

# Clariflow-E Pleated Membrane Filter Cartridges | Hydrophilic PES membrane for aqueous applications

Part #: 25-10310-002-1-E



Clariflow® -E filter cartridges are optimized for use in microelectronics applications such as DI water and aqueous-based chemicals in the removal of both organic and inorganic particulates.

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## Technical Specifications

Brand:	Parker	Outside Diameter:	2.75 inch
Media:	PES (Polyethersulfone)	Hose Reinforcement Material & Structure:	Polypropylene
Function:	Clarification/Prefiltration/Polishing	Seal Material:	EPDM
End Cap Material:	Polypropylene	Secondary Seal:	N/A
Flow Rate:	3.7gpm/psid Per 10 inch cartridge equivalent for 0.2um	Micron Rating (µm):	0.2
Filter Construction:	Pleated Membrane	End Cap Configuration:	222 O-Ring/Flat Cap
Core Type:	Polypropylene	Style:	No Insert
Industry:	Microelectronics	Length (inch):	10

[Safety Warning](#)

## Item Information

Clariflow® -E filter cartridges are optimized for use in microelectronics applications such as DI water and aqueous-based chemicals. The unique mirrored-anisotropic PES (Polyethersulfone) filter membrane has exceptionally high flow rates and on-stream lifetime while providing consistent removal of both organic and inorganic particulates.

The combination of hydrophilic PES filter membrane and a high-purity, all-polypropylene support structure results in a very low level of ionic and organic extractables, broad chemical compatibility, and resistance to particle shedding.

Every filter cartridge is fabricated in a clean room environment, pre-flushed with 18 megohm-cm ultrapure DI water, and 100% integrity tested in an ISO-certified facility.

Features/Benefits

- High-retention hydrophilic membrane
- High flow rate
- Broad chemical compatibility for multiple applications
- Long on-stream life
- 100% integrity tested

Applications

- BOE filtration
- Dilute HF filtration
- POU DI rinse filtration
- Bulk DI water systems filtration
- Copper plating filtration
- Ni plating filtration
- Hard disk wash process filtration
- Filtration of other dilute acids and bases

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**CAD Drawings + Files**



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**Related Documents**



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