Disc Filters are manufactured to the highest industry standards and packaged in an appropriately rated clean room. They are available in 13 mm through 142 mm diameters and a wide range of pore sizes and media for research on filtration of both liquids and gases. Applications include pharmaceuticals, industrial chemicals, solvents, water and process gases. Disc filters may also be used for small vent filter applications.

Disc filters may be used with CSH-47 holders for validation, sampling, process scale up, and venting. All materials of construction are FDA accepted. All filter discs have been validated to pass USP Class VI toxicology, oxidizable substances, endotoxin level and other quality tests.

## Microfiber Pore Sizes Available

<table>
<thead>
<tr>
<th>Pore Sizes (μm)</th>
<th>.10</th>
<th>.22</th>
<th>.45</th>
<th>.65</th>
<th>1</th>
<th>3</th>
<th>5</th>
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## Membrane Pore Sizes Available

<table>
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<th>Pore Sizes (μm)</th>
<th>.03</th>
<th>.05</th>
<th>.10</th>
<th>.22</th>
<th>.45</th>
<th>.50</th>
<th>.65</th>
<th>.80</th>
<th>.85</th>
<th>1.0</th>
<th>1.2</th>
<th>3</th>
<th>5</th>
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</tbody>
</table>

## Applications
- Aseptic Sampling of Fluids
- Contamination Analysis
- Particulate and Filterability Testing
- Process Scale Up Studies
- Validation Studies
- Vents

## Membrane Media
- **Code**: CWPS = High Capacity PES, NC = Positively Charged Nylon, NM = Nylon, PM = Polypropylene, PS = PES, PVWL = Hydrophilic High Capacity PVDF, PVWB = Hydrophobic High Capacity PVDF, TM = PTFE

## Microfiber Depth Media
- **Code**: PD = Polypropylene, GD = Glass Fiber

## Disc Diameter
- 13 = 13 mm
- 25 = 25 mm
- 47 = 47 mm
- 90 = 90 mm
- 142 = 142 mm

## Pore Size Code
- .03 = 0.03 μm
- .05 = 0.05 μm
- .10 = 0.10 μm
- .22 = 0.20/0.22 μm
- .45 = 0.45 μm
- .50 = 0.5 μm
- .65 = 0.65 μm
- .80 = 0.80 μm
- .85 = 0.85 μm
- 1.0 = 1.0 μm
- 1.2 = 1.2 μm
- 3.0 = 3.0 μm
- 5.0 = 5.0 μm

## Pore Size Code
- -40 = 0.45 μm
- -60 = 0.65 μm
- 1-0 = 1.0 μm
- 3-0 = 3.0 μm
- 5-0 = 5.0 μm
- 10- = 10.0 μm

## Disc Diameter
- 13 = 13 mm
- 25 = 25 mm
- 47 = 47 mm
- 90 = 90 mm
- 142 = 142 mm
Total Performance
Critical Process Filtration, Inc. is a vertically integrated manufacturer of filtration products to industries in which filtration is considered a critical part of the manufacturing process. We supply a complete line of products and services to help you cost effectively satisfy all your filtration requirements from a single source.

47 mm Disc Holders

**CSH 47 mm 316L Stainless Steel Disc Holders** are true sanitary housings with no threaded vents or ports. They are provided complete with a clamp on twist valve assembly allowing for complete removal and cleaning of all components. The sanitary vent valve facilitates venting, draining, sampling, and integrity testing, and a single clamp closure enables easy disassembly and disc change out. The CSH is electropolished for maximum corrosion resistance and cleanability. The inlet and outlet are 3/4" sanitary flanges and the vent fitting is a 1/2" sanitary flange. O-rings and gaskets are silicone.

**CHP 47 mm Polypropylene Disc Holders** are designed to give you an economical alternative when sampling and evaluating media. It comes standard with EP O-ring and ¼-inch MNPT inlet and outlet connections. Assembly is easy. Simply insert the 47 mm disc and thread the two body halves together.

<table>
<thead>
<tr>
<th>Disc Size</th>
<th>13 mm</th>
<th>25 mm</th>
<th>47 mm</th>
<th>90 mm</th>
<th>142 mm</th>
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<tbody>
<tr>
<td>Quantity</td>
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<td>100</td>
<td>100</td>
<td>25</td>
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</tbody>
</table>

Packaging

Request a **QUOTE** from your area representative