

FACT SHEET

aspire® ePTFE Membranes and Laminates for Gas and Liquid Microfiltration

The **aspire** ePTFE membranes and laminates for gas and liquid microfiltration are designed for high purity applications.

Meeting increasingly higher performance demands in microfiltration applications whether liquid, chemical, or aerosol, require continuous quality and innovation. The combination of consistent airflow, excellent retention and chemical resistance properties are the cornerstone of aspire ePTFE (polytetrafluorethylene) membranes and laminates.

The **aspire** microfiltration solutions are tested and validated to meet separation requirements for liquid/solid, liquid/liquid, or liquid/gas filters in various chemical and bio-technological processes.

Advantages of aspire

- Innovative membranes with specialty treatments to meet application requirements with aggressive solvents and chemicals
- Improved reliability and opportunity for longer product service life
- Enhanced laminate options for easier handling and manufacturability
- Higher airflow through tighter pore size distribution for more effective filtration to improve your process time and costs

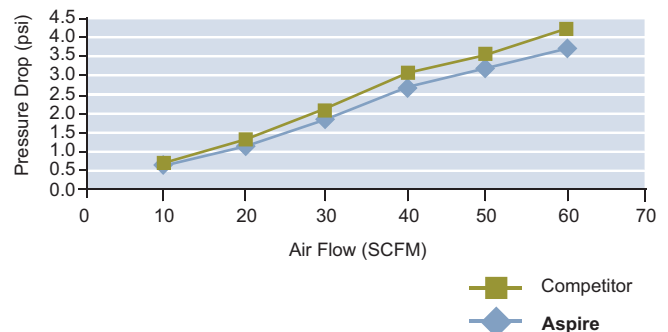
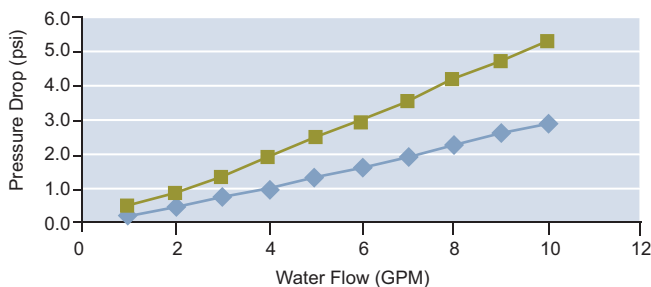
Membrane Applications

- Chemical and pharmaceutical
- Sterile filtration
- Laboratory and bio-technology
- Disc filters, cartridges and capsules

Performance Data

The charts show that **aspire** ePTFE laminates, when integrated into a standard filter cartridge, provide lower initial differential pressures on both air and liquid service helping customers achieve better flows and longer life in service.

Pressure Drop vs. Water Flow in Cartridge Form (10 inch cartridge, 0.2 micron membrane)



We understand your focus is to deliver for your customers.

Our product portfolio includes a broad range of ePTFE membranes and laminates, designed with your application in mind, that can help you simplify your supply chain. You can draw on our technical expertise in specialty-coated membranes to support your microfiltration performance goals.

With decades of experience and a history of quality and innovation, we are uniquely positioned to partner with you and help you meet your challenges, so you can stay ahead of the game.