

Ultra-Pleated Filter Cartridge

PP, PES, Hydrophobic or Hydrophilic PTFE

Ultra-Pleat Filter is a large diameter pleated cartridge with different media for high flow rate, including Polypropylene, PES membrane, PTFE membrane, offers removal ratings from 0.04 μm to 40 μm . The high-flow filter delivers excellent performance and highly dirt holding capacity, reduces the change-out costs and keeps stability to the flow rate.

► Features & Benefits

- Low pressure drop, high capacity of dust and long service life.
- End caps and connectors sealed by thermal bond, free of binder.
- Manufacture in clean room, high clean cartridge.
- Certificated by USP XXIII and FDA CFR Title 21.
- In compliance with the latest EC Directive for food contact.

► Operation conditions

- Maximum operating forward pressure:
80°C: 3.06 kg/cm²
20°C: 4.07 kg/cm²
- Recommended replacement pressure drop: 2.5kg/cm²
- Maximum operating temperature: 80°C

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► Applications of products

- LCD wet process.
- Water Process.
- Fuels & Chemicals.
- Microelectronics.
- Power Generation.
- Food & Beverage.



► Product specifications

Micron ratings: Polypropylene : 0.2, 0.45, 1, 5, 10, 20, 40 micron
PES membrane : 0.04, 0.1, 0.2, 0.45, 0.65, 1.2 micron
PTFE membrane : 0.1, 0.2, 0.45, 1, 5, 10 micron

Support: PP fiber

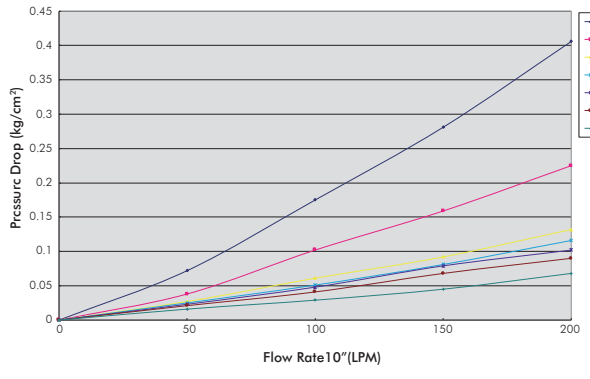
Core & End Cap: High Strength PP

O-ring Material: EPDM, Buan N, Silicone, Viton, PFA encapsulated Viton

Length: 10" (270+/-2mm)

Outer Diameter: 130mm

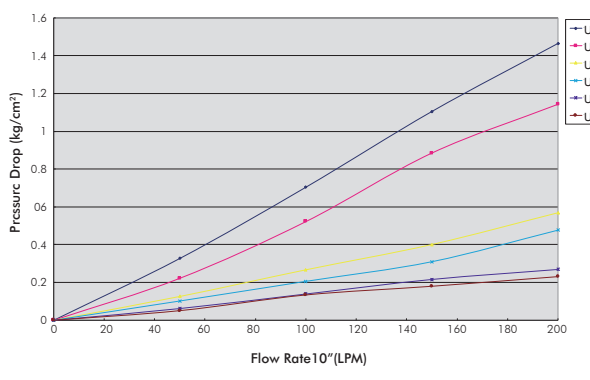
U-AR Initial Pressure Drop



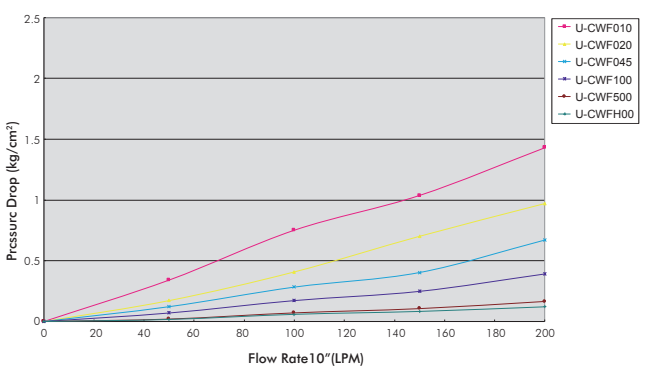
Suggested equivalent products

- Entegris
- Panelgard
- Pall
- Ultipleat PK Filter
- Entegris
- Savana 334
- FUJIFILM
- PSE/PPE Filter

U-PES Initial Pressure Drop



U-CWF Initial Pressure Drop



Ordering Information

U	- AR	- 0020	- E	- V	- 1	- B	- A
↓	↓	↓	↓	↓	↓	↓	↓
Outer Diameter U: 130mm	Micron Ratings: AR 0020 = 0.2micron 0045 = 0.45micron 0100 = 1micron 0500 = 5micron 1000 = 10micron 2000 = 20micron 4000 = 40micron		End Cap Number: V = 334 Oring (SOE) U = 334 U Cap(SOE)		CWF AR PES CWP	D = Non-Pre-wetting A = Non-Pre-flush B = Pre-flush with DI Water	
AR : PP PES : PES CWF: Poly Fluoro Hydrophobic CWP: Poly Fluoro Hydrophilic	PES 004 = 0.04micron 010 = 0.1micron 020 = 0.2micron 045 = 0.45micron 065 = 0.65micron 120 = 1.2micron		O-ring Material E = EPDM N = Buna N S = Silicone V = Viton T = PFA encapsulated Viton		Length: 1 = 10"		Integrity Test (for PES/CWF/CWP) A = Non-Integrity test B = Integrity test
	CWF 010 = 0.1micron 020 = 0.2micron 045 = 0.45micron 100 = 1micron 500 = 5micron H00 = 10micron						