MicroSentry™ SS Series
Stainless Steel Filter Cartridges

Applications
- High Temperature
- High Differential Pressures
- Viscous Fluids
- Corrosive Liquids and Gases
- Caustic Fluids
- Plating Solutions
- Straining
- Hydraulic Oils
- Petrochemicals
- Photo Solutions
- Magnetic Coatings
- Process Water
- Wastewater
- Chemical Solutions

Ideal for high temperature applications up to 500°F (260°C) and high differential pressures up to 60 PSID
- 304L and 316L Stainless Steel construction for compatibility with a wide range of fluids
- 2 through 840 microns ratings for broad range of uses from fine filtration to straining
- Available in cylindrical and pleated configurations for cost effective and extra service life requirements
- Cleanable and reusable
- All welded construction provides highest mechanical strength cartridges
- End cap configurations available in DOE, 222/Flat, 226/Flat, 1" MNPT or 1" FNPT fittings

Specifications & Operating Parameters

Pore Sizes
2, 5, 10, 20, 40, 75, 100, 120, 150, 190, 230, 280, 370, 540, 840 microns

Nominal Lengths

Diameters:
- Outside: 2 1/2" (Cylindrical), 2 5/8" (Pleated)
- Inside: 1 1/16"

Gaskets / O-rings
- Buna, EPR, Teflon, Viton

Materials of Construction
- 304L or 316L Stainless Steel

Maximum Temperature
- 500°F (260°C)

Maximum Change-out Differential Pressure
- 60 psid (4.2 bar)

End Cap Configurations
- DOE, 222/flat, 226/flat, 1" MNPT, 1" FNPT

Options
- Pleat protector to prevent denting and damage to surface
- Heavy duty core (300 psi)

Request a Quote Today!

www.commercialfiltrationsupply.com
Filter Housings

Shelco manufactures a full line of filter housings. From our rugged single cartridge housings to our heavy duty multi-cartridge housings and bag filter housings, Shelco is the perfect choice for your filtration solutions.

Ordering Guide (Example: SS975-75PS1E-PL-316)

<table>
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<tr>
<th>SS</th>
<th>975</th>
<th>-</th>
<th>75</th>
<th>P</th>
<th>S1</th>
<th>E</th>
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<th>PL</th>
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<td>LENGTH</td>
<td>MICRON</td>
<td>STYLE</td>
<td>END CAP CONFIGURATION</td>
<td>GASKET / O-RING</td>
<td>OPTIONS</td>
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<tr>
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<td>C = Cylindrical</td>
<td>S1 = DOE</td>
<td>B = Buna</td>
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<td>P = Pleated</td>
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<td>S6 = 226 w/ Flat End</td>
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Flow vs. Pressure Drop

Flow rates exceeding 7-8 GPM per 10’ length are not recommended for 50 microns or below for maximum service life. This chart represents the typical flow rate per 10’ cartridge length. The test fluid is water at ambient temperature. Extrapolations for multiple lengths tend to be linear, but as flows increase the differential pressure across the housing becomes more apparent.

For pricing and information please call Commercial Filtration Supply at (855)-236-0467
Visit us Online at: www.commercialfiltrationsupply.com for more filtration products.