

...It starts with
high quality
grapes on the vine...

... Bordeaux, Napa,
Tuscany, Sonoma.



... Everywhere grapes are cultivated, generations of winemakers have headed into the vineyard. Hand-picked, hand-sorted grapes have been painstakingly prepared. Wild yeasts, found in the vineyard or the winery, begin the process.



Once fermentation has finished, wines are moved to oak barrels to age and to develop complex flavors. Cool underground cellars are perfect for barrel halls. The process can take anywhere from six months to three years. Finally, the wine has reached the most important process before final bottling and distribution takes place: filtration.

...and it ends
with the highest
quality filtration
your wine deserves.



WINE FILTRATION GUIDE

Science and Service: The Strainrite Way

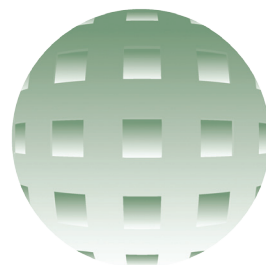
At Strainrite, we are dedicated to the best in Science and Service.

Strainrite offers vessels that are ISO9001:2008 certified and are hydrostatically tested in accordance with industry accepted standards. We also offer special quality assurance tests which include X-ray, Magnetic Particle, Liquid Penetrant, Ultra-sonic and Brinell hardness testing.

Our consultative selling approach focuses on custom solutions to filtration problems. We commit the time and resources to tailor our products to our clients' unique requirements.

By working with us, our clients realize:

- Innovative solutions
- Operational cost savings
- Improved process efficiency
- Enhanced finished product quality
- Reduced waste costs



At Strainrite, we believe in Science and Service.

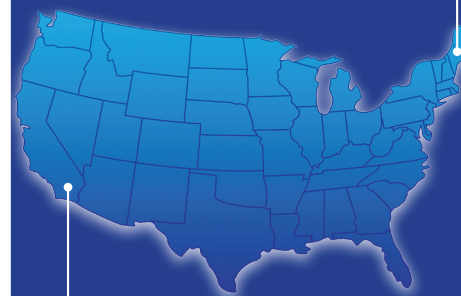
All Clarity™ and Madd MAXX™ cartridges are manufactured in our facility. Our Quality Management System is certified to be ISO 9001:2008 compliant. Our state-of-the-art equipment and highly skilled technicians are able to maintain the highest levels of product reliability and repeatability, from receipt of raw materials to shipment of finished filters.

A few controls that are in-place include:

- All cartridges are manufactured in a Class 10000 clean room
- Raw material performance verification
- Bubble point and air diffusion testing
- Bacteria challenge verifications of performance
- Extractable verification and determination
- Ultra-pure water rinsing with resistivity verification of effectiveness
- Finished validated products are integrity tested by air diffusion

Service Locations

Strainrite Corporate
Headquarters
65 First Flight Drive
Auburn, ME 04210
Tel: (207) 376-1600
Fax: (207) 777-3177



Strainrite West
12410 Clark Avenue
Santa Fe Springs,
CA 90670
Tel: (562) 941-1203
Fax: (562) 941-1202

The
STRAINRITE
Companies | World Class
Filtration

 **Clarity**

MADD MAXX

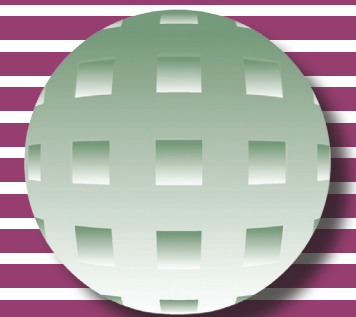
FILTER BAGS

Vessels & Housing



THE
STRAINRITE
COMPANIES

Designing and Manufacturing
Leading-edge Filtration
Products Since 1978.



Offering you the finest in wine filtration products with the best filters at every step

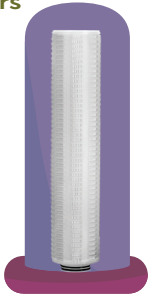
MAXX-Trap Large Diameter Clarifying Filter

The **MAXX-Trap** offers high dirt holding capabilities and hygienic superiority over typical outside-in fluid filtration filters. The **MAXX-Trap** is engineered for critical high purity applications, optimizing throughput while maintaining an absolute rated performance that is consistent and reliable. It features a media structure with high surface area and increased void volume, as well as optimized pore size geometry.



