

AFT® ePTFE MEMBRANE FILTER BAGS

Performance Filter Bags.

Micronics' filter bags can help demanding industries – like yours – maintain regulatory compliance, reduce operating costs, and eliminate unplanned outages. Micronics can supply a wide range of filter media and finishes for all OEM baghouse styles and types including pulse-jet, reverse-air, and shaker. Our unique combination of fiber construction and finishes has proven to deliver first-in-class durability, cleanability, and emissions compliance.

We manufacture AFT® ePTFE membrane filter bags for all types of baghouses where a membrane laminate is a suitable choice. Our state-of-the-art manufacturing equipment, fabrication techniques, and many years of experience in the manufacture and application of ePTFE membrane filter bags assures clients the highest possible quality, performance, and long filter bag life.

Our engineers review every individual customer order to ensure proper bag-to-cage fit, taking into consideration the specific process requirements and features of the filter media and baghouse equipment. Proper fabrication and fit are paramount in achieving the longest possible service life for the filter bags.

Benefits of our AFT® ePTFE membrane filter bags include:

- Lower differential pressure (dP)
- Higher throughput
- Most efficient in capturing submicron particulates
- Less bag cleaning to reduce compressed air usage
- Longer filter bag life



Fiberglass filter media – best performance for applications up to 500°F (260°C) with excellent moisture and chemical resistance

AFT® ePTFE membrane

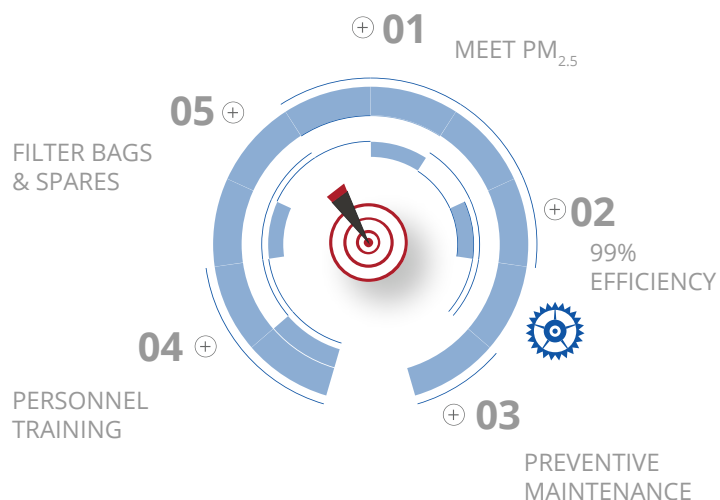
The membrane lamination serves as a primary filter surface allowing air to pass through while the fine particulate is collected. The membrane allows for excellent release and low particle retention, keeping the filter bags clean for longer filter bag life. Our AFT® ePTFE membrane filter bags are a key part of a comprehensive strategy to achieve environmental compliance.



Helping You Meet Environmental Regulations.

Our engineers have extensive field experience in all industries and applications worldwide including cement, minerals, utilities, metals, chemicals, and carbon black. Our team works with customers to develop a total strategy to ensure compliance with environmental requirements such as:

- **NESHAP** (National Emission Standards for Hazardous Air Pollutants)
- **MATS** (Mercury and Air Toxics Standards)
- **MACT** (Maximum Achievable Control Technology Compliance)
- **CISWI** (Commercial/Industrial Solid Waste Incinerators)
- **IPPC** (Integrated Pollution Prevention and Control) European Union.



Meeting PM_{2.5}

AFT® ePTFE membrane filter bags meet and exceed PM_{2.5} environmental regulations. Our AFT® membrane has gone through extensive testing and it is the best available filter media technology for filterable dust particulate efficiency for baghouse systems.



Comprehensive Baghouse Filtration Solutions Strategy

Today, plants are increasing capacity and forced to reduce particulate emissions and chemistry. This leads to an increased focus on investments in new and optimized technology.

In order for our global customers to overcome these challenges, the Micronics Engineered Filtration Group works closely with you to develop a total engineered filtration solutions strategy including a preventive program, training of baghouse personnel, and the supply of high-quality filter bags and spare parts.

