

GDMB® grade

Polypropylene Melt Blown, Media Filter Cartridges

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GDMB Melt blown cartridges are manufactured by a continuous spun bonding technology that assures a consistent product. 100% all polypropylene construction gives wide chemical compatibility and extremely low extractables. These cartridges offer exceptional value in both removal efficiency and dirt holding capacity where protection of more expensive membrane filters is important.

Construction Materials ¹

Filtration Media:Melt Blown Polypropylene
End Caps:Polypropylene
Standard O-rings and Gaskets: EP

¹ All materials of construction are FDA accepted. Final assemblies have been validated to pass USP class 6 Toxicology extractable tests, oxidizable substances for plastics, endotoxin level and other quality tests.

Flow Rate

The following table represents typical water flow at a one psi (69 mbar) pressure differential across a single 10 inch cartridge element. The test fluid is water at ambient temperature. Extrapolation for housings with multiple elements and higher pressure drops is acceptable, but as flows increase the pressure drop of the housing becomes more apparent.



Maximum Operating Parameters

Forward Differential Pressure: 30 PSI
Reverse Differential Pressure: 20 PSI
Maximum Operating Temperature: 140°F (60°C)

Dimensions

Length: 5 to 40 inches (12.7 to 101.6 cm) nominal
Outside Diameter:2.50 inches (6.35 cm) nominal

Pore Size	1.0µm	3.0µm	5.0µm	10µm	20µm	30µm	50µm	75µm	100µm
GPM	3.0	5.0	6.0	7.50	10.0	12.0	> 12	> 12	> 12
LPM	11.35	18.92	22.71	28.39	37.85	45.42	>45.42	>45.42	>45.42

Ordering Information

The cartridge catalog number is made up of several variable characters i.e. pore size, end cap code, length, and O-ring material. For example: a 10µm, 10 inch long cartridge with a Polyethylene Integra, Flat Gasket, Double Open End would be designated as: GDMB10*N00001P0.

