

Universal Pleated PP Filter Cartridge



- Absolute & Nominal rated PP Pleated Cartridges available
- Superior for high flow application
- Choice for higher temperature grade with steel lining for cage/end cap.
- Using hot welding technique without binder for end cap joint
- All electronic grade flashed with high purity DI water before drying for packing.

Specification

- Material of Construction :

- Filter Media: PP
- Core, Cage & End Caps: PP
- Support & Drainage: High temperature resistant PP
- O-ring Options: Silicone, EPDM, VITON, TEV
- Gasket Options: Silicone, EPDM, VITON, PTFE

- Removal Rating (Both absolute/Nominal are available)

0.10um, 0.20um, 0.45um, 0.65um, 0.80um,
1um, 3um, 5um, 10um, 20um, 30um

**Manufacturer -
Universal Filtration Solutions Asia Pte Ltd**

33 Ubi Ave 3, Vertex #07-36

Singapore 408868

Tel + 65 68417629 Fax +65 6841 7091

sales-inquiry@universal-filtration.com

www.universal-filtration.com

Configurations

- Nominal Length 5", 10", 20", 30", 40"
- Diameter 68 mm
- End Caps: 222/Fin, 222/Flat, 226/Fin, 226/Flat & DOE
- Sealing : Thermal Bonding
- Effective Filter Areas: $\geq 0.7 \text{ m}^2$ (for 10" length cartridge)

Technical Parameter

Testing Condition According to National GMP Qualification
Filtering Area $\geq 0.7 \text{ m}^2$ per 10 inch Length

Pressure Difference
at $< 95^\circ\text{C}$ (Pressure Difference : 0.1Mpa)

Sterilization
Can be Steam Sterilized under 121 deg C.

Maximum Differential Pressure at 25 deg C -

Positive direction: 0.42Mpa
Reverse direction: 0.21Mpa

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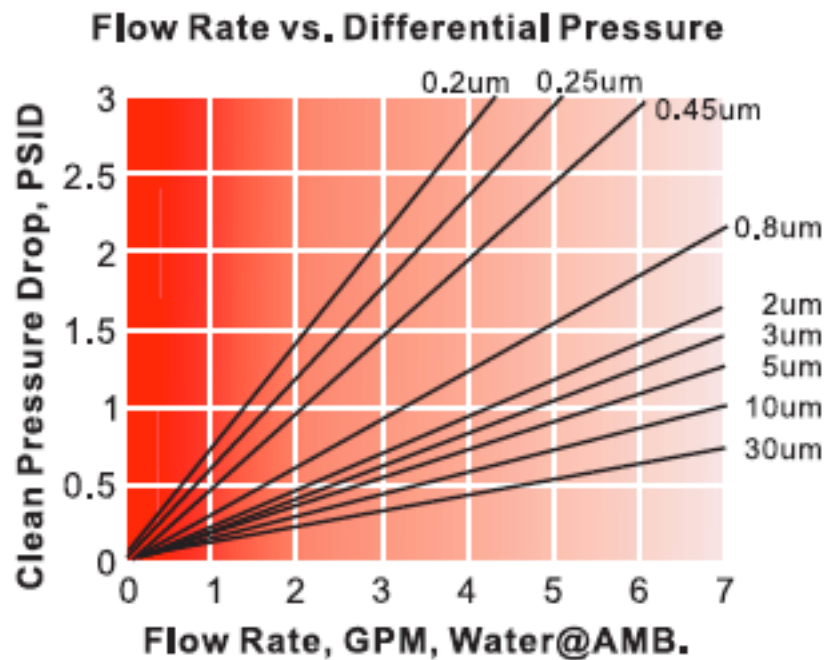
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Filter Cartridge



Flow rate vs Differential Pressure Chart



Application –

- Electronic Industry for DI water application
- Food and Beverage Industry
- Chemical Industry for solvent filtration
- Fine Chemicals Filtration

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Filter Cartridge



- Pre-filtration

Ordering Information

UPL	0.1-	10-	3	E
PP	Retention Rating	Cartridge Length	End Configuration	O Ring Material
	0.1, 0.2, 0.45 0.65, 1, 3 5, 10, 20	10" 20" 30" 40"	DOE 3-SOE 222/Flat End 7-SOE 222/Fin End 6-SOE 226/Flat End 8-SOE 226/Fin End	E- EPDM V- VITON S- Silicone T- Teflon TV- TEV

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