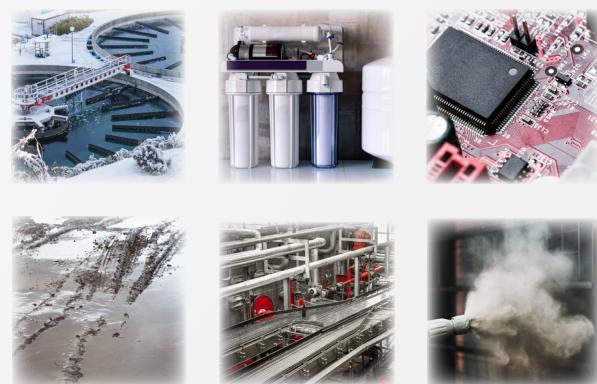


# Beta Pure Depth Filter Cartridge

The Beta Pure depth filter cartridge is with a continuously graded pore structure which provided a high-performance clarification. This design has high contaminant holding capacity, which also ensures a longer service life and lower pressure drop, resulting in lower overall filtration and disposal cost.

## ✓ Applications of product

- Filtration of cooling water system in semiconductor industry (PCW).
- Filtration of CMP Slurries.
- Pre-filtration of DI water filtration.
- Filtration of food and beverage processes.
- Filtration of process water and recycled water.
- Filtration of paint in panel painting industry usage.



## ✓ Features & Benefits

- High removal efficiency with consistent filtration performance.
- 100% PP for compatibility with a wide range of process fluids.
- Micro-denier melt-blown filtration fiber, consistent filtrate quality.
- Formed by thermal bond without use of any binders and adhesives.
- Certificated by FDA CRF Title 21.
- In compliance with the latest EC Directive for food contact.



## ✓ Operating Conditions

- Maximum operating forward pressure:  
70°C: 2.1 kg/cm<sup>2</sup>  
50°C: 3.5 kg/cm<sup>2</sup>  
30°C: 4.2 kg/cm<sup>2</sup>
- Recommended replacement pressure drop:  
2.1 kg/cm<sup>2</sup>
- Maximum operating temperature: 80 °C



## ✓ Product specifications

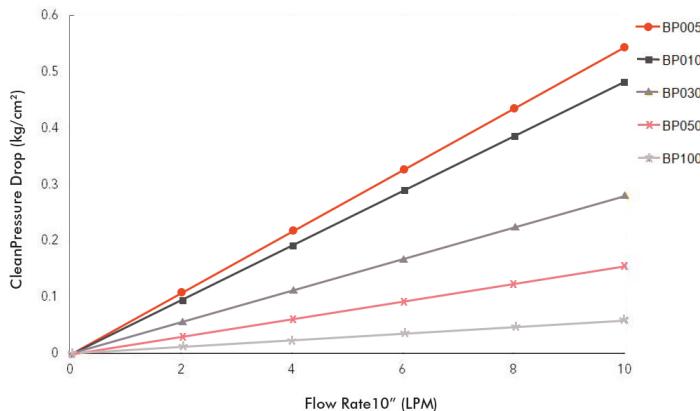
- Micron ratings: 0.5, 1, 3, 5, 10 micron
- Material of construction: 100% melt-blown micro-denier PP fiber
- Inner core: 100% PP
- Length: 10", 20", 30", 40"  
(254 mm, 508 mm, 762 mm, 1016 mm)
- Inner diameter: 28 mm
- Outer diameter: 67 mm

## Retention vs. Particle Size

Spec.	0.5 micron	1 micron	3 micron	5 micron	10 micron
BP005	99.90%	>99.9%	>99.9%	>99.9%	>99.9%
BP010		99.90%	>99.9%	>99.9%	>99.9%
BP030			>99.9%	>99.9%	>99.9%
BP050				>99.9%	>99.9%
BP100					>99.9%

Suggested equivalent products: • Pall | Profile II

## Initial Pressure Drop



## ✓ Ordering Information

BP	-	005	-	E	-	0	-	1	-	A
Beta Pure	Micron Ratings: 005 = 0.5 micron 010 = 1 micron 030 = 3 micron 050 = 5 micron 0100 = 10 micron	O-ring Material E = EPDM N = Buna N S = Silicone V = Viton T = PFA encapsulated Viton	End cap: F = Double Open & Cap (DOE) 0 = 222 /Flat (SOE) 5 = 222 /Fin (SOE) 6 = 226 /Flat (SOE) 7 = 226 /Fin (SOE)	Length: 1 = 10" 2 = 20" 3 = 30" 4 = 40"	A=Non-Preflush					