



Breathe easy.

Superior air filtration for a safer work environment.



Pleatco®

FILTRATION

Leaders in science and innovation

INCORPORATING FORMER BRANDS





Welcome to Pleatco Filtration

For over 45 years, Pleatco has been a leading manufacturer of cartridge filters for the pool and spa industry. Pleatco is the flagship portfolio company of Align Capital Partners who in 2019 acquired APEL International Filtration, an industry leading designer and manufacturer of pleated filter cartridges, pleated bags, and other filtration products for mission-critical industrial air applications, and MPF Engineered Filters a key producer of industrial air filtration products located in Milton, Ontario Canada. It is with great excitement that we announce the latest acquisition and inclusion of TVS Filtration, headquartered in Bessemer, Alabama and the merging of these four great companies under the one banner - Pleatco Filtration.

Pleatco Filtration will optimize production and consolidate operations across all facilities with manufacturing in New York, Kentucky, Mexicali, Alabama and Ontario, a distribution center in Calexico and will be spearheaded and headquartered in Louisville. By consolidating our combined engineering and manufacturing resources and superb staff in all areas, we are able to leverage our operations to become a significant driving force in the filtration space leading through science and innovation. This allows us to provide greater flexibility, broader offerings, quicker delivery times and aggressive product pricing for all customers worldwide.

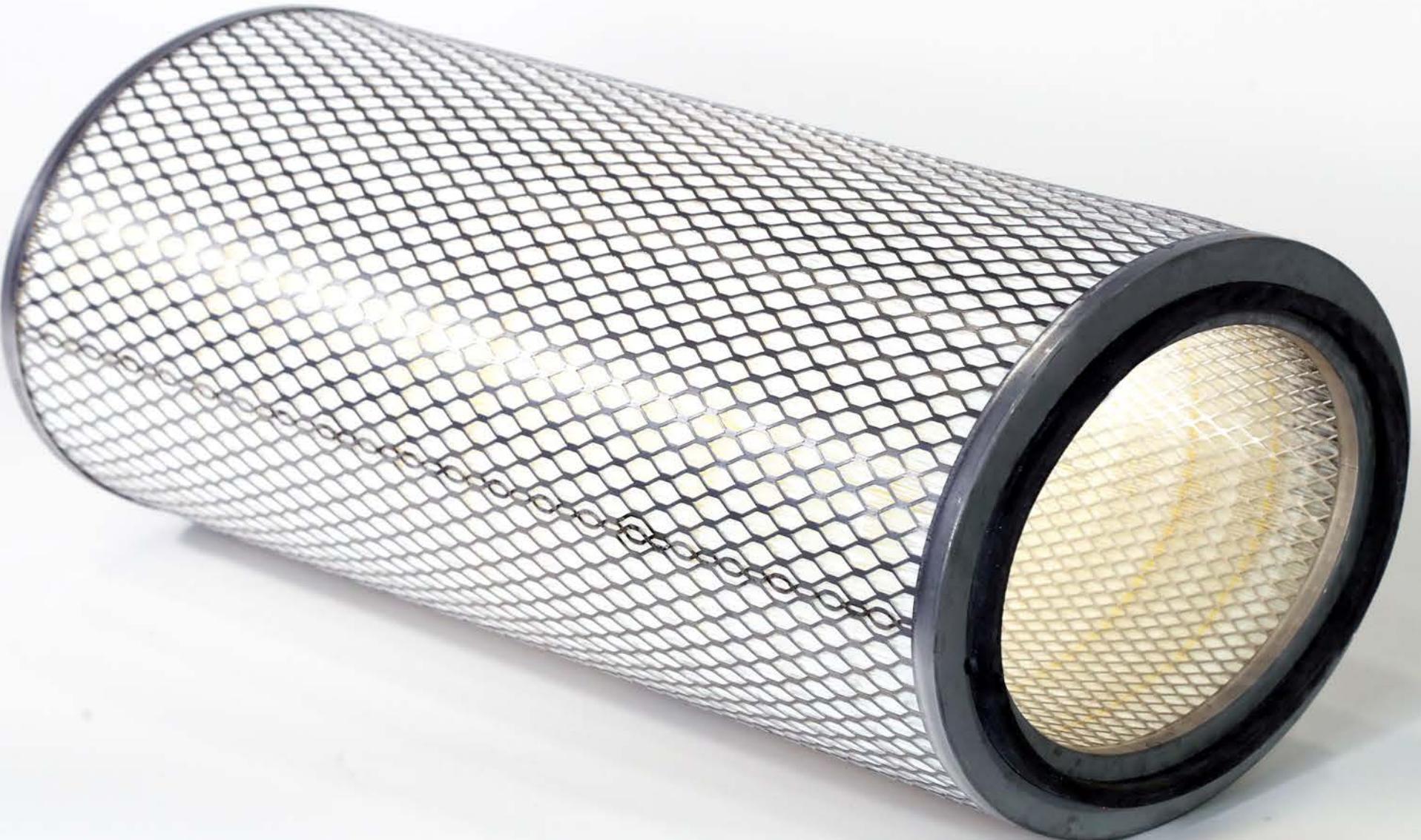
At Pleatco Filtration we live by the mantra of constant improvement. Our goal is to provide you, with an unsurpassed quality customer support experience whatever the need may be. If you are an existing partner or a new friend we wholeheartedly look forward to building for success.



