



Quality filter cartridges and customized housings.



www.shelco.com

MicroVantage™ Absolute Rated & High Efficiency Cartridges & Sanitary Housings
High Flow Housings & Cartridges • Nominal Rated Cartridges • Customization



Filtration solutions, engineered and

It is crucial that your systems work to your exact specifications and standards. That is why Shelco works closely with our clients to customize their orders when needed.

Our technicians are always on hand to discuss custom materials and design options, duplexing, multiple fittings and other services so we can always find a solution that meets your precise requirements.

We are committed to providing excellence today, and in the future.



manufactured for your specific needs.

1968



Shelco is incorporated

1973



Shelco introduces housing manufacturing

1979



Shelco begins manufacturing multi-cartridge housings

1984



Shelco introduces disposable cartridges

1993



Shelco moves forward with second generation of leadership

2005



Shelco relocates to our state-of-the-art manufacturing facility

2011



Shelco's clean room opens and pleated operations begin

2013



Shelco receives ASME code certification

Single Cartridge Housings & Plastic Housings

Shelco's Single Cartridge Housings have been a standard in the industry for more than 40 years. Available in 304L or 316L stainless steel, brass head with 304L body or cast iron head and steel body, this series is designed to work with a wide range of systems. We offer various connection sizes to fit almost any application and with a wide variety of gasket options these housings are compatible with most fluids.

Shelco's Plastic Housings are a high-quality, economical alternative to stainless steel or other materials. Our durable housings are made of FDA materials designed to stand up to the most aggressive solutions as well as the most sensitive fluids.

Single Cartridge Housings:

FOS Series	FOC Series
FOSBN Series	FA Series
RHS Series	CSF Series
RHB Series	FLD Series

Plastic Housings:

SPH Series
VPH Series



Multi-Cartridge Housings

We manufacture a complete line of Multi-Cartridge Housings to accommodate a wide range of applications and flow rates. Clamp or swing bolt-style closures make this series the perfect choice when performing a light duty or heavy industrial process. With flow rates that can exceed 1,700 GPM, fittings that can be changed or moved to fit your specific needs and internals that can be made to accept your cartridge preference, these housings have the flexibility to be the ideal choice for your application.

Multi-Cartridge Housings:

4FOS & 5FOS Series
7FOS Series
12FOS & 22FOS Series
36FOS & 52FOS Series
85FOS Series



Quality filter cartridges

Bag Housings & MicroSentry™ Bags

High-quality Bag Housings and Bags are essential to maximizing the performance of a filtration system. Shelco's heavy-duty bag housings are made of stainless steel and carbon steel and offer flow rates ranging from 50–1,200 GPM. Features such as adjustable stainless leg assembly, positive bag seal, quick opening clamp or swing bolt closure, differential gauge ports and a stainless steel basket make our bag housings the industry leader. With the flexibility to change the connection size and type, the location of the connection ports to opposite sides, same side or standard bottom out, these housings are the perfect choice as a stand-alone filter system, manifolded or duplexed.

Shelco's MicroSentry™ Bags are manufactured in a variety of styles and materials. Made of the highest quality media, the HTF Series will deliver the highest particle retention, largest solids-loading capacity and the 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 Series is available in micron ratings from 1 to 1,500.

Bag Housings:

- BF Single Bag Series
- BFS Multi-Bag Series
- BFC Carbon Steel Series

Bags:

- MicroSentry™ HTF Series



Jumbo Housings & Cartridges

Shelco's Jumbo Housings are designed to accept single or multiple cartridges that can handle flow rates from 50–1,000 GPM. With cartridges made of polyester media that can be cleaned and re-used and housings made of 304L or 316L stainless steel, this series is at its best against the toughest solutions and high solids contamination. Available in either band clamp or swing bolt closure, the housings are easy to use and offer a superior leak-proof seal. With all stainless steel internals and a positive compression top plate, there is no chance of fluid by-pass. This series offers a wide range of options in connection sizes, types and locations. All housings come with differential pressure ports and gauges and all have mounting legs and grounding lugs for foolproof installations. The cartridges are available in a wide range of micron ratings and can be cleaned and used again and again.

