

MicroSentry™

ME SERIES

Nominal Rated Pleated Cartridges

Shelco® introduces its full line of nominal rated pleated filter cartridges. With more square feet of filtering media, this cartridge offers more dirt holding capacity and longer changeout intervals than any other cartridge on the market. Made of economical polyester / polypropylene blended media, these cartridges are the best alternative to string wounds, resin bonded, or spun cartridges. The MicroSentry™ MEE pleated cartridges are made of 100% synthetic fibers to eliminate any contamination from binders or additives. Make Shelco's ME series your choice for longer life and lower filtration costs.

Features

- More square footage of media provides a lower initial pressure drop
- Our ME Series is manufactured with no resin binders that can break down and contaminate the throughput
- Layers of media are laminated together to provide depth filtration
- The MEE is made of 100% synthetic fibers with no surfactants that cause foaming
- Pleated media offers more consistent flow patterns for higher micron efficiencies
- Fixed pore construction allows for higher dirt holding capacity without unloading as the differential pressure increases
- Available in 0.35, 1A, 1, 5, 10, 20, and 50 microns nominal and lengths up to 40"
- Available in both standard 2 ½" and 4 ½" (BB Style) configurations
- Cartridges rated for 10 Microns and above are washable and reusable significantly reducing filtration costs

FDA Compliance

Shelco® MicroSentry™ MEE Cartridges are manufactured of 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.

Applications

- | | | |
|----------------------|---------------------|---|
| • Water Purification | • Plating Solutions | • Photographic & Chemical solutions |
| • Food & Beverage | • Electronics | • Commercial & Residential applications |
| • Bottled Water | • Wastewater | |

Product Specifications

Materials of Construction

Filter Media – Polyester / Polypro Blend

Filter Core – Polypropylene

End Caps – Plastisol

Nominal Micron Ratings

0.35, 1A, 1, 5, 10, 20, 50

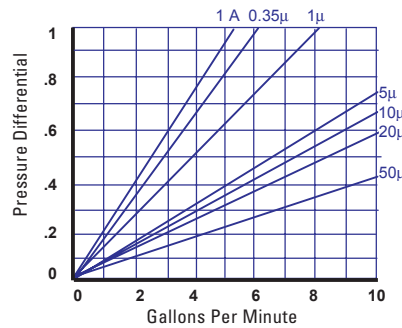
Nominal Lengths

10", 20", 30", 40"

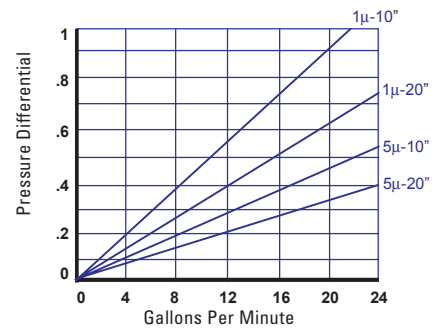
Operating Conditions

140° F (60° C) Max Temperature

Recommended change out 20/25 PSID



Standard Cartridge



Full-Flow (BB) Cartridge

ORDERING GUIDE

ME	E	5	-	975	BB
PRODUCT CODE	MEDIA	MICRON		LENGTH	O.D.
ME	E – Polyester/Poly Blend	0.35		975 – 9 3/4"	Blank – 2 5/8"
		1A		10	BB – 4 1/2"
		1		195 – 19 1/2"	
		5		20	
		10		294 – 29 1/4"	
		20		30	
		50		40	

Part Number Example: MEE10-975BB

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.



Single Cartridge Housings



Multi Cartridge Housings



High Flow
Multi Cartridge Housings



Bag Filters



Jumbo Cartridge Housings



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SHELCO FILTERS

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