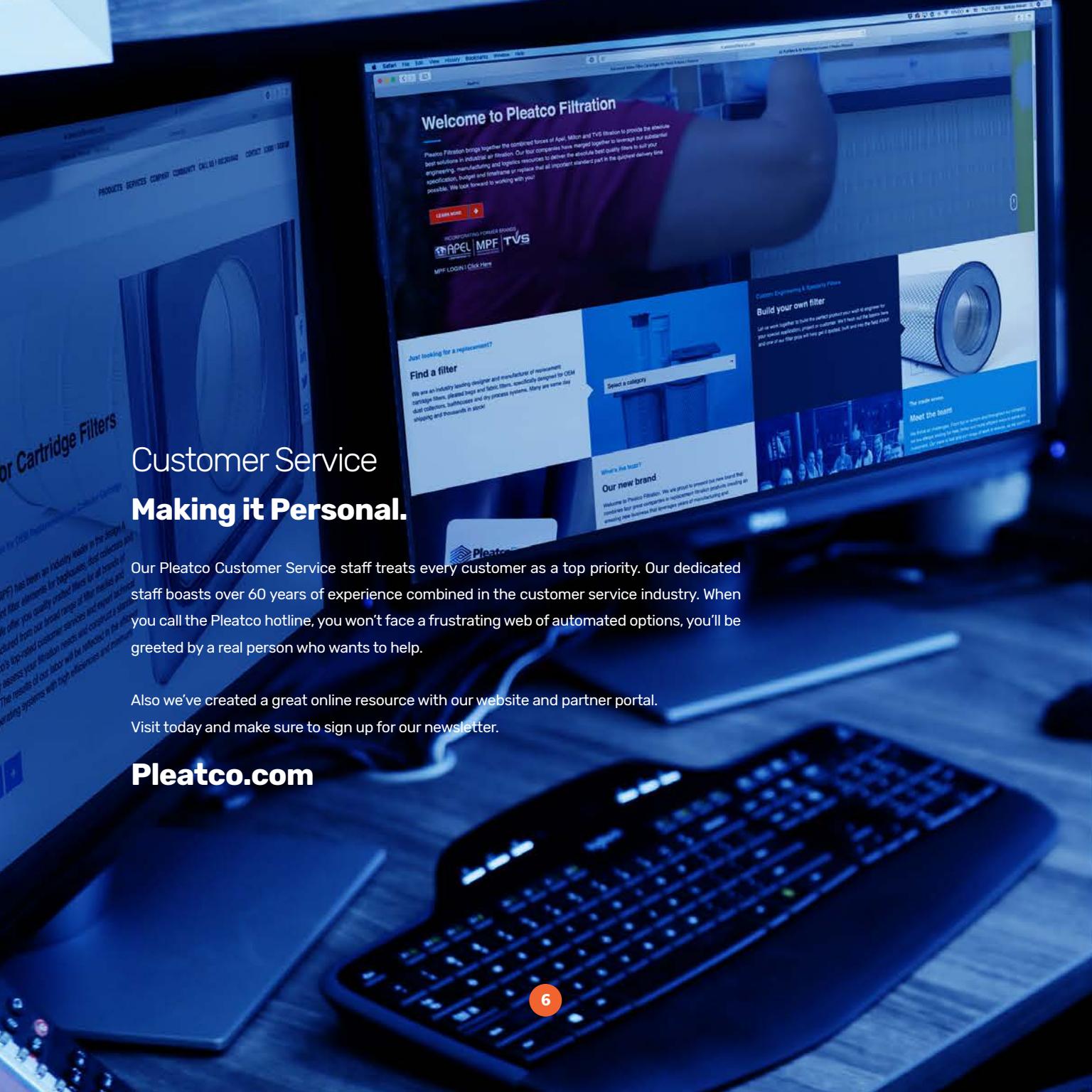


"It is the mission of Pleatco Filtration to be a best-in-class manufacturer and supplier of replacement and OEM filtration products. Our focus is on our customers, aiming to provide superior product quality, great service and industry leading engineering, which combines science and innovation.

Pleatco recognizes that achieving its mission is only possible by employing and developing high quality, motivated and engaged employees who work together as a team."



INCORPORATING FORMER BRANDS
APEL | **MPF** | **TVS**
international inc. ENGINEERED FILTERS





Research & Development

It all starts here.

The birth of a great filter cartridge starts with our Pleatco Applied engineering team who have advanced training and experience in specific disciplines (industrial, mechanical, electrical, micro-biological). Our team is primarily focused on developing the next generation of advanced products in partnership with the industry's leading OEM's.

Pleatco Applied is our specialized innovations division that combines our manufacturing, operations, sales and marketing teams to offer holistic end-to-end service. Seeking out new ideas on how to make the air we breathe better for all is a never ending journey for our team.

Design & Testing

The process starts with our engineering team utilizing their combined design expertise to develop and customize every aspect of the new product.

Engineering / 3D Modeling

This allows our team to test and validate a design for a specific application.

CFD - Computational flow dynamics

Sophisticated software emulates air flow and dirt capturing performance to optimize and refine the new design, while testing against competitive products.

Physical prototyping

An exact prototype is created in the same environment that the final product will be manufactured, allowing our experts to simulate all production conditions from start to finish including quality and cost analysis.

Network of industry field testers

Pleatco also uses its own extensive network of industry professionals around the country to test performance in 'real-life' environments. This provides third party validation of design, product usability and performance.



Raw Materials

Quality always comes first.

All of our filters are built to OEM specifications or better. We use the absolute highest quality raw materials in order to manufacture superior quality filter cartridges. We never cut corners just to save cost. Pleatco has formed enduring partnerships with large and small vendors from around the world to develop and engineer unique and exclusive components to use in our manufacturing processes. Pleatco's filtration fabrics have been individually developed, designed and optimized for specific conditions and applications. Our knowledge base provides almost limitless potential for developing custom filtration products to meet even the most extreme projects.