Poly-MAXX G Polypropylene Pleated Depth Filters

The **Poly-Maxx G** nominally rated filter cartridge is designed to reduce overall filtration costs when compared to spunbonded, stringwound and nominally-rated pleated cartridges. The **Poly-Maxx G** is designed and manufactured on state-of-the-art meltblowing equipment under Strainrite's strict specifications for high solids loading requirements in a variety of prefiltration applications. All of these depth cartridges are manufactured using 100% virgin Polypropylene materials that comply with FDA Title 21 of The Code of Federal Regulations for food and beverage contact.



Guard-Rite Pleated Microglass over Polyethersulfone

Created for Beverage Pre-final filtration. The **Guard Rite** is the pre final filter, to cost effectively reduce Bio-burden before final filtration and packaging. With a depth layer and synchronized final filtration layer optimized to extend final filter life with a stainless steel insert for steam or hot water sanitization. **Guard Rite** is engineered to provide cost effective removal of Particles and reduction of Beverage spoiling Microorganisms. The superior flowing membrane ensures that flavor and color stay in your beverage. Every **Guard Rite** comes with a certificate of conformance and is manufactured to meet the highest cleanliness standards.



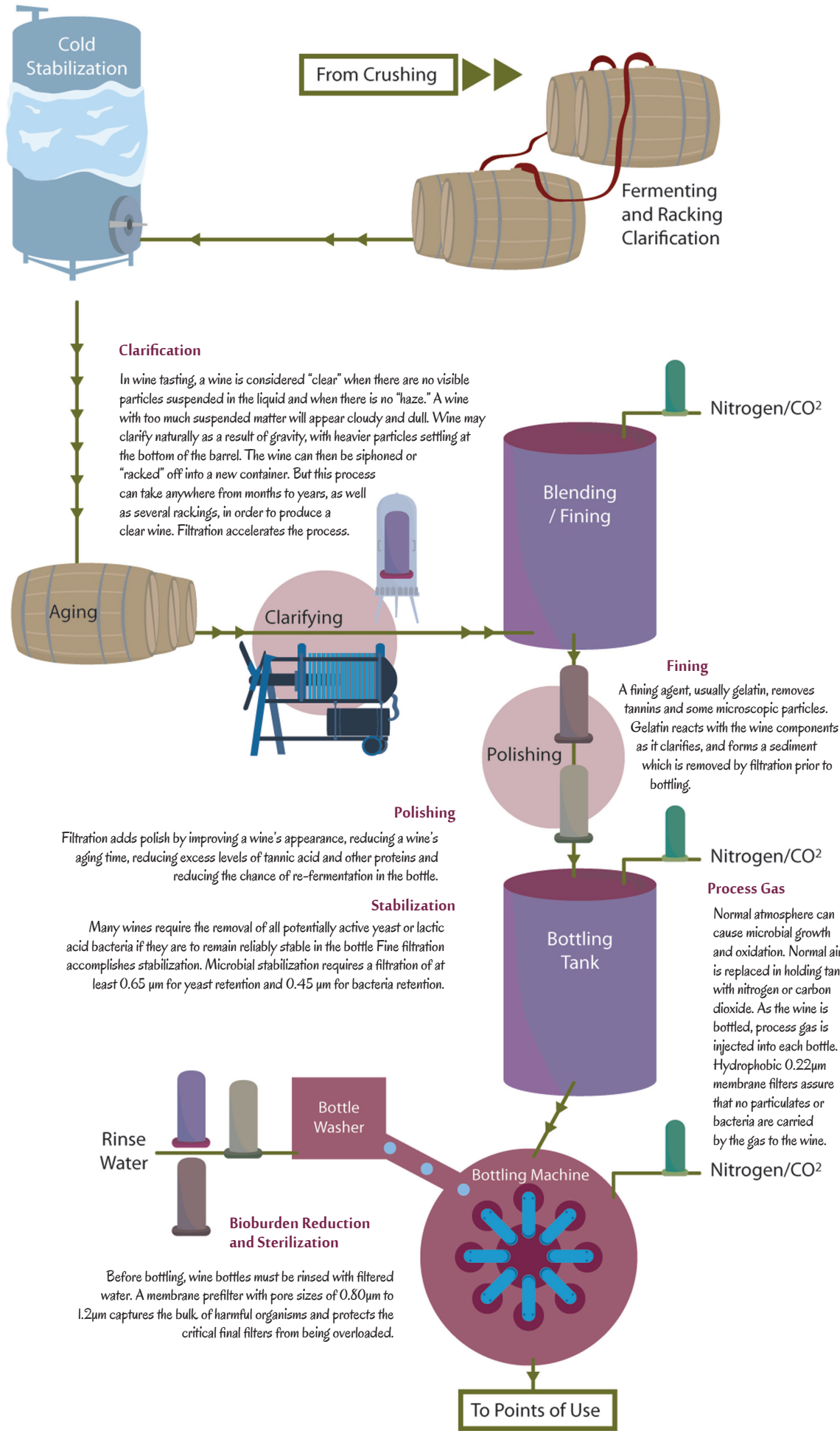
Vino-MAXX E Final Sterile Filter Cartridges

