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

Part #: 25-10620-001-1-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 |
| Function: | Clarification/Prefiltration/Polishing | Hose Reinforcement | |
| End Cap Material: | Polypropylene | Material & Structure: | Polypropylene |
| Flow Rate: | 1.8gpm/psid Per 10 inch cartridge equivalent for 0.1um | Seal Material: | EPDM |
| Filter Construction: | Pleated Membrane | End Cap Configuration: | 020 Internal O-Ring/Flat Cap |
| Media: | PES (Polyethersulfone) | Secondary Seal: | N/A |
| Core Type: | Polypropylene | Micron Rating (µm): | 0.1 |
| Industry: | Microelectronics | Style: | No Insert |
| | | Length (inch): | 20 |

[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

CAD Drawings + Files



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