




Filtration Systems
Air & Gas Treatment

Purification Control Technology



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BEA Technologies offers solutions for the treatment of compressed air and gases.

The products are built on their Italian site and designed for the typical applications of the **Automotive, Railway, Mechanical, Textile, Food, Chemical and Pharmaceutical** sectors, where it is necessary to use clean quality air free of contaminants, as required by ISO 8573 standards -1.

The skills in the filtration sector, acquired by BEA Technologies for over 60 years of activity, have made it possible to create reference products for industries oriented to the quality of their processes.

BEA Technologies has internal laboratory services and highly professional technical assistance.

Reliable, efficient, customized. *Bea Technologies filtration solutions for* **TREATMENT of COMPRESSED AIR&GAS**

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

Bea Technologies offers:

Customization of filtering solutions studied with customers.



Experience and continuous research of products with increasingly higher performances.



Performance in line with industry standards: ISO 8573-1 and ISO 12500.

Quality guaranteed by the control of the production process, entirely Made in Italy, and by the selection of qualified suppliers.



The series of **AIR VIP ^{EVO}** filters used in the filtration, oil separation and purification of compressed air, represents at international level the benchmark for quality, safety and performance levels.

The new **BST** series filter elements that equip the **AIR VIP ^{EVO}**, are made with innovative materials designed to achieve the best performance verified in accordance with ISO 12500 standards.

The **AIR VIP ^{EVO}** series is designed to optimize both internal and external geometries with the following advantages:

- **Ergonomics:** easy assembly in series and quick replacement of the cartridge.
- **Construction:** according to the European PED Directive.
- **Energy costs savings:** internal geometric shapes designed and built to guarantee low head losses.
- **Cost savings on maintenance:** filter elements with pleated layering to guarantee thousands of hours of operation.

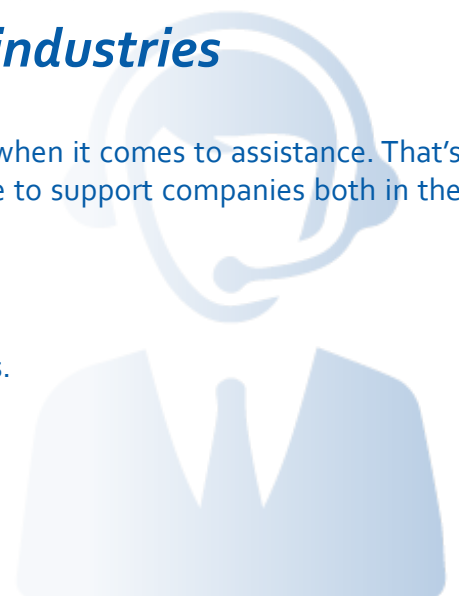


Fast, effective, competent. BEA Technologies assistance at the service of the industries

A Quick and targeted intervention makes the difference when it comes to assistance. That's why BEA Technologies offers a team of qualified people, able to support companies both in the selection phase and in the after-sales.