The implementation of optimized technology such as ePTFE membrane filter bags is not only beneficial for environmental compliance but also improves the overall baghouse operation, delivering higher throughput and energy savings.

Contact us to learn more about our range of Baghouse Solutions including our AFT® ePTFE membrane filter bags. We deliver options to meet your precise baghouse needs.

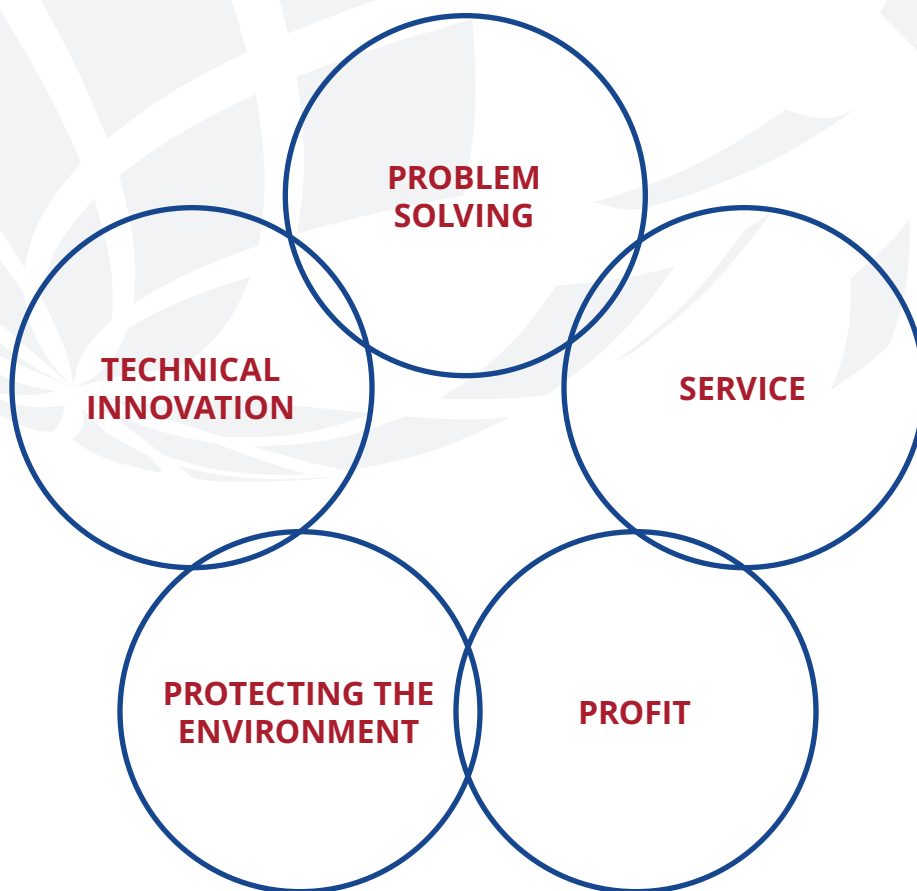
The **Micronics Engineered Filtration Group** offers the industry's best filter bags manufactured in multiple high-quality manufacturing facilities to serve demanding industries like yours. We pair our deep Filter Media expertise – High temperature and Low temperature - with exceptional Baghouse Maintenance & Repair Services to help you maintain regulatory compliance, reduce operating costs, and eliminate unplanned baghouse outages.

Micronics' industry-leading baghouse maintenance, mechanical and welding crews are standing by to mobilize at a moment's notice to meet your needs. Our trained technical specialists will make sure your facility is ready for your next environmental compliance test.

We are the **Micronics Engineered Filtration Group**. You can count on us and our trusted industrial filtration brands - AFT, SOLAFT, CPE, UPC, NFM, Filterfab, and SFM - to be a single source for all your baghouse/dust control filter media, parts and accessories, field services, in-house laboratory testing and analysis, training seminars, and equipment needs.

MICRONICS

ENGINEERED FILTRATION GROUP



MICRONICS

SFM



AFT

SOLAFT



NFM

Filterfab