

E-MBPA Series

Melt-Blown Polyamide (nylon) Microfiber

Graded Density Filter Cartridges - High-Performance

Leading Filtration into the Future

The E-MBPA series melt-blown nylon microfiber graded density cartridges provide high-performance micronic retention of particulate in high-purity fluid filtration applications. In comparison to polypropylene melt-blown cartridges, nylon offers improved temperature tolerance and chemical compatibility in certain applications. Advanced process controls deliver precision and consistency in fiber sizing and porosity profile. Design rated for efficiency of up to 90% (nominal-grade) and 99% (absolute-grade).

Available in common ratings and adaptation styles. Nylon offers compatibility to a broad range of industrial chemicals.

Features

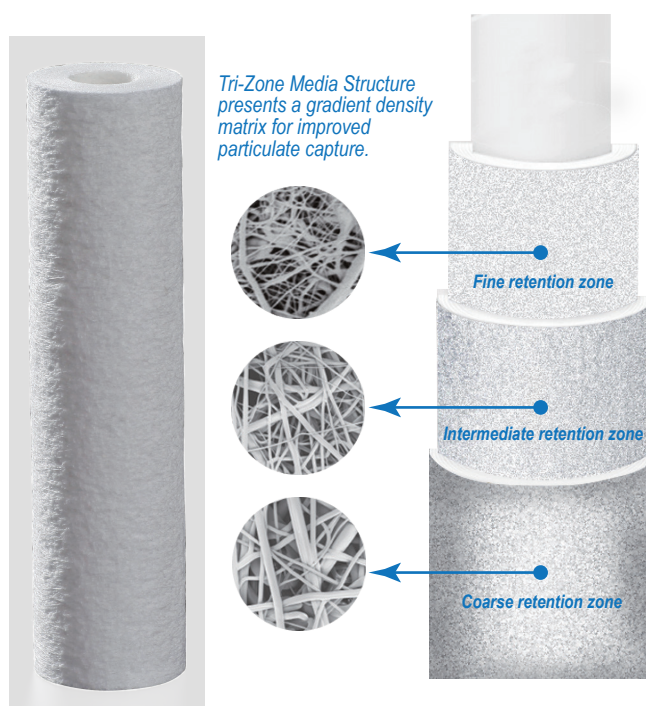
- Durable and inert media & end adaptations
- Controlled fine porosity delivers excellent retention & capacity
- Component materials comply with US FDA and EU regulations for safe use with food products and potable water
- No glues, resins, or chemical additives used
- End adaptations are thermally bonded for strength and integrity

Applications

- Hot aqueous solutions
- Amine, glycol
- Aromatic hydrocarbons
- Paints, coatings

Product Quality

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



Materials of Construction

Media:	Polyamide (nylon 6)
End Caps:	PBT Polyester
Seals Options:	Silicone, EPDM, NBR, FKM, E-FKM

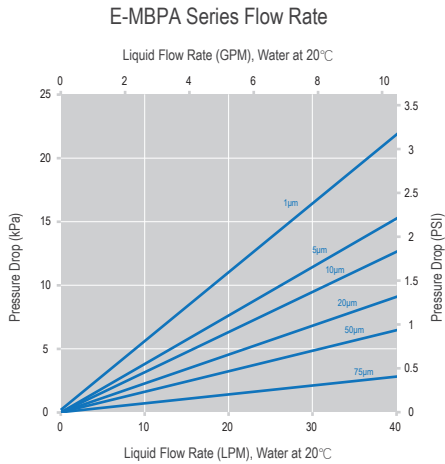
Dimensions

Diameter:	64mm (2.5")
Lengths:	5", 10", 20", 30", 40"

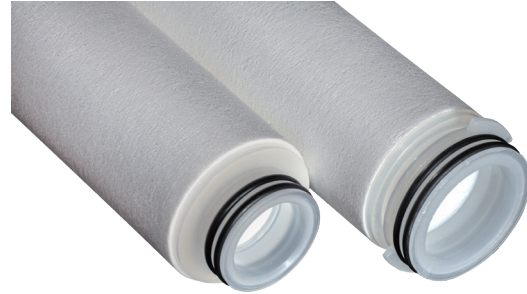
Operating Conditions

Operating Temperature:	110°C (230°F) max.
Operating dP (max.):	3.5 bar (50 psi) @ 80°C (176°F)
	1.2 bar (18 psi) @ 100°C (212°F)
Change-Out dP:	2.6 bar (38 psi) @ 20°C (68°F)

Clean Pressure Drop



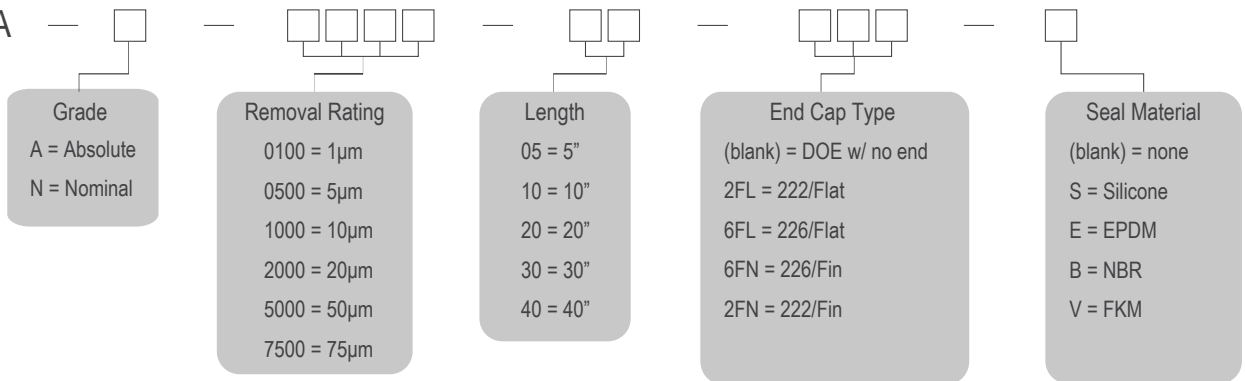
E-MBPA cartridges are available with thermally-bonded adapters to fit industry-standard housings.



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 - MBPA



To order or for technical assistance, please contact:

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.