

Disc Filters and Holders

High Flow Rate Membrane and Media for Lab and Bench Scale Filtration



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.

Applications

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

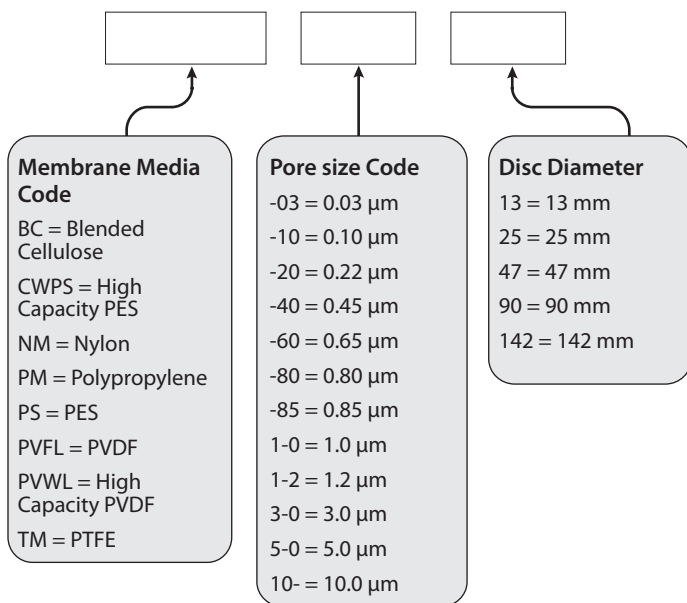
Microfiber Pore Sizes Available

Pore Sizes (µm)	.10	.22	.45	.65	1.0	3.0	5.0	10
PD	●	●	●	●	●	●	●	●
GD		●	●	●	●	●	●	●

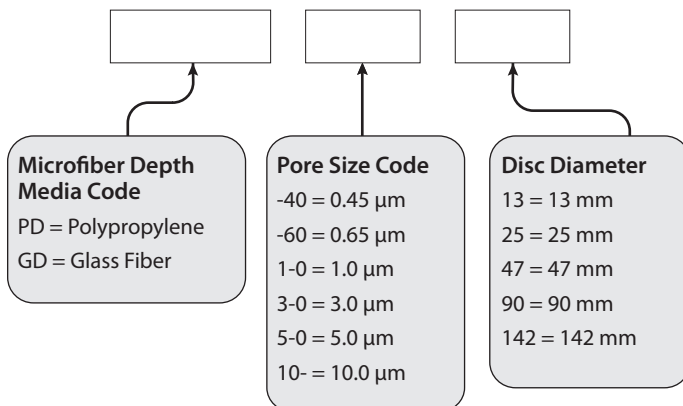
Membrane Pore Sizes Available

Pore Sizes (µm)	.03	.10	.22	.45	.65	.80	.85	1.0	1.2	3.0	5.0
PS	●	●	●	●	●	●		●	●		
CWPS			●	●	●				●		
NM		●	●	●	●						
NC		●	●	●	●						
BC			●	●	●				●		
PVWL			●	●	●		●	●			
PM		●	●								
TM		●	●	●				●		●	●

Membrane Media



Microfiber Depth Media



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.

Packaging

Disc Size	13 mm	25 mm	47 mm	90 mm	142 mm
Quantity	100	100	100	25	25

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.



Part Number: CSH-47

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 1/4-inch MNPT inlet and outlet connections. Assembly is easy. Simply insert the 47 mm disc and thread the two body halves together.



Part Number: CHP-47



Critical Process Filtration, Inc.

One Chestnut Street • Nashua, NH 03060
Tel: 603.880.4420 • Fax: 603.880.4536

criticalprocess.com • sales@criticalprocess.com

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