The **Vino-Maxx E** pleated membrane filters are specifically engineered to provide an absolute barrier to wine spoiling micro-organisms. The **Vino-Maxx E** incorporates a highly asymmetric polyethersulfone membrane within our exclusive pleat support configuration creating one of the industry's most rugged yeast removal filters. This exceptionally robust filter design means filter performance will remain effective after multiple steam sterilization cycles. Every **Vino-Maxx E** filter is integrity tested and flushed with high purity water to assure product performance and purity. Integrity test parameters have been correlated to microbiological retention for both of our 0.45µm and 0.65µm membrane filters.

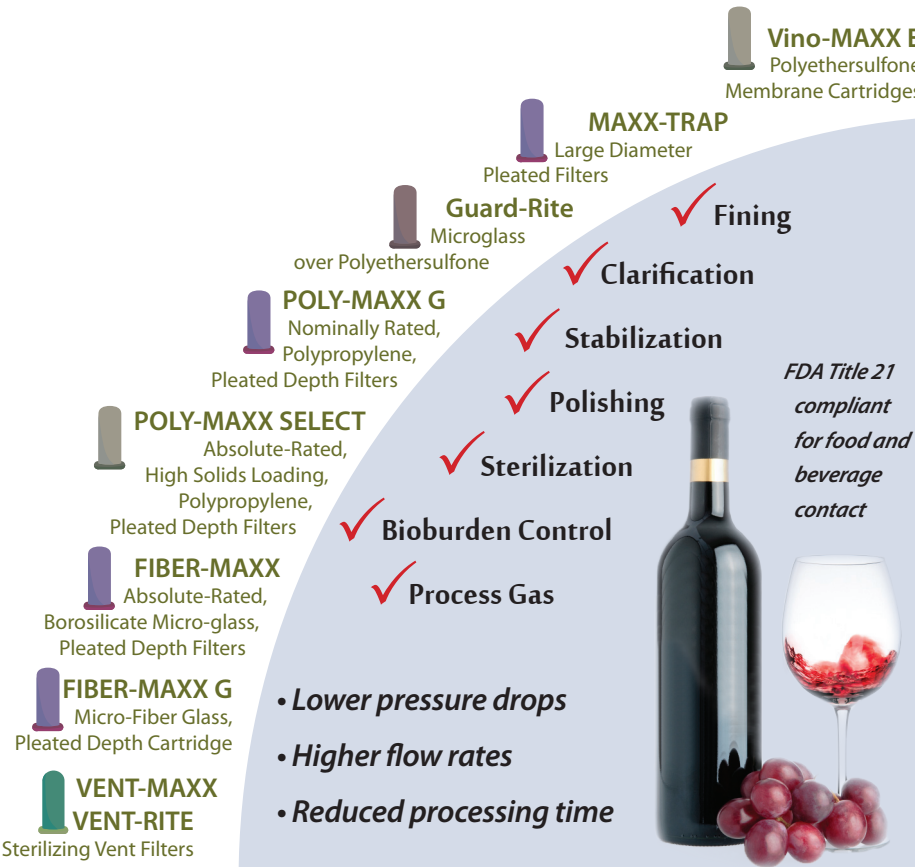


Vent-MAXX Sterilizing Vent Filters

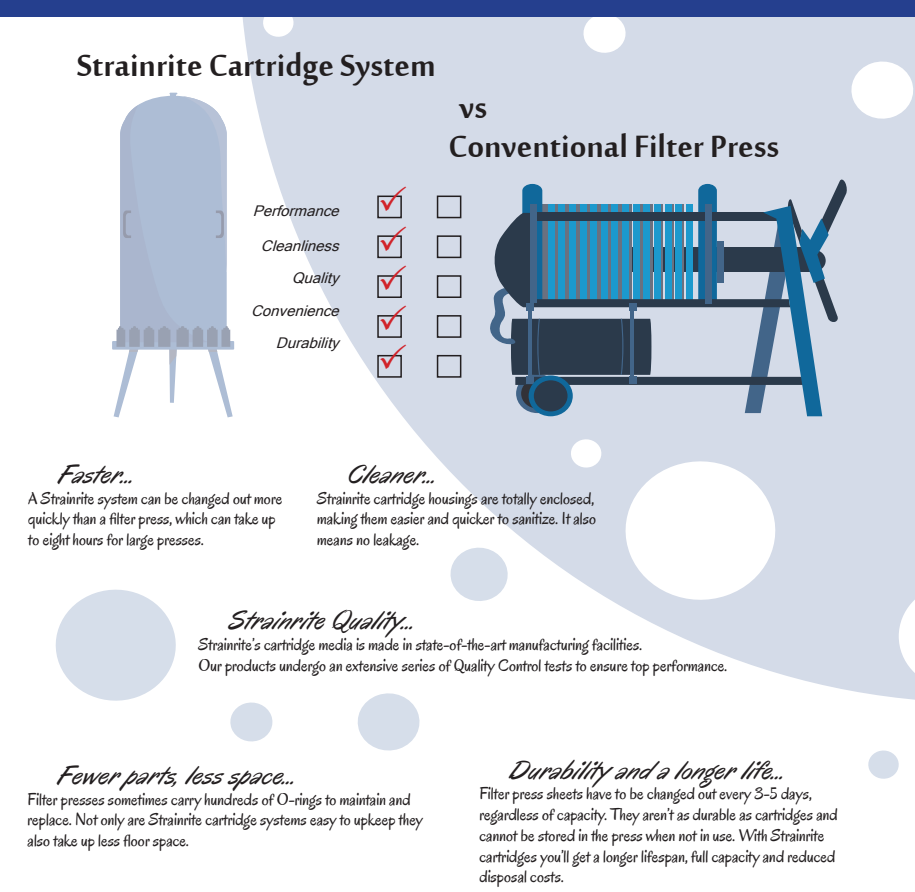
The **Vent-Maxx** gas sterilizing filters set a new standard for PTFE membrane elements. These filters utilize a technologically advanced membrane in our unique pleat construction to deliver unrivalled efficiency, superior strength, and high flow rates. **Vent-Maxx** double layer PTFE membrane filters are designed to remove microorganisms, particulate, and moisture in your most demanding air and gas applications. These liquid validated, sterilizing grade filters are designed to meet the highest levels of security required in the pharmaceutical, food and beverage, and biopharmaceutical industries. **Vent-Maxx** filters conform to USP Class VI – 121°C and 21 CFR Part 177. Strainrite delivers clear solutions to your air and gas filtration applications.



best filters at every step



Why choose a Strainrite cartridge vessel over a filter press?



To learn more about Strainrite Cartridge Vessels, contact us today