

# CMPF Absolute Rated PP Melt-blown Filter Cartridges

## CMPF series

CMPF series is a absolute rated melt-blown polypropylene filter cartridge with fine line finish. The gradient density structure contains three layers: a pre-filtering layer that removes coarse debris; the middle layer is more compacted for intercepting most particles; the inner layer is the most compacted for catching the fine particles.

Seadon's CMPF series filter is manufactured with 100% fresh polypropylene. The inner and outer surfaces are glazed to prevent fiber releasing.

## Features

- A gradient density structure provides for low pressure drop and high dirt holding capacity
- Depth filtration
- Nominal rated
- Made of 100% fresh polypropylene
- Available in core or coreless
- DOE, 222 & 226 end caps
- Free of surfactants, binders and adhesives
- Wide chemical compatibility
- High dirt holding capacity
- FDA compliant polypropylene

## Applications

- Chemical process industry
- Magnetic media
- Pure water
- Photographic
- Metal finishing
- Petrochemicals
- Metal working
- Potable water

## Specifications

### Codes

CMPF: melt-blown PP with fine line finish

### Material of Construction

Filter media: melt-blown polypropylene  
 Inner core: polypropylene / none  
 End cap: polypropylene  
 Gaskets: Silicone, EPDM, Buna-N, Viton

### End Caps

DOE,  
 DOE with gasket,  
 222/flat,  
 222/fin,  
 226/flat,  
 226/fin

### Cartridge Diameter

OD: 63.5mm (2.5"); ID: 28mm (1.1")  
 \*Others on request

### Cartridge Length

9.75" (248mm)  
 9.87" (251mm)  
 10" (254mm)  
 20" (508mm)  
 30" (762mm)  
 40" (1016mm)  
 50" (1270mm)  
 60" (1524mm)

### Micron Rating

1, 3, 5, 10, 25, 50, 75, 100, 150µm



### Efficiency

Absolute rated  
 1~3µm @ 80%  
 5~150µm @ 99.98%

### Max. Operating Temp.

65°C (149°F)

### Suggested Differential Pressure

#### Coreless:

Max. dirty:  
 2.4 bar @21°C (30 PSIG @70°F)  
 Optimum change out:  
 2 bar @21°C (29 PSIG @70°F)

#### Cored:

Max. dirty:  
 3 bar @21°C (44 PSIG @70°F)  
 Optimum change out:  
 2.4 bar @21°C (35 PSIG @70°F)  
 \*Depends on the respective application requirements.

## Ordering Information

CMPF	-5	-40	D		
Codes	Micron Rating	Cart. Length	End Caps	Center Core	Gasket
CMPF: fine line finish @ absolute rated	1, 3, 5, 10, 25, 50, 75, 100, 150µm	975: 9.75" (248mm) 987: 9.87" (251mm) 10: 10" (254mm) 20: 20" (508mm) 30: 30" (762mm) 40: 40" (1016mm) 50: 50" (1270mm) 60: 60" (1524mm)	D: DOE G: DOE with gasket S: 222/flat (code 3) T: 222/fin (code 8) U: 226/flat (code 2) V: 226/fin (code 7)	Blank: none C: PP core	Blank: none S: silicone E: EPDM N: Buna-N V: Viton

**Seadon** Filtration

ISO 9001 Certified Manufacturer

#### Headquarter

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