



## **MicroSentry™ SS Series**

### *Stainless Steel Cartridges*

Shelco® SS series cartridges are the perfect choice for your high temperature applications up to 500°F. 304L or 316L stainless steel offer excellent product compatibility. The SS series has a broad choice of gasket materials and end cap configurations allowing the SS series cartridges to be used in a wide variety of housings. Produced in cylindrical or pleated media for extra cartridge life and offering the advantages of a truly cleanable and reusable cartridge.

### **Features**

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- Available in 304L or 316L Construction and offers a wide range of compatibility with fluids and temperatures
- Many different gasket options to meet your specific requirements
- Micron ratings from 5 to 840 provides a full range of uses from accurate filtration to straining
- End cap configurations consist of DOE with gasketed ends, SOE with 222, 226 or NPT thread
- Pleated elements provide more surface area for longer life and more dirt holding capacity
- All welded construction gives these cartridges the highest mechanical strength available in a stainless cartridge
- Temperatures up to 500°F
- Differential pressures up to 60 PSID
- Cleanable and reusable
- Pleated cartridges 100 micron and finer have a heavy more open support layer to prevent collapsing of the pleats
- Optional pleat protector available to prevent denting and damage to the pleated surface

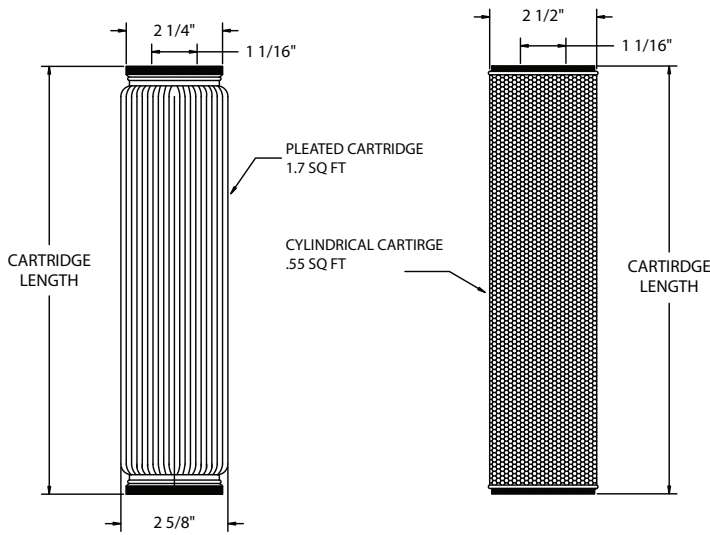
### **Applications**

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- |                              |                     |                               |
|------------------------------|---------------------|-------------------------------|
| • High Temperature           | • Plating Solutions | • Chemical Solutions          |
| • High Differential Pressure | • Electronics       | • Corrosive Liquids and Gases |
| • Potable Water              | • Wastewater        | • Viscous Fluids              |
| • Caustic Fluids             | • Straining         | • Hydraulic Oil               |

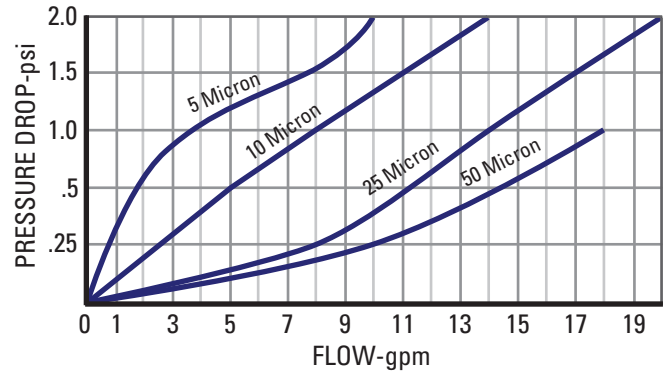
# Product Specifications

## Dimensions



## Water Based Flow Chart

Using a 10" Pleated Element



### Note:

We recommend a flow rate no greater than 7-8 gpm per 10" on cartridges 50 microns and below for maximum life and change out. You will also need to consider the pressure drop across the housing when sizing.

## ORDERING GUIDE

| SS                 | 975  | - | 75   | P                              | 1M  | E  | - | PL                   | - | 316                        |
|--------------------|--|---|--|--------------------------------|---|--|---|----------------------|---|----------------------------|
| Product Code       | Length   |   | Micron   | Style                          | End Cap Configuration   | Gasket O-Ring                                  |   | Pleat Protector      |   | Material                   |
| SS=Stainless Steel | 5 = 4 7/8"<br>975 = 9 3/4"<br>978 = 9 7/8"<br>10 = 10"<br>195 = 19 1/2"<br>20 = 20"<br>295 = 29 1/4"<br>30 = 30"<br>40 = 40" |   | 5<br>10<br>20<br>40<br>75<br>100<br>120<br>150<br>190<br>230<br>280<br>370<br>540<br>840 | C = Cylindrical<br>P = Pleated | Blank = DOE<br>S4 = 222 w/Flat End<br>S6 = 226 w/Flat End<br>1M = 1" NPTM<br>1F = 1" NPTF | B = Buna<br>E = EPR<br>T = Teflon<br>V = Viton |   | PL = Pleat Protector |   | Blank = 304L<br>316 = 316L |

## 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



tel: 800.543.5843  
fax: 860.667.6549  
e-mail: info@shelco.com  
www.shelco.com

# SHELCO FILTERS

697 Cedar Street . Newington, CT 06111 . USA