CMAB Antibacterial PP Melt-blown Filter Cartridges

CMAB series

CMAB series antibacterial melt-blown filter adds silver ions as antibacterial agents into the PP melt-blown filter cartridge, inhibiting bacterial proliferation effectively and improving drinking water safety. 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. It ensures filtration efficiency while also increasing dirty holding capacity.

Features

- Add antibacterial ingredients to inhibit bacterial reproduction
- The gradient density structure improves dirty holding capacity
- FDA compliant polypropylene
- Filter is manufactured in a clean-room environment to maintain high standards of purity and cleanliness

Applications

- Food and beverage
- Household/commercial water purification
- Bottled water production

Specifications

Codes
CMAB: antibacterial melt-blown PP

Material of Construction
Filter media: melt-blown polypropylene (Add antibacterial ingredients)
Inner core: none
End cap: none
Gaskets: none

End Caps
DOE,

Cartridge Diameter
Outer diameter:
63mm (2.5") *std.
114mm (4.5") *Jumbo

Inner diameter: 28mm (1.1")

Cartridge Length
9.75" (248mm)
9.87" (251mm)
10" (254mm)
20" (508mm)
30" (762mm)
40" (1016mm)

Micron Rating
1, 5, 10, 20, 50, 75, 100µm

Efficiency
Nominal rated @ 80%

Max. Operating Temp.
65°C (149°F)

Suggested Differential Pressure
2 bar (30 PSIG) @21°C max - dirty
0.7-1 bar (10-15 PSIG) optimum change out
*Depends on the respective application requirements.

Ordering Infomation

CMAB	-5	-40	D
Codes	Micron Rating	Cart. Length	End Caps
CMAB	1, 5, 10, 20, 50, 75, 100µm	975: 9.75" (248mm) 987: 9.87" (251mm) 10: 10" (254mm) 20: 20" (508mm) 30: 30" (762mm) 40: 40" (1016mm)	D: DOE