

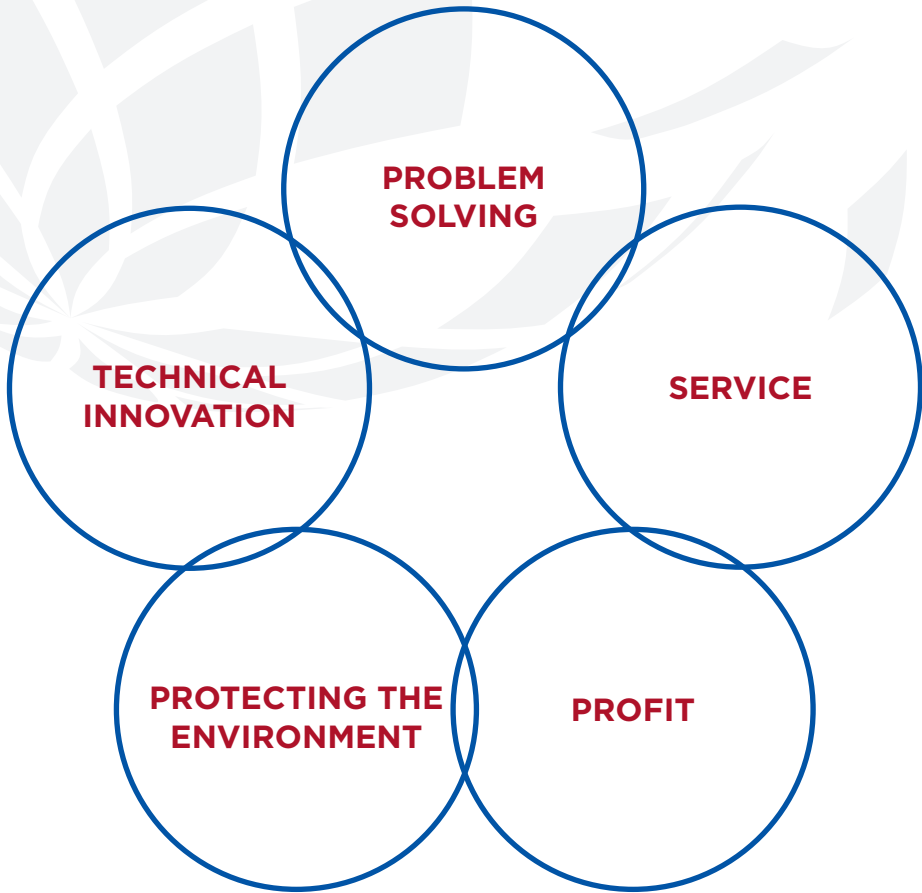
Whether with Filter Press Solutions or Pressure Leaf Filtration Solutions, the Micronics Engineered Filtration Group and its leading brands - Micronics, NFM, and Filterfab - have the industry-leading liquid-solid separation solutions need for your winemaking operations. With global manufacturing facilities, we are your Total Engineered Filtration Solutions. We have a long-standing history of providing innovative food and beverage filtration solutions for winemaking, beer brewing, distilled malt liquors, sugar beet refining, corn syrup, edible oils, starch, yeast, and more.

With the Micronics Engineered Filtration Group, you get the industry's best filter media, equipment, field services, and spare parts, all from one company. Our mission is to consistently deliver filtration expertise & innovative problem-solving that will help you optimize your winemaking operations and drive your brands forward.

For a complete list of our manufacturing facilities, please visit our website at www.micronicsinc.com



PARTNERS IN:



**ENGINEERED FILTRATION SOLUTIONS
FOR THE WINEMAKING INDUSTRY**

THE MICRONICS DIFFERENCE

The Micronics Engineered Filtration Group and its trusted brands — Micronics, NFM, and Filterfab - have a long legacy of providing Total Engineered Filtration Solutions to the Food & Beverage industries including winemaking, beer brewing, distilling, pressed fruit juices, edible oils, beet sugar refining, and more. We have the technology and proven liquid-solid separation expertise needed for your operations.

Micronics' capabilities include:

- Multiple manufacturing plants in North America for fast, efficient, high-quality service
- Range of Pressure Filtration Solutions – including both pressure leafs and filter presses – for use in wine crush and polish, particularly in larger wineries
- Understanding of the unique filtration challenges of winemaking and ability to develop and optimize filter media solutions tailored to the industry
- Experienced in lees filtration
- Experienced in wastewater treatment solutions
- Onsite consultation, field service, and training to optimize the performance of your FDA-compliant systems

Our team of filtration experts stands ready to help you improve your winery's filtration operations.

