



## **MicroSentry™** **HTF FILTER BAGS**

Shelco® MicroSentry™ HTF filter bags are manufactured in a variety of styles and materials. Made of the highest quality media, the HTF Series will give you the highest particle retention, largest solids-loading capacity and widest range of options. These bags are the ideal choice for your specific filtration requirement. With standard sizes to fit most housings, these bags are the perfect choice when quality is important. The HTF filter bags are available in microns ratings from 1 to 1500.

### **Features**

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- Standard MicroSentry™ HTF bags fit most major manufacturer's housings
- Available in felt media for high solids retention, monofilament mesh for precise pore sizes and reusable applications, and multifilament mesh for low cost, disposable applications
- The HTF bags are available with steel, stainless steel and plastic rings or a plastic flange with integral handles for positive sealing
- When coupled with the Shelco® MicroGuardian™ Bag Housing these bags offer the highest efficiencies available
- Media's include Polypropylene, Polyester, Nylon, Nomex for high temperatures, and Teflon for the widest range of compatibility in the industry
- Bags are produced with a glazed finish to reduce media migration
- Available with heavy duty fiber handles for easy removal
- Sizes include #1, #2, #3, and #4 size bags

### **Applications**

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|---------------|-----------------|-----------------|
| • Paint       | • Lubricants    | • Resins        |
| • Beverages   | • Inks          | • Adhesives     |
| • Coatings    | • Parts Washers | • Prefiltration |
| • Waste Water | • Chemicals     | • Ground Water  |

## Bag Construction

**Felt Bags** – Filtration felt is a low cost disposable media with particle retention from 1 to 200 microns. It has depth filtration qualities and high solids loading capacity. Felt bags are available in Polyester, Polypropylene. The felts are glazed or singed to minimize media migration.

**Monofilament** – Monofilament mesh is an extremely strong material with precise weaving to ensure consistent pore sizes. It is reusable in many applications. Nylon, Polyester and Polypropylene media are available, with micron ratings from 1-1200 microns.

**Multifilament** – Multifilament mesh is a low cost media with micron ratings from 100-1500 microns. It can be used in applications where the extra strength of a monofilament is not needed. Multifilament mesh is available in Nylon and Polyester.

### ORDERING GUIDE

<b>B</b>	<b>E</b>	<b>G</b>	<b>-</b>	<b>50</b>	<b>2</b>	<b>SS</b>	<b>H</b>
PRODUCT CODE	MEDIA	FINISH		MICRON	SIZE	RING	OPTIONS
B – Bag	E – Polyester	P – Plain		1 300	1	S – Steel Ring	H – Handle
	P – Polypropylene	G – Glazed		3 400	2	SS – Stainless Steel Ring	
	NMO – Nylon			5 600	3	P – Polypropylene Ring	
	Monofilament			10 800	4	PF – Polypropylene Flange	
	EMO – Polyester			25 1200		DS – Draw String	
	Monofilament			50 1500			
	PMO – Polypropylene			75			
	Monofilament			100			
	NMU – Nylon			150			
	Multifilament			200			
	EMU – Polyester			250			
	Multifilament						
	OA – Oil Absorbent						
	HP – High Efficiency						

Multifilament bags are available in 100 microns and above only. For High Efficiency Bags Only Add – A for 98%; B for 95%; C for 90% after the Micron Code.  
Example: BHPG-5A-2SSH

### 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



#1 and #2 size housings



Multi Round bag housings  
2 thru 6 round



134 Coating for sea water and corrosive environments



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**SHELCO FILTERS**

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