



CleverFilter®

THE FILTRATION PEOPLE

www.cleverfilter-group.com

**Melt Blown PP; with core and coreless;
C-MB series**

Melt Blown PP

Depth filter with core and coreless
and several commercially available adapters

Features and Benefits

- 100% polypropylene (except gaskets)
- Exclusive use of FDA compliant media
- High structural strength with stable, graded pore structure
- Nominal retention rates: 0.5 µm - 100 µm
- Surface treatment to prevent fiber shedding
- Excellent chemical compatibility
- Lengths: 5" – 50"
- Individually packed in foil
- PP support core optionally available for improved differential pressure resistance
- Various standard end adapters available
- Low unit cost
- High dirt holding capacity
- Long service life
- Low disposal costs
- High flow rate at low differential pressure (Δp)
- High differential pressure resistance



Applications

- Automotive industry
- Water treatment
- Food & beverage
- Pharmaceutical industry
- Electroplating industry
- Chemical and Petrochemical industry
- Paints and varnishes
- Many others



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Technical Data

Product	Material	Length	Retention rate (nom.)	Rec. change out pressure drop*	Max. pressure drop**	Max. temperature	Housings e.g.
C-MB	Polypropylene Melt Blown	5 – 50"	1 – 100 µm	0,20 MPa (2,0 bar)	4.5 bar @ 1.1 bar @	25°C 80°C	CFH-1-M10 CFH-1-M20 FH 10 D2

* Ambient temperature

** With inner core

Nominal retention rate [µm]	1	3	5	10	25	50
Flow rate [l/min @ 100 hPa (mbar)]*	10	13	15	23	26	31
Dirt holding capacity [g/10"]**	> 15	> 20	> 30	> 60	> 120	> 150

* Reference value for 10" element in water @ 20°

** Reference value with test contaminant in aqueous solution

Product Code

C – MB – P – 10 – 10 – C – E

C : Cartridge, heavy duty

MB: Melt Blown polypropylene

P : Polypropylene core
Blank : coreless

Länge nom. [Zoll]:

5 : 5	9,75 : 9,75
9 : 9,85	10 : 10
20 : 20	30 : 30
40 : 40	50 : 50

Rückhalterate nominal [µm]:

S50 : 0,5	025 : 25
001 : 1	050 : 50
005 : 5	075 : 75
010 : 10	100 : 100

Gaskets:

Blank : no additional gaskets

B : NBR (BUNA N)
E : EPDM (EPDM)
V : FKM (Viton®*)
S : Silikon
G : PP/EPR (nur für G-Adapt.)

Adapters

A : SOE 226 – bayonet / flat closed
B : SOE 222 – / flat closed
C : SOE 226 – bayonet / fin
D : SOE 222 – / fin
G : DOE with foamed flat gaskets
Blank : DOE no end caps and gaskets