



MICRO-PURE

# MFB<sub>Type</sub>

Major Applications

- Alcoholic beverage
- Soft drink
- Food Additives
- Seasonings

Quality standards

- Adaptable Food Sanitation Standard  
• FDA 21 CFR
- Traceability by lot number

Features

- Particle removal efficiency of 0.5 μm particles is over 98%.
- High porosity due to ultra-fine polypropylene fiber filter media
- Use of highly durable filter materials and components with less heat damage

Advantages

- High clarity
- High removal efficiency and low differential pressure filtration
- In-line steam durability  
135°C x 30 minutes x 50 times
- Hot water sterilization durability  
90°C x 30 minutes x 150 times

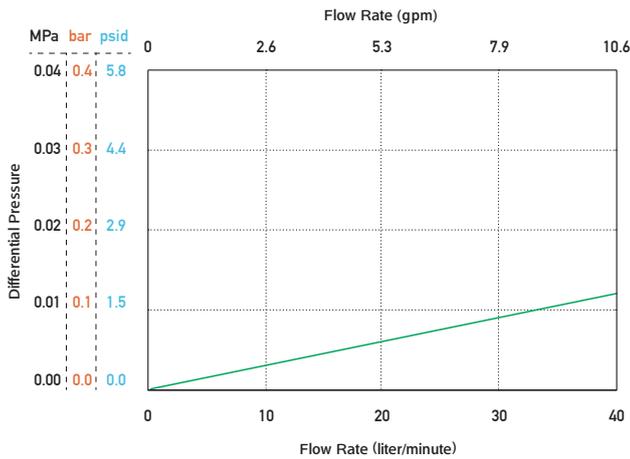
## Specifications

Grades	005
Micron Ratings	0.5 μm
E.F.A.	0.67m <sup>2</sup> /250mm
Media	Polypropylene
Materials	Core/Cage/Support
End Cap	Polypropylene
Maximum ΔP	0.49MPa at 20°C (71psi at 68°F)
Maximum Operating Temp	80°C (176°F)
Length	250 / 500 / 750 mm
Dimensions	O.D.
	I.D.
Available sterilization methods	CIP, Inline steam, Autoclave

\*If you need further information on specifications (length, end cap type, etc.), please contact us.

## Differential Pressure vs Flow Rate

Fluid: Refined Water 20°C (68°F) / Cartridge Length: 250mm



## Particle Removal Efficiency

Grades	Particle Removal Efficiency (%)
Particle Size (μm)	005
0.5	> 98.0
0.7	> 99.9

### Test Conditions

Equipment : Liquid Particle Counter  
 Filtration : Single Pass  
 Fluid : Refined Water  
 Flow Rate : 10 liter/minute  
 Dust : ALUMINA + BOEHMITE

## Ordering Information

Length	Product Type	Micron Rating	Gasket/O-Ring	End Cap Code	Packaging Code
<b>2 5 0 L</b>	<b>-MFB-</b>	<b>005</b>	<b>S</b>	<b>7</b>	<b>B</b>
▼ 250 = 250mm 500 = 500mm 750 = 750mm			▼ S = Silicone	▼ 7 = 2-226 O-Ring + Fin	▼ A = 1pc B = 6pcs C = 10pcs F = 25pcs

## End Cap Code

### Code 7



\*The contents of the catalog are subject to change without notice.

\*The performance data listed in the catalog are Typical values obtained under specific conditions based on our tests.

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For our technical information, please click here. ▼



Manufacturing is based on our Quality Management Systems that meet ISO9001 standards.

Scope

Design, Development, manufacture, and sales of filter cartridges, housings and filtration equipment.



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MS CM009

6th Issue

MFB210330LE