Manufacturing

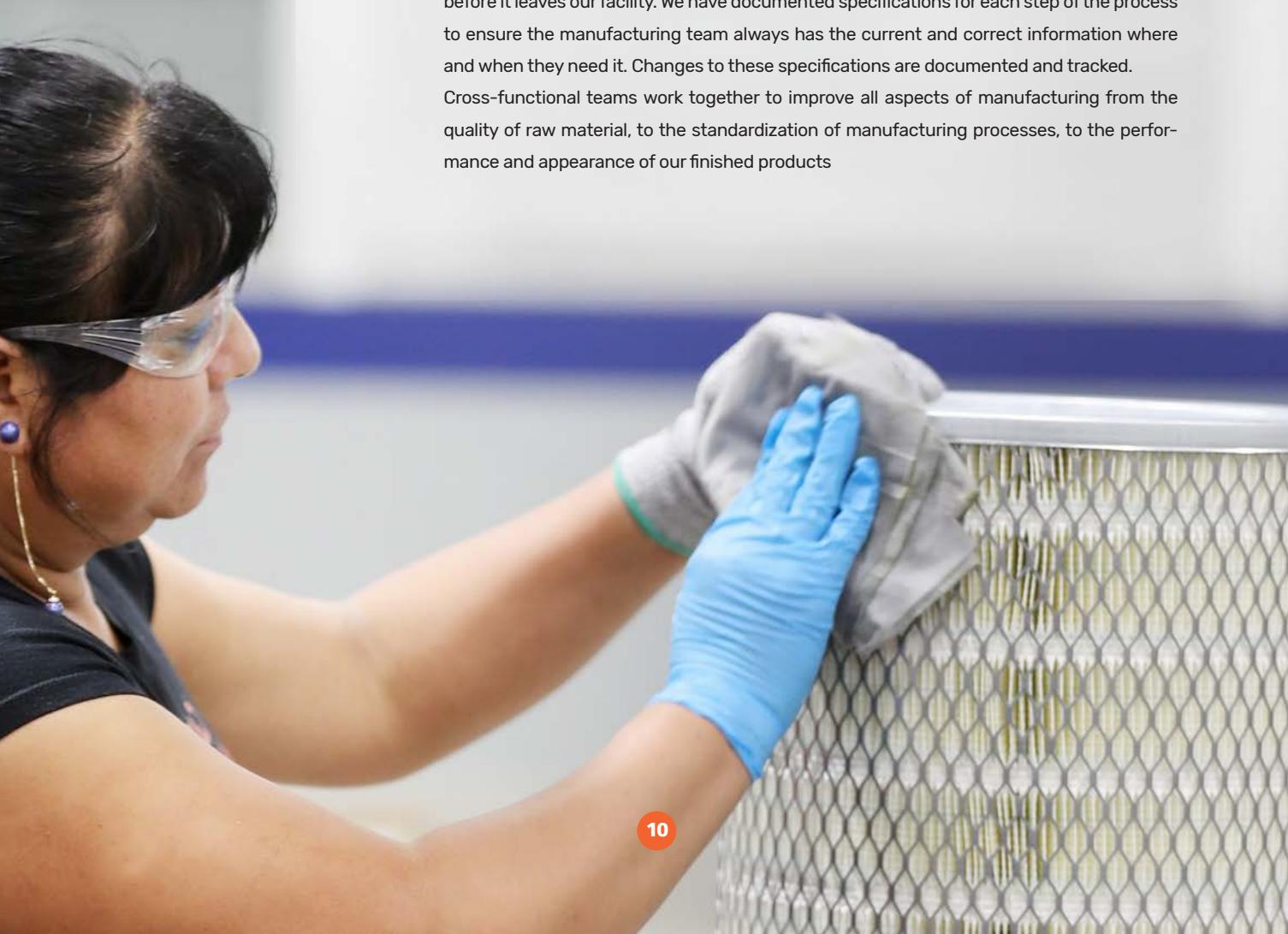
Precision & consistency.

We use the most technologically advanced pleating machines and plant equipment giving the company flexibility far beyond any of our competitors to use a wide range of materials to build innovative products. Pleatco has four manufacturing facilities to ensure optimal logistics to the USA East and West coasts as well as Canada and Europe. Each of our facilities employ consistent processes to replicate the same manufacturing operations through our internal ERP system to ensure every product is manufactured to Pleatco's highest standard each day.

Quality Control

Constant improvement.

At Pleatco, we make quality the big kahuna. Through a variety of raw material, in-process, and finished product testing, we verify that each cartridge meets our strict requirements before it leaves our facility. We have documented specifications for each step of the process to ensure the manufacturing team always has the current and correct information where and when they need it. Changes to these specifications are documented and tracked. Cross-functional teams work together to improve all aspects of manufacturing from the quality of raw material, to the standardization of manufacturing processes, to the performance and appearance of our finished products



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Distribution & Shipping

Timing is everything.

At Pleatco, our customers come first which means their orders are our top priority. We promise rapid turnaround from the time a new order is received to the time it ships from our facilities across the country. With the launch of a brand new state-of-the-art warehouse facility in Louisville, KY, we have expanded our production and warehousing network to multiple facilities across the country to make sure our orders are shipped quicker and delivered faster.

