



Advantage™ AF Filter Cartridges

■ PTFE Membrane

Mega-Pure Membrane Series

Increased Flow Rate With Next Generation, All Teflon Membrane Filter Cartridges

A unique PTFE membrane provides superior flow rate and efficiency maximizing the performance of the all Teflon Advantage™ AF filter cartridge. The Advantage Mega-Pure AF Series of filter cartridges meets or exceeds the requirements for the filtration of UHP liquids used in the fabrication of state-of-the-art microelectronic devices.

The Mega-Pure Advantage AF Membrane Series is available in 0.05µm, 0.1µm, 0.2µm, 0.45µm and 1µm pore sizes.

Applications

UHP Water

- Ozonated
- Cold
- Hot

UHP Chemicals

- Acids
- Solvents
- Photoresists
- Alkalines
- Developers

Mixed Acids

- Strippers

Equipment

- Point-of-Use Tools
- Chemical Delivery System
- Cleaning
- Etching
- Photolithography
- Wet Benches



Features and Benefits

Superior Teflon Membrane Yields Maximum Filtration Results

- Unique PTFE membrane ensures high flow rates and superior retention.
- Rinsed to 18 megohm-cm resistivity with pulsed, ozonated, UHP water.
- Available pretwetted for immediate use in process.
- Advantage AF cartridges are non-fiber releasing and superior in extractable levels.
- Engineered for high temperature resistance.

Parker's TQM System Assures Consistent Performance and Reliable Filtration

- Strict quality control measures include rigorous testing for rinse up, shedding, flow rate and extractable levels.
- Integrity-tested and testable *in situ*.
- Thermally welded, eliminating adhesive extractables.
- Biosafe in accordance with USP Class VI-121° Plastics Tests.
- Specifically designed to ensure cleanliness.
- All materials of construction are FDA listed as acceptable for potable and edible liquid contact according to CFR Title 21.

Process Filtration Division