

## CMC Melt Blown Filter Cartridge

Polypropylene, as the raw material, non-poisonous, tasteless, is melt-sprayed, extruded, stretched and formed into tube-link core, forming a true gradient density from outer to inner surfaces, which has the character of pressure-proof, corrosion-resistance, high precision and large flowrate.

**Features:**

- 100% pure polypropylene construction
- wide chemical compatibility
- No lubricants or anti-static additives
- Consistent filtration over the life of the cartridges
- Higher dirt holding capacity

**Applications:**

- Residential and commercial water treatment
- Fine chemical, reagents, solvents, resins
- Coatings
- Edible oils
- Liquors, juices, sugars
- Make-up water

**Specifications:**

- Outside Diameter: 61mm, 63mm, 65mm, 115mm
- Inner Diameter: 28mm, 30mm
- Length: 5", 10", 20", 30", 40"
- Micron Rating: 1micron, 1, 5, 10, 20, 30, 50, 70 and 100micron
- Filter Media: polypropylene
- Temperature Rating: ≤ 60°C



**The Comparison between flowrate and filtration precision:**

Nominal rating □μm□	initial rating □μm□	Particle size □μm□	Water Flowrate(L/min□
1	10-15	15	10
5	25-35	35	17
10	30-40	40	20
20	35-50	50	24
30	40-60	60	28
50	60-90	90	32
100	110-130	130	38

Note:

- A. The flowrate is measured from long filter cartridge sized 10" with the pressure drop at 0.015MPa
- B. The initial precision for filtration is 96%.
- C. The filtration precision for max. particles are 99%.

## ORDERING INFORMATION

CODE	MICRON RATING	CENTER CORE MATERIAL	LENGTH
PS	1 : 1 $\mu\text{m}$ 5 : 5 $\mu\text{m}$ 10 : 10 $\mu\text{m}$ 25 : 25 $\mu\text{m}$ 30 : 30 $\mu\text{m}$ 70 : 70 $\mu\text{m}$ 100: 100 $\mu\text{m}$	None - No Center Core P - Polypropylene	5 : 5" 10 : 10" 20 : 20" 30 : 30" 40 : 40"

The logo for CMC Pure Filters, featuring the text "CMC Pure Filters" in a stylized font. "CMC" is in blue, "Pure" is in red, and "Filters" is in blue. The letters are bold and have a slight shadow effect.

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