FILTRATION SOLUTIONS

- **Filter Press Solutions** including filter press cloth, press replacement parts, maintenance & field service, filter plates, and new press equipment
- **Pressure Leaf Filters** including media, parts, equipment, and pressure leaf cleaning services
- **Filter Leafs**
- **Rotary Drum Vacuum Filters** including media, parts, service and new equipment
- **In-house Laboratory Services**
- **Piot Testing Units**

You can trust our engineered filtration specialists to provide you with the best filter press cloth to meet your winery's objectives, whether regarding clarity, taste, or yield.

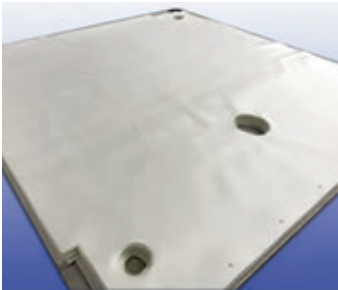
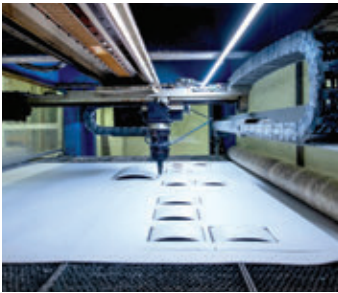
FILTER PRESS CLOTH

Wine is best enjoyed when free of extraneous particles floating around the bottle or glass of wine. A properly designed and manufactured filter press cloth is an essential ingredient for ensuring the clarity and purity of a winery's products. Micronics filter press cloth is manufactured in state-of-the-art manufacturing operations in North America using cutting-edge laser-cutting, edge sealing, automated sewing and more, depending on your needs. We are pioneering innovators in welded "HPR" feed necks which provide improved filter cloth performance, improved abrasion resistance, no product losses, and improved cake release.

Micronics offers a range of expert filter press cloth solutions for winemaking. Our technical filtration experts will help you select the best filter press cloth for your winemaking operations, whether polypropylene or polyester.

Our cloths that are woven with monofilament yarns such as **Micronics Style 107** or **Micronics Style 8963** are easier to clean than traditional multifilament cloths and may be beneficial in mitigating potential sources of microbial contamination.

Polyester offers high performance against most organic acids, has high tensile strength, good filter cake release, and a long lifespan. Use of a style such as **Micronics Style 778** allows the vintner the opportunity to chlorine-wash his cloths. Polypropylene filter cloth will not hold up in chlorine wash.



Micronics offers a diverse range of Pressure Filtration Solutions for the Winemaking industry, including both filter press solutions and pressure leaf filter solutions.



FILTER PRESS SOLUTIONS

A filter press is a tool for liquid-solid separation and Micronics is an expert in filter presses and filter press technology, tailored to your oenological requirements.

Micronics has a broad range of experience with both filter press cloth and filter presses for winemaking operations such as less filtration and we can adapt solutions to your volumes, needs for hygiene control, clarity, color, etc.

We have a variety of filter presses in-stock and ready to ship from our Advanced Technology Center in Chattanooga, TN, USA including 470mm, 630mm, and 800mm sidebar press models, including some expandable models. We can customize features to match your winery's needs including easy-to-use plate shifters, safety features, easy to change filter cloths, and more.

PRESSURE LEAF FILTER SOLUTIONS

The Micronics Engineered Filtration Group - and trusted NFM brand - provides the winemaking industry with a full range of pressure leaf filter products & services including:

- New filter leaves manufactured in our facility in Salt Lake City and suitable for all OEM units
- Rescreened and Rebuilt Filter Leafs
- Leaf Cleaning Services
- Leaf Covers
- Replacement Parts
- On-site Inspection & Operational Training

Leaf filters consist of pressure vessels containing filter leaves, supported on a manifold. They operate on a batch basis where the filter cake is discharged and the leaves are cleaned while the filter is off-line. The filters can operate with either dry or wet cake discharge, depending on how the cake will be used or disposed.

PRESSURE LEAF REPAIR AND CLEANING SERVICES

Micronics has developed a proprietary combination of mechanical and chemical processes that restores high-performance flow characteristics to blinded leaves. Our unique process allows customers to improve flow characteristics in leaves that are structurally in good shape but have begun to blind off and cause reduced production.

Micronics' cleaning solution is food-grade acceptable, so there is no worry about the cleaning of pressure leafs that are commonly used in the wine industry.



BEFORE CLEANING



AFTER LEAF CLEANING