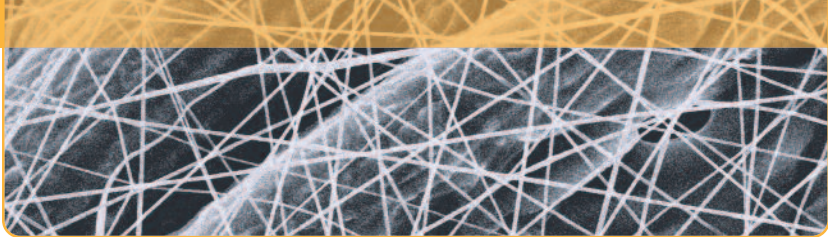


## *Environmental Dust Collection & Gas Turbine Cartridges*

Powered by **ProTura®** —  
*The Most Advanced Nanofiber Filtration Technology*



ProTura® nanofiber filtration technology shown at a magnification of 5,000x. The surface layer is extremely thin and finely pored for maximum filtering efficiency.

# Specify the **Most Advanced** Nanofiber Filter Technology for Any Application

## MAXIMUM FILTRATION FOR INDUSTRIAL DUST COLLECTION

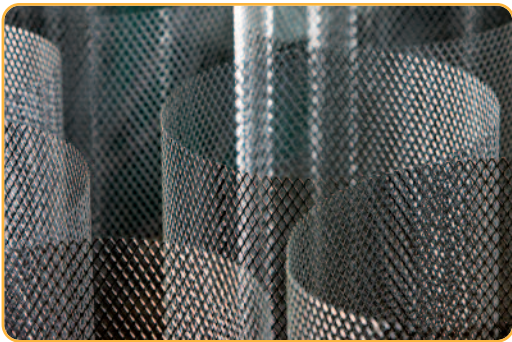
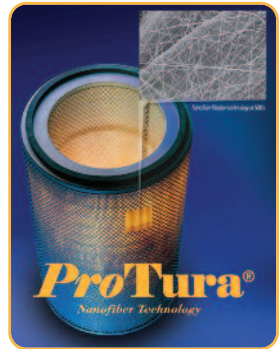
Turn to Clark Filter for innovative solutions in environmental dust collection. Clark Filter manufactures the broadest line of premium, OEM-specified filters for use in nearly any industrial application, including powder coating, chemical processing, food production, paper manufacturing, pharmaceuticals, power generation, welding and plasma cutting, and more.

Always on the leading edge of innovation, Clark Filter also develops and manufactures in-house the next generation of filtration technology — ProTura® Advanced Nanofiber Filtration Technology.

## Finest polymer fibers, industry-highest MERV rating

With 99%+ efficiency on 0.3-0.4 micron particulate, ProTura nanofiber filters provide maximum filtration. In fact, nothing matches ProTura performance in cartridge-style dust collectors.

With nanofibers 50% smaller than competitive fibers and an industry-highest MERV 15 efficiency rating, ProTura nanofiber filters significantly outperform competitive cartridges in ALL industrial dust-collection applications.



Specify the advantages of ProTura nanofiber technology for your dust collector:

- **50% finer nanofibers** provide maximum filtration of submicron particles and lower outlet emissions
- **MERV 15 efficiency rating** is the highest of any standard cartridge filters. A higher MERV rating means higher filter efficiency, greater ability to remove submicron dust particles from the air, and reduced emissions
- **Surface-loading technology** with nano-size interfiber pores allow caked dust to easily pulse off of the surface layer and keep the media clean. This results in superior cleaning efficiency and savings in compressed air costs
- **Longer filter life** due to less pulse cleaning and filter stress means lower filter replacement costs
- **Lower initial pressure drop** over the life of the filter and less energy use

## HIGH EFFICIENCY, LOWEST DELTA P IN GAS TURBINE APPLICATIONS

ProTura nanofiber and its performance benefits are available in Clark Filter's Turbo Pulse GT™ pleated filters for gas turbine inlet housings.

**TurboPulseGT™**  
Gas Turbine Cartridge Filters

Cartridge or panel style, durable Turbo Pulse GT filters with ProTura nanofibers keep your turbine systems operating at peak efficiency in the harshest environments. They block out dust, pollen, sand and salt, providing the highest efficiencies and lowest delta P in pulse-jet or non-pulsing barrier systems.

Turbo Pulse GT filters reduce pressure drop to increase turbine output and extend service life.

Also available in cellulose and polyester blend and 100% synthetic media, Turbo Pulse filters with ProTura technology feature:

- **Moisture-resistant nanofibers and highest MERV 15 rating in the industry**
- **Heavy-duty, high-strength construction**
- **Galvanized helix expanded or stainless steel expanded liners**
- **Galvanized or stainless endcaps**



## TWICE THE FILTRATION AREA INCREASES BAGHOUSE CAPACITY

ProPulse™ pleated bag filters are the most advanced filters you can install in baghouse dust collectors. Featuring spun-bonded polyester medias with surface-loading characteristics, ProPulse filters boost efficiency, reduce emissions and lengthen filter service life compared to standard depth-loading felt media.

