

# Deltapor MB

Deltapor MB are nominally rated depth filters with a graded pore structure and a molded core.

The Deltapor MB are manufactured from polypropylene microfibers which offer high throughput, low pressure loss, high dirt capacity and a long on-stream life.

The bonded fiber construction minimizes any possibility of fiber migration and resists particle shedding, even under pulse conditions. Consisting only of pure polymer, Deltapor MB are compatible with most chemical processes and contain no additives, leachables or extractables, making it compliant with the requirements of FDA food and beverage contact.

Elements can be incinerated to trace ash reducing disposal costs.



## Features & Benefits

- Graded pore structure
- Molded center core for higher collapse strength
- High contaminant holding capacity
- Long filter service life
- 100% PP for compatibility with a wide range of process fluids
- Micro-denier melt blown filtration for nominal removal efficiencies
- Formed by thermal bond without use of any binders and adhesives

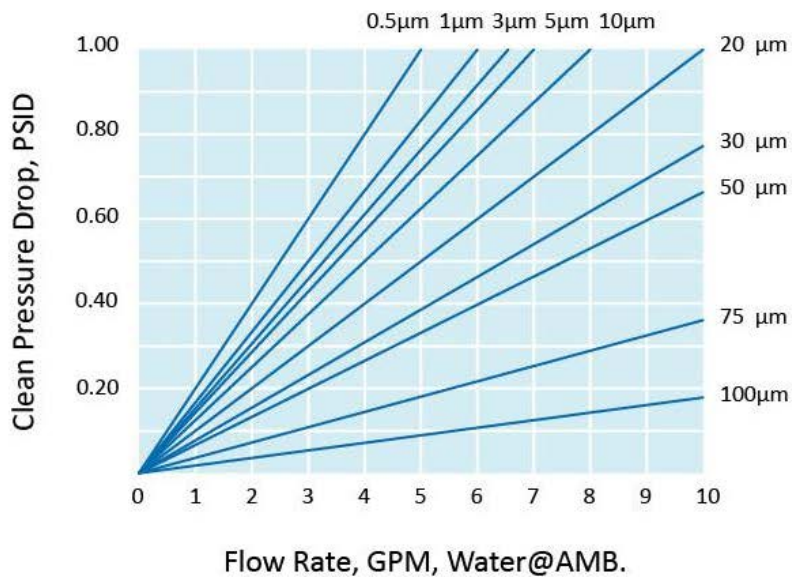
## Applications

- Resins, paints and inks
- Process and potable water
- Photographic emulsions
- Photoresists
- High purity chemicals
- Food and beverage

## Technical Specifications

Maximum Temperature	167°F (75°C)
Recommended changeout $\Delta P$	35psid (2.4 bar)
Maximum differential pressure at different temperatures	58psid @ 68°F (4bar @ 20°C)
	29psid @ 140°F (2 bar at 60°C)
	14.5psid @ 176°F (1 bar at 80°C)
Dimensions	Uncapped: O.D. 2.5"(66mm) X I.D. 1.1" (28mm)
	Capped: O.D. 2.7" (68mm) X I.D. .98" (25mm)
Length	See Ordering Guide

## Pressure drop/ Flow rate for 10" Deltapor MB



Flow rate is per 10" cartridge. For liquids other than water, multiply the pressure drop by the fluid viscosity in centipoises

## Ordering Guide

Name	Micron Rating	Nominal Length	End Cap Type	Seal Type
Deltapor MB	0.5µm	10"	03	E - EDPM
	1µm	20"	07	N - Buna N
	3µm	30"	08	S - Silicone
	5µm	40"	no code - cut ends	V - Viton
	10µm	50"	09 - PE gasket	T - Teflon Encapsulated Viton
	20µm		S - Plastic Spring	
	30µm			
	50µm			
	75µm			
	100µm			

DPMB-NA-0317



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