



*Quality filter cartridges and customized housings.*



[www.shelco.com](http://www.shelco.com)

A man in a blue shirt and safety glasses is working on a large industrial filtration tank in a factory setting. He is wearing white gloves and is focused on the task. The background shows other similar tanks and industrial equipment.

## 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 excellence in the present, 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*

...and beyond.



# Quality filter cartridges and customized housings.

## Single Cartridge Housings & Plastic Housings

Shelco's Single Cartridge Housings have been a standard in the industry for more than 30 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 whether it is a light duty or heavy industrial process. With flow rates that can exceed 1,000 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 requirement.

### Multi Cartridge Housings:

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



For more information about the complete line of Shelco products call 1.800.543.5843  
or visit [www.shelco.com](http://www.shelco.com)

## 🔹 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 manufactured of stainless steel and carbon steel. 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 give you 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 1500.

### Bag Housings:

BFS Series  
BFC Series

### Bags:

MicroSentry™ HTF Series



## 🔹 Jumbo Housings & Cartridges

Shelco's Jumbo Housings & Cartridges are designed to accept a single cartridge that can handle flow rates of up to 150 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 Series

### Jumbo Cartridges:

SJC Series



## Stacked Disc Housings & Cartridges

The Stacked Disc Housings are made of stainless steel construction with either a clamp or swing bolt-style closure. These housings incorporate an internal spring-loaded seal plate for a positive cartridge seal. With maximum operating pressures of up to 150 psi @ 300°F, this series is the perfect solution for the stringent requirements of a wide spectrum of industries.

Superior particle retention and high contaminate holding capacity are the highlights of Shelco's new Stacked Disk Cartridges. These filters are formulated of cellulose media and inorganic filter aids, and combine the technology of electro kinetic adsorption with mechanical straining.

### Stacked Disc Housings:

SD Series

UD Series

### Stacked Disc Cartridges:

SDC 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, resin-bonded 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™ - R 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 certified to ISO 9001:REV 2000.

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 25 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:

MA Series - General Grade  
MA Series - Beverage Grade  
MA Series - Electronic Grade  
MA Series - Pharmaceutical Grade  
MAT Series  
WGAS Series

### High-Efficiency Cartridges:

MicroVantage™ - PDA Series  
MicroVantage™ - MD Series  
MicroSentry™ - MH Series  
MicroSentry™ - MP Series

### Sanitary Housings:

S Series

## Customization

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 porting, fitting options to meet your piping schemes, and other options so we can always find a solution that meets your precise requirements.

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