Checks and Balances

From a one box drop ship to a full truckload shipment, every order no matter the size goes through a multi-step quality checklist to ensure only the best filters make the cut leaving our warehouses. We also use a sophisticated order check system that allows our warehouse personnel to confirm every part in every box on every pallet of every shipment before it goes out the door. This makes receiving our orders a snap for our customers.





Our Products

Designed to Perform. Built to Last!

Your single source manufacturer for Pleated Bags and Cartridge Filters

Pleatco Filtration (combining APEL, MPF & TVS Filters) is an industry leader and the most versatile manufacturer of custom and standard replacement cartridge filters, pleated bags and fabric filters for dust collection, dry process filtration and pollution control systems. Large run specialty filters with custom tooling requirements are easily engineered in-house within our tool, die and custom mold division. All filters are manufactured by Pleatco Filtration at our state-of-the-art manufacturing facilities.

NEXT DAY SHIPPING FROM STOCK

For customer convenience, we stock thousands of popular OEM style filters at our manufacturing facility, which can ship in 24- 48 hours. You can also arrange for our highly trusted private labeling, drop-shipments, and blanket order programs.

CUSTOM SERVICE – THE INDUSTRY'S BEST

Regardless of size, we provide all our customers with answers to their technical questions, develop workable cost-effective solutions for their filter problems, and provide them with filters from our full range of standard and custom products.

CUSTOM OR SPECIALTY FILTERS

Custom and specialty filter manufacturing capabilities are unrivaled with in-house tool and die, CNC machining, custom molding, and all pleating technologies. This engineered opportunity is suitable for larger production runs.

QUALITY

All of our filters are built to OEM specifications or greater.

Quality matters. Choose wisely.

Dust Collector Filters

Efficient, Cost Effective Option for OEM Replacement Filters

For years Pleatco Filtration (combining APEL, MPF & TVS Filters) has been an industry leader in the design & manufacture of replacement filter elements for baghouses, dust collectors and dry process equipment. We offer you quality crafted filters for all brands of OEM equipment, manufactured from our broad range of filter medias and components. With Pleatco's top-rated customer services and expert technical support, we'll carefully assess your filtration needs and construct a standard or custom filter for you. The results of our labor will be reflected in the efficient performance of your operating systems with **high efficiencies and minimum downtime**.

Applications include:

- Welding Fume
- Woodworking
- Bin Vent
- Laser Cutting
- Metal Grinding
- Mixing Equipment
- Co-generation
- Cement
- Powder Coating
- Pneumatic Conveying
- Pharmaceutical
- Industrial Vacuum
- Foundries
- Blasting
- Mining
- Food Processing
- Pollution Control
- More...
- **Direct replacements for all OEM's**



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Oval Filters

Introducing Oval Replacement Filters

Pleatco proudly introduces oval filter elements as replacement filter for almost all OEM's.

Pleatco's new oval replacements are available in CelluBlend™ or Nanobond™ media offering you quality and performance based on your application. Media options include: CelluBlend™, Nanobond™, FR Fire Retardent, Spunbond

Pleatco now offers Nanobond™ filter media with its unique technology offering key benefits of higher efficiency, lower pressure drop, longer filter life and greater energy savings. Pleatco's selection of high-quality blended base media and consistent Nanobond™ fibers has created a durable product which not only withstands rigorous pulse-cleaning but also offers extended filter life, lower operational costs and Merv 15 operational efficiency.

Pleatco's Nanobond™- Oval elements feature nanofibers that are 50% finer than OEM and a MERV 15 efficiency rating, the industry's highest. Nanobond™ technology in your dust collectors means superior filtration efficiency on sub-micron particulate (0.3 to 1.0 micron dust particles), lower emissions, longer filter service life and greater energy savings.

Applications include:

- Chemicals
- Plastics
- Food Processing
- Foundry
- Agriculture and Feed
- Metal Working
- Mining
- Rock Products
- Weld Fume
- More...

