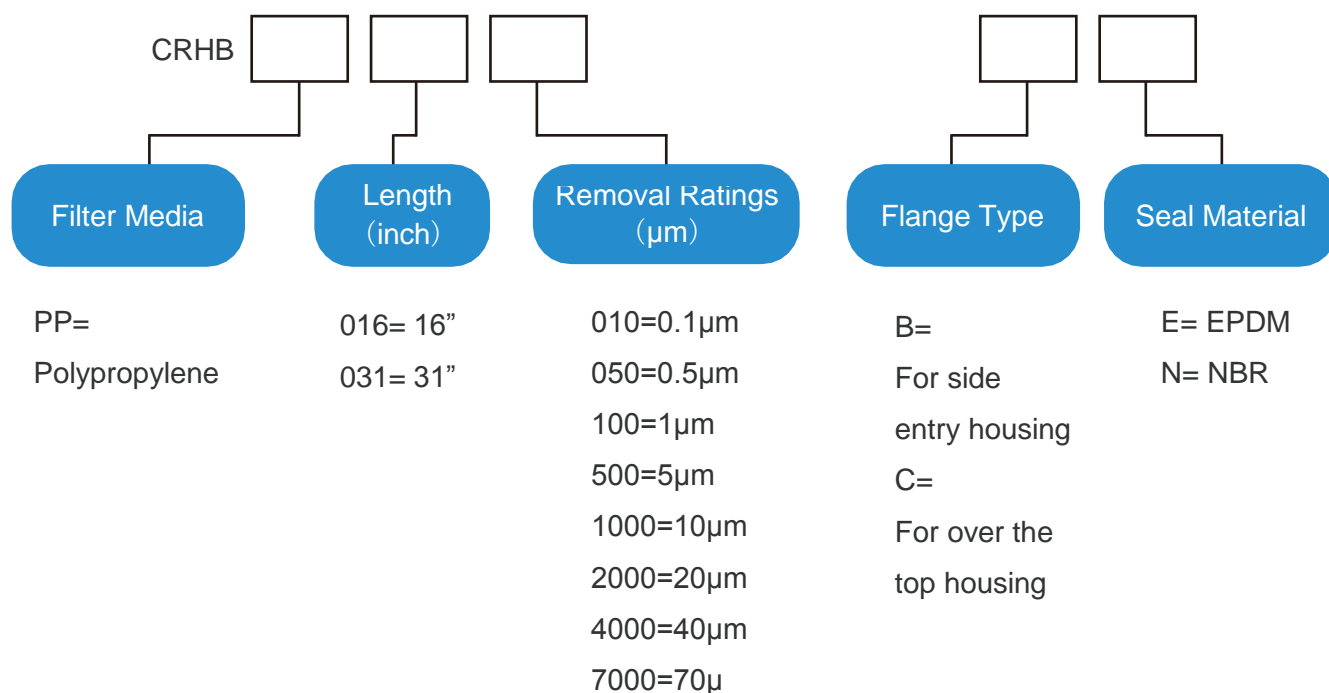
### Dimensions:

- Outside Diameter: 6" (152.4mm)
- Length: 16" (405mm) — Replace the filter bag no. 1  
31" (785mm) — Replace the filter bag no. 2
- Seal Material: EPDM, NBR

### Recommended Operating Conditions:

- Maximum Temperature: 60°C
- Maximum Pressure: 2.8 bar@60°C
- Recommended Change-out Differential Pressure: 2.4bar @20°C
- Micron Rating: 0.1~70µm

## Ordering Information





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