



## SMALL VOLUME CAPSULES

Polypropylene media high-filtration area filters for use in wide format printers for solvent / water-based inks

## SMALL VOLUME CAPSULE FILTERS

### POLYPROPYLENE COMPACT FILTERS WIDELY USED IN WIDE-FORMAT PRINTERS FOR SOLVENT / WATER BASED INKS

Cobetter® Small Volume Capsule Filters have been widely used in wide-format printers for solvent / water-based inks. These capsules feature high filtration areas for long service life and low initial pressure drop, ideal for situation where space is at a premium.

In addition to the standard polypropylene capsule, a black capsule is also available.

FEATURE	BENEFIT
<b>Small volume with filtration area up to 200 cm<sup>2</sup></b>	Delivers high filtration area in a compact design for high-flow and low initial pressure drop with up to 99.8% removal efficiency
<b>Thermal welding technology</b>	No adhesive resins to ensure capsule filter's cleanliness and long-use pressure endurance
<b>Easy and quick connection options</b>	Female Luer Lock connectors are ideal for connection to tubes with internal size of 3 mm, 4 mm, and 6 mm.
	Hose barb connectors are installed with a Luer adapter for 3 mm, 4 mm, and 8 mm hoses.
	Integrated 4 mm hose barb.
<b>Quality Assurance</b>	Manufactured in a facility which adheres to ISO 9001 Practices.

### SPECIFICATIONS

<b>Filter media</b>	Pleated Polypropylene
<b>Cage/Shell/End Cap</b>	Polypropylene
<b>Core</b>	316L Stainless Steel / Polypropylene
<b>Max. Operating temperature</b>	50°C
<b>Max. Operating Pressure</b>	0.7 Mpa (7.0 bar, 101 psi)

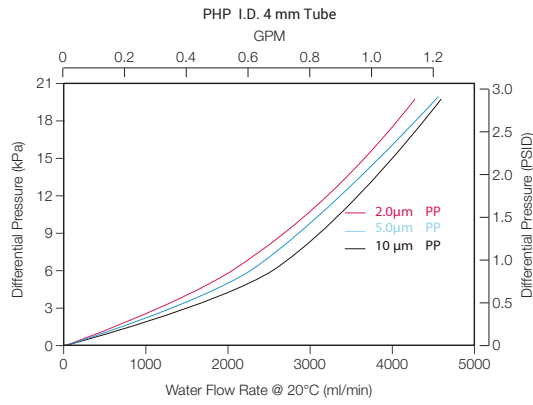
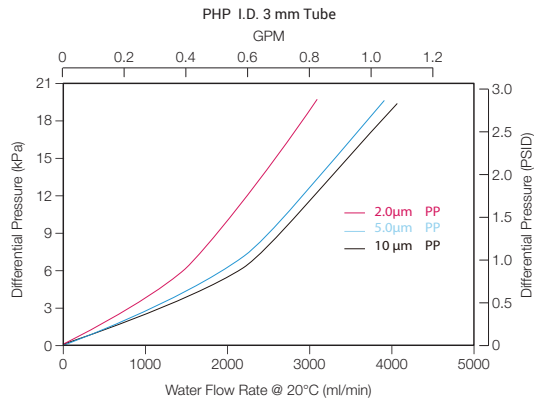


### Typical Applications

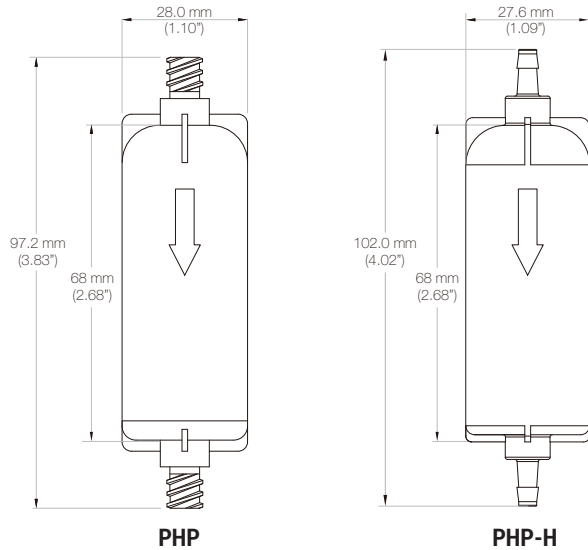
Final Point-of-Use Filtration of:

- Dye-based inks
- Pigment-based ink
- Print head protection
- Wide format printer filters

## FLOW RATES



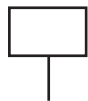
## DIMENSIONS



<b>Inlet</b>	Female Luer Lock	4 mm hose barb
<b>Outlet</b>	Female Luer Lock	4 mm hose barb
<b>Filtration Area</b>	189 cm <sup>2</sup> (24.3" <sup>2</sup> )	189 cm <sup>2</sup> (24.3" <sup>2</sup> )

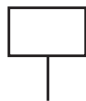
## ORDERING INFORMATION

EXAMPLE: **PHPW-INKPP0500NC** = Female Luer Lock connections, polypropylene shell, 5.0 µm



### Series

**PHP** = Female Luer Lock  
**PHP-H** = 4 mm hose barb



### -INKPP

### Shell

**W** = Standard, White Polypropylene  
**B** = Black Polypropylene



### Removal Rating

**0200** = 2.0 µm  
**0500** = 5.0 µm  
**1000** = 10 µm  
**2000** = 20 µm  
**5000** = 50 µm



### C

### Fitting Adaptors

**C** = Female Luer Lock with 4mm hose barb adaptor  
**D** = Female Luer Lock with 3 mm hose barb adaptor  
**E** = Luer Lock End caps  
**N** = No adaptors  
**Q** = Female Luer Lock with 8 mm hose barb adaptor



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