

## MAXPURE CORELESS FILTER CARTRIDGE

**MaxPure Large Diameter Coreless filter cartridges are designed to be direct replacements for competitor's coreless products and can be easily retrofitted without modification to the existing housings.**

Large Diameter Coreless filter cartridges are particularly suitable for high flow application, the large surface area with high void volume media result in low pressure drop and high contaminant capacity. Filter vessels are correspondingly smaller, resulting in lower capital and installation costs, as well as reduced operating costs.

MaxPure Coreless filter cartridges are available with either 100% Polypropylene or Nylon construction ensuring compatibility with a wide range of chemical and petrochemical processes. No additives, binders or adhesives mean that MaxPure Coreless Filter Cartridges have very low levels of extractables and meet FDA requirements for food and beverage contact.

The MaxPure Coreless filter element is manufactured to a very high standard of quality assurance and cleanliness, and in accordance with BS EN ISO 9001:2008.



### Features

- ❖ Large diameter cartridge utilizing low differential pressure media.
- ❖ Separate stainless steel core retained in the filter housing.
- ❖ Proven depth filter technology / continuous graded pore structure.
- ❖ Polypropylene or nylon filter media.
- ❖ Fully disposable design.

### Convenience

The MaxPure Coreless filter element fits over a 316L stainless steel core, which is retained inside the filter housing. At changeout, the element is simply pulled up over the core which is then ready to accept the replacement element. By retaining the metallic core, the Coreless design significantly reduces the amount of waste material to dispose of, providing a lower cost, more environmentally-friendly option.

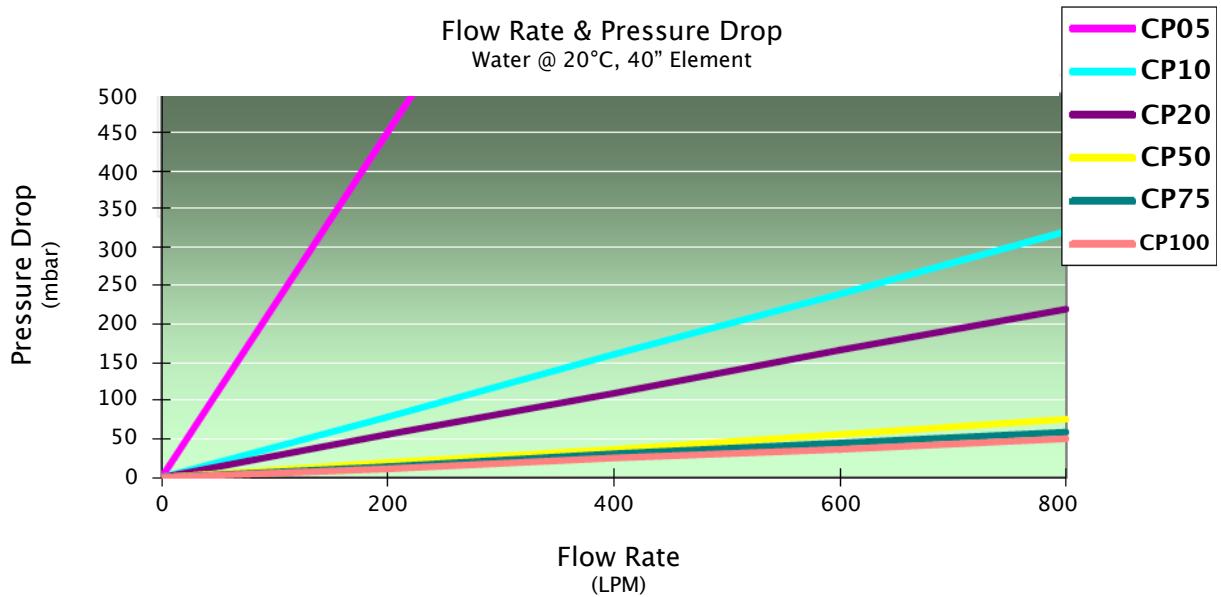
### Materials of Construction

- Filter Element : Polypropylene or Nylon  
Core Assembly : 316L Stainless Steel

### Benefits

- ❖ Smaller systems with low capital cost, low installation costs and reduced operating costs.
- ❖ Providing high liquid flow rate capability, ease of fitment, low operating costs and increased cost efficiency.
- ❖ Reliable, consistent and verifiable filtration performance.
- ❖ Compatible with a wide range of applications.
- ❖ Less waste materials, lower cost of disposal and more environmentally-friendly.
- ❖ Available in a range of Beta Ratio 5000 absolute micron ratings, from 1 to 100.

# Technical Data



## Recommended Operating Conditions

	PP	NYLON
Recommended Change-out $\Delta P$	2 bard	2 bard
Maximum Differential Pressure @ 20°C	4 bard	4 bard
Maximum Differential Pressure @ 80°C	1 bard	2 bard
Maximum Differential Pressure @ 135°C	NA	0.5 bard

## Dimensions

Outside Diameter :	152 mm
Inside Diameter :	114 mm
Length :	508 or 1016 mm

## Ordering Information

This information is a guide to the part number structure and possible options. For availability of specific options, please contact Everest Equipments.

Element Part Number : **✚ CP20-40**

Code	-	Micron Rating	-	Nominal Length
CP (PP)		05 = 5 $\mu\text{m}$		20 = 508 mm (20")
CN (Nylon)		10 = 10 $\mu\text{m}$		40 = 1016 mm (40")
		20 = 20 $\mu\text{m}$		
		25 = 25 $\mu\text{m}$		
		50 = 50 $\mu\text{m}$		
		75 = 75 $\mu\text{m}$		
		100 = 100 $\mu\text{m}$		

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