



## **MicroSentry™**

### **MB SERIES**

**Melt Blown**  
**Depth Cartridges**

Shelco® leads the way with its all new melt blown cartridge. Made of 100% Polypropylene, there are no additives or surfactants used that will cause foaming or other undesirable effects to the throughput. With true graded density construction, these cartridges have the most dirt holding capacity available. With standard lengths to fit most housings, these cartridges are the perfect choice when economy and efficiency are critical.

### **Features**

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- Thermally bonded Microfibers create a stable self supporting media
- Meets requirements of the FDA for food and beverage applications
- Graded density construction provides true depth style filtration
- Made of 100% Polypropylene with no surfactants that cause foaming
- Polypropylene construction offers a wide range of chemical compatibility
- Fixed pore construction allows for higher dirt holding capacity without unloading as the differential pressure increases
- Available in 1, 3, 5, 10, 20, 30, 50 ,75,100 microns and lengths up to 50"
- Different end cap configurations available to fit your specific requirements

### **FDA Compliance**

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Shelco® MicroSentry™ Melt Blown Cartridges are manufactured of pure polypropylene materials with no additives or other manufacturing agents. Shelco® certifies that all materials used in the production of these cartridges meet the requirements of FDA Title 21 of The Code of Federal Regulations 174.5 and 177.1520.

### **Applications**

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- RO Prefilters
- Food & Beverage
- Potable Water
- Plating Solutions
- Electronics
- Wastewater
- Photographic & Chemical solutions
- Commercial & Residential applications

# Product Specifications

## Nominal Micron Ratings

1, 3, 5, 10, 20, 30, 50, 75, 100

## Nominal Lengths

5", 10", 20", 30", 40"

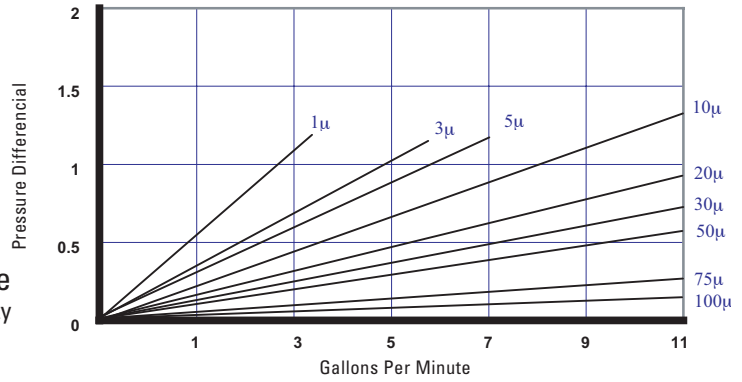
## Materials of Construction

Filter Media – 100% Polypropylene

End Caps (Optional) – Polypropylene

Gaskets (Optional) – Various Materials Available

Please consult with a Shelco Technician for proper compatibility



## Operating Conditions

140° F (60° C) Max Temperature

Recommended change out: 20 PSID

## ORDERING GUIDE

<b>MB</b>	<b>5</b>	<b>-</b>	<b>10</b>	<b>S3</b>	<b>E</b>
PRODUCT CODE	MICRON		LENGTH	END CAP CONFIGURATION	GASKET/O-RING
MB	1		5 = 4 7/8"	Blank = DOE	Blank = None
	3		10 = 9 7/8"	EXP = PP Core Extender	B = Buna-N
	5		20	S3 = 222 w/Fin End	E = EPR
	10		30	S4 = 222 w/Flat End	S = Silicone
	20		40	S5 = 226 w/Fin End	V = Viton
	30			S6 = 226 w/Flat End	PG = Polyethylene
	50			S8 = SOE w/Spring	Flat Gaskets
	75			S12 = 222 w/Spring	
	100			F = Fin End Only	
				FL = Flat End Only	

Part Number Example: MB5-10S3E



Cap Options

## Filter Housings

Shelco® manufactures a full line of filter housings. From our rugged single element housings to our heavy-duty multi-rounds and bag housings, we have the right filter for your requirement. Shelco® is the perfect choice for your problem solutions.



#3 and #4 size Housings



Multi Cartridge Housings



High Flow  
Multi Cartridge Housings



Bag Filters



Jumbo Cartridge Housings



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# SHELCO FILTERS

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