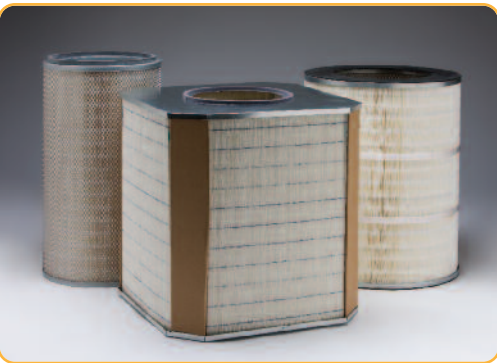
More advantages of ProPulse pleated bag filters:

- **Double the filtration area increases capacity**
- **Lower initial and operating pressure drop**
- **Easier pulse cleaning cuts compressed-air costs**
- **Shorter filters reduce abrasion from inlet**
- **Compact size speeds removal and installation**
- **Top and bottom load options**
- **Molded urethane top construction**

## SUBMICRON PROTECTION AGAINST WELD FUME AND SMOKE

Add Clark Filter innovation and the clean-air efficiency of ProTura nanofiber technology to your Lincoln Electric Mobiflex 200-M and Mobiflex 400-MS weld fume extractors.

You can't specify higher filter efficiency or more protection against submicron (0.3 to 0.7 microns) weld-fume particulate than ProTura nanofibers. ProTura filter cartridges clean air more thoroughly by removing even the smallest breathable particles, providing a safer,



more productive environment for workers. In addition, by not absorbing hydrocarbons inherent in weld fumes, ProTura filters last longer and reduce disposal costs.

## NEED REPLACEMENT CARTRIDGES FOR YOUR COLLECTORS?

Clark Filter stocks a full line of dependable replacement cartridges for all major manufacturers of dust collection systems. If you need a custom cartridge for special applications or climatic conditions, we can design and manufacture the right filter for you. Call us today to learn more.



# Clark Filter — *Adding Value Beyond Expectations*

Expect to receive only the best from Clark Filter. Technological innovation and customer service make us the leader in industrial filtration.

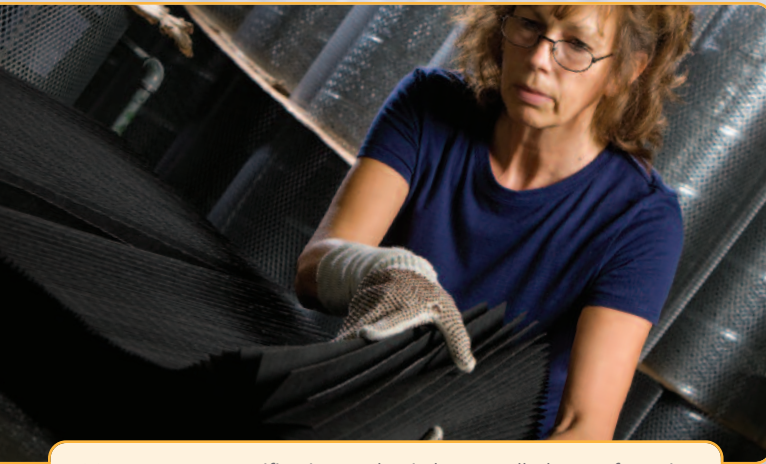


Clark Filter is committed to satisfying the needs of OEMs and collector operators by developing new products and solutions for any industrial filter application. Whether innovating new media, improving standard products or designing specialty filters, we're constantly advancing state-of-the-art filtration. In addition, our broad product selection offers convenient and reliable solutions that satisfy customers who are looking for more.

Clark Filter also provides an unmatched level of industry knowledge, expert technical support and responsive customer service that reaffirm our commitment to your company's success. Our dedication to your needs ensures that all orders are shipped promptly and received on time.

***Clark Filter is a part of CLARCOR,  
a total filtration company***

CLARCOR is among the world's largest filtration manufacturers, offering more than 80,000 types of filter products. As part of the CLARCOR family of companies, Clark Filter can assist you with solutions for all your filter requirements.



*ISO 9001:2008 certification and strictly controlled manufacturing processes ensure high quality from concept to finished product.*

*Clark Filter's state-of-the-art facility in Lancaster, PA, includes 180,000 sq. ft. of manufacturing space and a 90,000 sq. ft. warehouse. The scale of our operation lets us implement private labeling and consignment inventory programs.*



*Adding Value Beyond Expectations*



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