E-MBPP-BB Series

Melt-BlownPolypropylene MicrofiberGradedDensity FilterCartridges,"BB"4.5" OD

E-MBPP-BB series melt-blown polypropylene (PP) microfiber graded density cartridges provide economical performance for micronic retention of particulate in high-purity fluid filtration applications. Precision manufacturing provides consistent product quality and performance. Design rated for efficiency of up to 80%.

Sized to fit "BB" or "Jumbo" large OD filters. Polypropylene's inherent inertness provides excellent resistance to chemicals.



Features

- Durable and inert polypropylene media
- Controlled porosity delivers fine retention & capacity
- Component materials comply with US FDA and EU regulations for safe use with food products and potable water
- No glues, resins, or chemical additives used

Applications

- Food products & ingredients; bottled water
- RO prefiltration
- Process water; wastewater
- Fine chemicals

Product Quality

- Manufactured within an ISO 9001:2015 certified quality management system.
- Halal certified.
- Certificate of Quality available upon request for each product lot.

Materials of Construction

Media:	Polypropylene

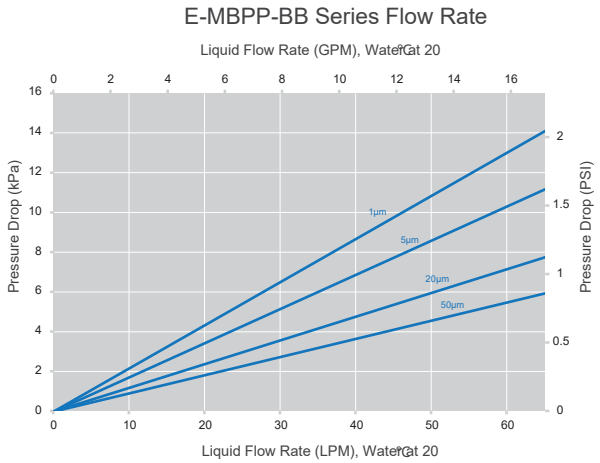
Dimensions

Diameter:	115mm (4.52")
Lengths:	10”, 20”

Operating Conditions

Operating Temperature:	60°C(140°F) max.
Operating dP (max.):	3.5 bar (50 psi) @ 20°C (68°F)
	1.2 bar (18 psi) @ 60°C (140°F)
Change-Out dP:	2 bar (29 psi) @ 20°C (68°F)

Clean Pressure Drop



Pressure drop values are based on a 10" length cartridge.
For other cartridge lengths, the flow rate increases proportionally for a given pressure drop.

Ordering Information

E-MBPP-BB— □□□□ — □□

Removal Rating
0100 = 1µm
0500 = 5µm
2000 = 20µm
5000 = 50µm

Length
10 = 10"
20 = 20"

Note: Other ratings and lengths may be available. Please inquire.

COMPONENT
UPC ®
Certified to NSF/ANSI-42 and to NSF/ANSI/CAN-61 for materials safety requirements only, for cold water applications (23° C).

Filtersource.com

DISCLAIMER: The filtration data presented is representative of performance characterized in a laboratory setting. The data is not offered as a warranty, specification, or statement of fitness for a specific application. Performance can vary greatly depending on the fluid, contaminants present, flow conditions, and operating environment. Users are advised to conduct comprehensive qualification testing to substantiate that the product performs as required.

See the applicable Product Performance & Operating Guide for additional information on the function and capabilities of the product.