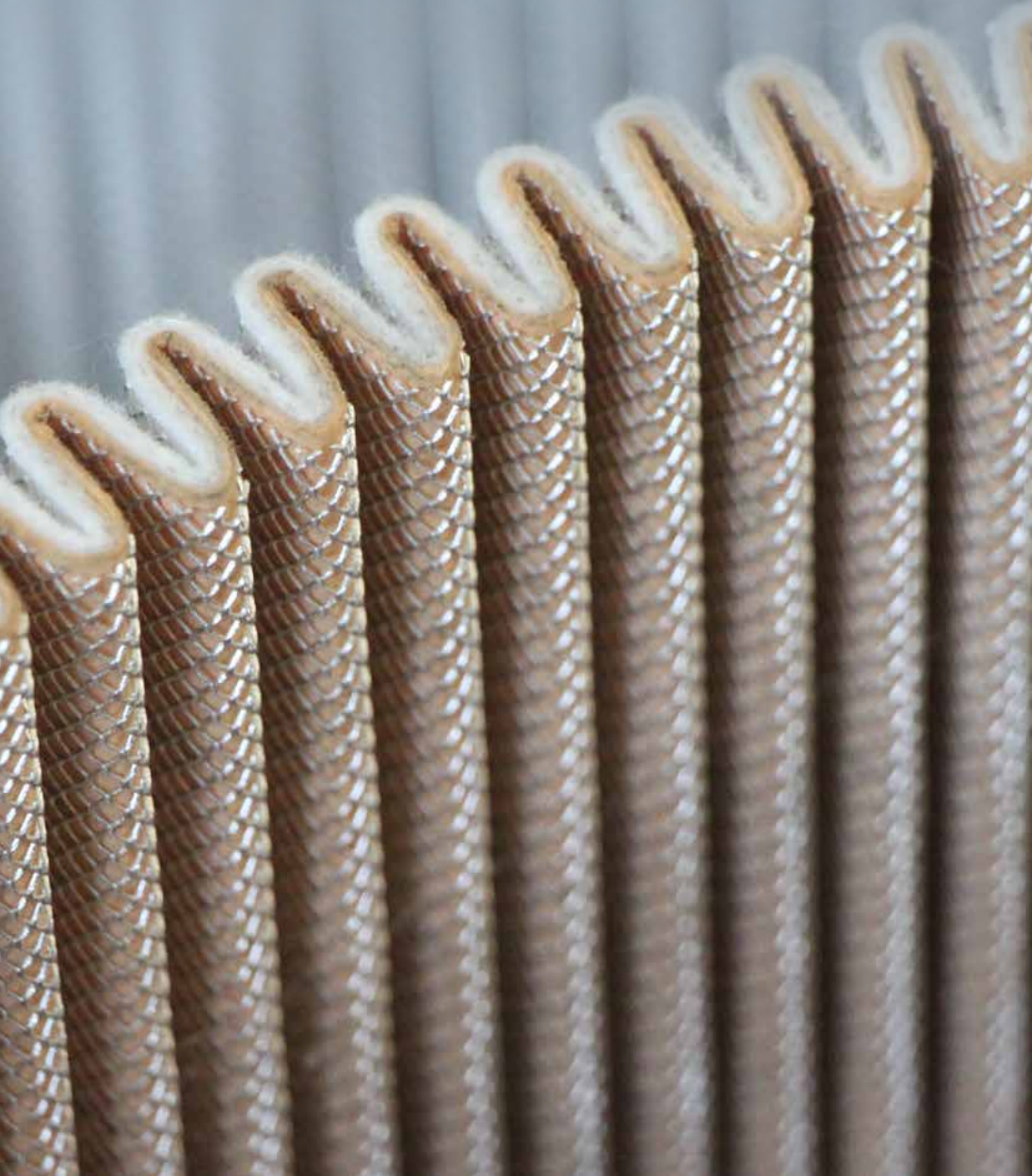
Services available to the customer:

- Easibility and design analysis according to current regulations.
- Internal laboratory and field tests.
- High flexibility and customization.
- International technical assistance.
- Customer service available for all commercial needs.



Design and supply in "Private Label"

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



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

Legislative constraints, typical problems, process complexity: each application has its own characteristics, which must be carefully considered in the selection phase of the most suitable filtration system.

For each industry and application of the AIR&GAS sector, Bea Technologies suggests one or more dedicated products.



TECHNICAL GAS PURIFICATION:

- Filtering systems for the separation of solid contaminants.
- Microfiltration.
- Oil vapor and odor removal.
- Sterilization of compressed air & gas for pharmaceutical and medical use.

CUSTOMIZED FILTER ELEMENTS FOR:

- Air compressors.
- Refrigeration compressors.
- Vacuum pumps.

AIR TREATMENT AND COMPRESSED GASES:

- High efficiency filtration for oil removal.
- Filtration of powders.
- Condensate drains.
- Sterilization.
- Removal of residual moisture by adsorption dryers.

NATURAL AND BIOGAS GAS TREATMENT:

- Engineered solutions made to customer specifications.



*PLEATED FILTER ELEMENT FOR
MICROFILTRATION APPLICATIONS*

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