Features:

- Galvanized End Caps
- Expanded metal or Band Outer Construction
- Expanded Metal Cores
- Operating Temperatures up to 275°

Benefits:

- Increased Air Flow / Unchanged Velocities
- Excellent Filtration Efficiency
- Extended Filter Life
- More Effective Pulse Cleaning
- Reduced Maintenance Costs & Downtime
- Reduced Abrasion



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FDA Compliant Filters

Proven performance for process collectors

Pleatco's FDA Compliant Filter Elements have been used successfully in a wide variety of industries and applications including food and pharmaceutical where enhanced dustcake release is critical for compliance and airflow. All components used to produce Pleatco's all synthetic FDA pleated bag filters and FDA-style cartridge filters have SUCCESSFULLY PASSED extraction testing requirements from an independent certified laboratory. Analysis certifies that all components used in manufacturing Pleatco's FDA Certified filters are listed as acceptable under Federal Regulation Code 21 CFR 177. Items listed in this section may be used as components of article intended for use in contact with food, subject to the provisions delineated.

Our tested filters:

Cartridge Filter

- a) 316L Stainless Perforated Core
- b) 100% Polyester Spunbond
- c) 100% Polyester Ribbon on Banded Filters
- d) Hard Urethane Molded End Filters

Pleated Bag

- a) 100% Polyester Media
- b) Polyester Ribbon for Bands
- c) Ribbon Adhesive
- d) Soft Molded Polyurethane
- e) Polypropylene Core

Large Diameter Pleated Cartridge Filter

- a) 100% Polyester Media
- b) Polyester Ribbon for Bands
- c) Ribbon Adhesive
- d) 316 Stainless Steel End Caps
- e) 316 Stainless Perforated Core
- f) Silicon Gasket/Glue/Adhesive
- g) Epoxy Potting Compound



Pulse Jet Pleated Bags

Lowers Energy Cost and Increases Baghouse Efficiency

Pleatco Pulse Jet Bags provide easy and dependable operation for high-volume dust collection applications.

- Engineered designs to fit most OEM-style Pulse-Jet baghouses
- Cost effective alternative to fabric bags and cages
- Top and bottom load designs
- Up to 2-3 times the filter life over fabric filter bags
- Various engineered pleat geometrics
- Multiple construction styles
- Efficiencies of up to 99.99%
- Rigid physical media properties
- Reduces downtime and maintenance costs
- Promotes surface filtration& dust release
- Patented design offers easy installation

Medias & Finishes

- 100 % Spunbond Polyester Media
- Water & Oil Repellencies
- Aluminization for Static Control
- Carbon Impregnated
- PTFE Membrane Laminates
- Aramid Felt
- PPS

Optional Construction for a Wide Variety of Applications and System Design:

- Lightweight Media Core
- Heavy-gauge Media Core
- Stainless & Galvanized Components
- Urethanes, Epoxies, EPDM & Silicone
- FDA Grade Construction
- Spunbond - 180°F - 265°F
- Aramid/PPS - 375°F
- Higher Temperature Construction Available
- Long Term Savings
- Extended Filter Life
- Lower Pressure Drops
- Abrasions & Chemical Resistant
- Reduced Compressed Air Usage



Applications include:

- Powder Processing
- Cement
- Material Handling
- Foundries
- Metal Fabrication
- Paint & Pigments
- Pharmaceuticals
- More...

Panel Filters

Lightweight & sturdy for peak performance

Pleatco offers high efficiency flat cell panel filters, engineered to provide higher initial efficiencies and better overall performance customers can rely on. Our filters are designed for general air filtration applications with light to medium dust-loading conditions up to systems where a higher degree of clean air is required. Our panel filters are made of lightweight yet sturdy aluminum, contain superior filter media, and come with built-in handles for easier maintenance.

The modern compact design is useful in many plants and filtration jobs. We can manufacture flat filters with high flute heights. The construction of the thin filter secures efficient filter qualities with even a low pressure

Filter Features:

- Antistatic (ATEX)
- PTFE coating (oil and water repellent)
- PTFE membrane (high filtration efficiency)

Applications include:

- Powder Processing
- Cement
- Material Handling
- Foundries
- Metal Fabrication
- Paint & Pigments
- Pharmaceuticals
- More...

