




Filtration Systems
Food & Beverage

Purification Control Technology

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The image features a central white rectangular area containing text, set against a background of several white, cylindrical microfiltration membranes. The membranes are arranged diagonally, with some in the foreground and others receding into the background. The background is a deep red color, and in the upper right corner, there is a cluster of colorful fruits, including red and green grapes and a slice of orange. The overall composition is clean and professional, emphasizing the industrial nature of the products while connecting them to the food and beverage industry.

BEA Technologies offers solutions for the microfiltration of compressed liquids and gases dedicated to the specific needs of the **FOOD & BEVERAGE** industries: **Soft Drinks, Wine & Spirits, Beer, Food.**

Competence in typical applications of this sector such as pre-filtration, microbiological stabilization, polishing and blanketing of tanks has allowed to develop products that meet the daily needs of the beverage industry.

Reliable, efficient, "tailor-made". BEA Technologies filtration solutions for FOOD & BEVERAGE sector

Each product is created from a constant technological research, from the careful selection of materials, from a rigorous production process verified and standardized with specific tests.

All filter elements have been tested and approved by independent laboratories and are suitable for food contact, in accordance with applicable European and U.S. regulations.

BEA Technologies offers:



Products dedicated and customized on applications needs.



Quality guaranteed by the internal production process.



Product traceability.



Compliance with "Food Contact" regulations.



Filters suitable for "Culinary Steam", Halal and ACS certified products.



Guarantee on performances.



***Quality makes the
difference in critical
moments***

To have a manufacturer, with a high level of technical expertise, and a functional organization, can make the difference in critical moments. It means to rely on certified products, controlled and in compliance with the regulations and on assistance of a reliable partner.

Fast, effective, competent. BEA Technologies assistance for FOOD & BEVERAGE industries

The service capability can make the difference. That's why BEA Technologies offers a team of qualified people, able to support companies both in the pre-sales and in after-sales assistance.

Services available to the customer:



Feasibility study and sizing of the plant by analyzing the parameters of: Filtration Index, Trans Membrane Flow, turbidity check (NTU), particle count



In situ integrity test



Cleaning and regeneration service of the filter elements



Pilot plants for tests directly on production lines



Process control and consultancy for the optimization of the production line



Staff training



International technical assistance



Reliable delivery times



Customer service available for every need

Design and supply in "Private Label"

BEA Technologies makes dedicated lines in Private Label available to machine builders and service providers. The Commercial Service and the Technical Office are available to identify the solutions in line with the customer's needs.



***Looking for the right solution.
Dedicated filtration solutions for
specific applications.***

Legislative regulations, operative problems, process complexity: each application has its own requirements which must be carefully considered in the selection of the most correct filtration system.

For each application of the **FOOD & BEVERAGE** industry, BEA Technologies suggests a range of dedicated products.

SOFT DRINKS

Water for flushing bottles
Clarification of liquid sugar
Filtration of soft drinks and juices
Dissolution of Carbon dioxide in soft drinks
Tank blanketing

WINE & SPIRITS

Filtration in winery
Separation of tartrated crystal
Cold microbiological stabilization
Integrity testing of membrane filters

BEER

Trap filter
Beer clarification
Steam filtration
Purification of Technical gases

FOOD

Purification of Nitrogen and Technical gases
Steam treatments
Clarification of mother solutions for cheese production
Filtration of make-up water and flushing water



BEA Technologies designs and supplies fully automated filtration systems for the filtration of water, wine, beverages.

Purification Control Technology

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