Jumbo Housings:

- SJCH Single Series
- SJCH Multi-Series

Jumbo Cartridges:

- SJC Series



For more information about the complete line of Shelco

and customized housings.

High Flow Housings & Cartridges

Shelco's High Flow filter housings and cartridges are designed for flow rates up to 500 gallons per minute in a single element configuration. We offer the multi-round configurations in 2 through 12 round, providing flows up to 3,500 GPM, in horizontal or vertical configurations. The horizontal design provides ease of operation and cartridge change-outs. High Flow housings also allow for a smaller foot print and greater flow rates over standard 2.5" diameter cartridges.

The large, single-cartridge pleated High Flow filters provide up to 100 square feet of surface area for increased dirt-holding capacity (and reduced long-term filter costs). Shelco's High Flow cartridges are thermally bonded and made from multi-layers of FDA-compliant polypropylene microfiber. The inside-out flow retains contaminant during change-outs and the cartridges are offered in micron ratings from .5 - 100 micron.

High Flow Housings:

HFE High Flow Eco Series
HF High Flow Series

High Flow Cartridges:

HFEC High Flow Eco Series
HFC High Flow Series



Nominal Rated Cartridges

Shelco's full line of Nominal Rated Cartridges offers a solution to every filtration challenge. This line has more square feet of filtering media, more dirt-holding capacity, and longer change-out intervals than any other cartridge on the market. We offer wound cartridges, pleated cartridges made of 100% synthetic media, polypropylene spun cartridges, stainless steel cylindrical and pleated cartridges and carbon block cartridges. Each cartridge boasts excellent dirt-holding capacity, long service life, as well as excellent efficiencies and flow rates. With this line-up, we have the cartridge to fit your specific requirement.

Nominal Rated Cartridges:

MicroSentry™ - MS Series
MicroSentry™ - MB Series
MicroSentry™ - ME Series
MicroSentry™ - SS Series
MicroSentry™ - SCB Series



MicroVantage™ Absolute Rated & High Efficiency Cartridges & Sanitary Housings

The Shelco MicroVantage™ Series is the premier choice when absolute retention is essential to the process. These high-grade pleated cartridges are designed specifically to meet the most stringent applications. From high-efficiency depth media to pharmaceutical grade membranes, we offer the most complete line of cartridges for the beverage, electronic and pharmaceutical industries – and meet the needs of many other market segments. Our MicroVantage™ Pleated Membrane Series is manufactured under a quality management system.

Our High-Efficiency Cartridges offer higher dirt holding capacity than any other cartridge available, and boast a greater stability for higher differential pressures. Our filters come in standard lengths to fit most housings, and are constructed of materials specifically chosen to match each application independently.

For critical and demanding applications that require purity and durability, Shelco's Sanitary Housings are the solution. This series offers heavy duty construction, standard finishes of 20 Ra internal and 32 Ra external, sanitary ferrules for the inlet and outlet with ½" sanitary ferrules for the drain and vent, making these housings the perfect choice when high purity and reliability are a must.

MicroVantage™ Absolute Rated Cartridges:

MAS Series - General Grade
MAS Series - Beverage Grade
MAS Series - Electronic Grade
MAS Series - Pharmaceutical Grade
MAT Series - PTFE Membrane
MAN Series - Nylon 6,6, Membrane
WGAS Series - Water Grade PES
WGPS Series - Polysulfone Membrane

High-Efficiency Cartridges:

MicroVantage™ - PD Series
MicroVantage™ - MD Series
MicroVantage™ - MP Series
MicroVantage™ - MGF Series

Sanitary Housings:

SFH Series



Customization

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Contact our technical support staff at (800) 543-5843
or via e-mail: info@shelco.com.



Global Manufacturing Experience.

Shelco is your one-stop shop for filtration solutions worldwide.
No matter where you do business, our dedicated professionals can design
a housing and filter to meet your specific needs.

Shelco has a solution for you.



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