HEPA/DOP/ASHRAE

- Higher filtration efficiency
- Lighter loading applications
- Visible emissions are unacceptable
- Customer specified HEPA level filtration E



Oil Mist Filters

Oil mist filters to collect and separate oil in the mist and eliminates oil mist in your facility

Oil mist can build up on your machines and floors making your workplace slick and dangerous. Pleatco's Oil Mist Filters contain and separate the oil mist from dirty particles and air so you can recycle it back into your equipment. With Pleatco's top-rate customer service and expert technical support, we'll carefully assess your filtration needs and construct a standard or custom filter for you. The results of our labor will be reflected in the efficient performance of your operating systems with high efficiencies and minimum down time.

Oil Mist Filter Specifications:

Absolent® A-Mist Replacement Cassettes

- Pre-filters, secondary filters, and final filters available for A-Smoke, A-Mist, ODF & ODR Models
- For filtration of wet/damp particles, deep filtration filters with self-draining capacity

WSO Replacement Filters

- Oblong filter shape features:
- Up to 45% more filter surface area than pocket filters and round cartridges
- Best fit in rectangular cabinet
- Lower pressure drop
- Longer filter life

Final Filters/HEPA

- Final filters provide the highest degree of filtration for the removal of smoke or toxic particulate.
- Rated 99.97% at .3 microns
- Mini pleat variety
- Galvanized frames
- Cylindrical and Panel Style



Gas Turbine Filters

A wide range for all styles of filter house systems

Harsh weather conditions, high levels of airborne particulate and salt ingress are just some of the challenges faced by gas turbine operators in the oil and gas industry. Often sited in remote locations, gas turbines used in the oil and gas industry typically encounter extremely challenging operating environments. High levels of small particulate in the form of sand, dust and shot-debris from drilling, salt aerosols in offshore and coastal locations, and harsh weather conditions all threaten the performance and health of a gas turbine..

Pleatco OEM replacement gas turbine filter cartridges assure maximum operating efficiency of a gas turbine. Air inlet filtration is a critical element to assure maximum operating efficiency. Properly selecting and maintaining the filtration system can increase the performance and extend run time of the gas turbine as well as minimize unplanned maintenance associated with unexpected filter failure. Different styles of filter houses require different types of filtration. Proper filter / component selection should include consideration of environmental factors such as ambient dust concentration; humidity; intense periods of moisture such as fog, rain, and snow; and the durability required over the life of the filter.



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Fabric Filter Bags

Dust Collector Fabric Filter Bags

Pleatco offers a complete range of fabric filter bags for most OEM dust collection systems in a wide variety of fabrics, finishes, styles and sizes. We offer custom design and technical assistance to recommend a fabric to best handle your specific filtration requirements.

Bag Types:

- Shaker and Reverse Air Bags
- Pulse Jet Bags
- Envelopes and Custom Bags
- Beane Bag Seamless Tube Knit bags.

Media Types:

- Aramid
- PTFE
- P84®
- Ryton®
- Polypropylene
- Polyester Felt Singed
- Polyester Felt Glazed
- Beane Bag Seamless Knit Polyester



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How we work with you



In Stock Need It Now!

Most Popular Replacement Parts

We stock a wide range of replacement filters for major brands. Off the shelf.

24 - 48 Hour Delivery

*May vary due to availability or volume



Made to Order Need It Quickly

All Other Replacement Parts

We make replacement filters that have been available before.

6 - 10 Day Delivery

*May vary due to availability or volume

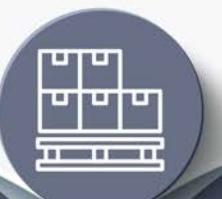


Tailor Made For Your Own Application

New Engineered Parts

We engineer and manufacture filters to meet your specification

Project Specific Delivery



Co-produced OEM Application

New & Replacement Parts

We engineer, manufacture and stock filters to meet OEM needs

Integrated Delivery

Ready?

Call 502-240-0443 or visit Pleatco.com

Canada call: 866-525-5673



Whatever the environment,
we'll help it be clean.

Industrial Air Filtration | Pool & Spa Filtration



Pleatco.com