



Gusmer Enterprises, Inc.®



Cartridge Filtration for Mobile Bottlers

Gusmer Enterprises is proud to work with our industry's mobile bottlers to provide the best solutions for their unique business needs.

Mobile bottlers face special problems with regards to final bottling filtration. Quality must be guaranteed on the first pass. Bottling downtime costs time and labor, and can delay subsequent jobs. Cleaning and sanitization water can be in short supply. There is often little or no control over feed quality or beer clarity. Beer may have sat, losing filterability, long after their clarification. A mobile bottler must quickly process their customer's product timely and efficiently without worrying about filter plugging, failed integrity tests, or ruined product. High quality cartridge filters are critical to ensuring these needs are met.

EMD Millipore's Vitipore II Plus and Bevigard M cartridge filters offer the ideal solution for mobile bottlers.

- The Vitipore II features the most membrane area per filter to increase throughput and reduce the likelihood of premature membrane fouling.
- The dual-layered 1.2 μm over 0.5 μm Bevigard M offers the best prefiltration for the final membrane.
- The Vitipore II Plus has a mixed cellulose esters prefilter layer upstream to the final PVDF membrane, adding an additional layer of protection and increasing filter throughput.
- Patented dual-viscosity end-caps and additional membrane pleats, coupled with robust manufacturing and high quality polypropylene components, means the Vitipore II Plus has greater than 50% additional stress tolerance as compared to other cartridges.

- The symmetric PVDF membrane of the Vitipore II is structurally stronger than asymmetric alternatives and offers the most consistent integrity testing via either bubble point or pressure hold, reducing the chances of false failures.
- Each membrane is integrity tested through a proprietary gas procedure twice during manufacturing, ensuring that each filter is integral before leaving the factory.
- The Vitipore II is the only beer membrane filter offered in 0.45µm, 0.65µm and 1.0 µm pore sizes for those beers that require 0.45µm sterility or for those brewers looking to remove only yeast at 0.65µm or only Brettanomyces at 1.0 µm.

Through our partnership with EMD Millipore, Gusmer Enterprises also has a wide variety of clarification and water filtration cartridges, air and gas filtration cartridges, filter housings, and microbial and process monitoring tools. Please contact your local Gusmer Enterprises representative to discuss optimizing your process.



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81 M Street
Fresno, CA 93721
Tel: 559-485-2692
Fax: 559-485-4254

640-D Airpark Rd.
Napa, CA 94558
Tel: 707-224-7903
Fax: 707-255-2019

1165 Globe Ave.
Mountainside, NJ 07092
Tel: 908-301-1811
Fax: 908-301-1812

1401 Ware St.
Waupaca, WI 54981
Tel: 715-258-5525
Fax: 715-258-8488

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