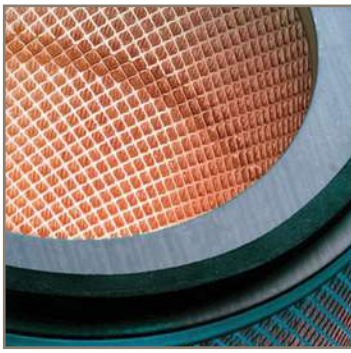
BHA®

BHA® Cartridge Filters for Dust Collection



DYNACOM
Industrial Filtration
Since 1978

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Discover the Difference in Performance and Value of our BHA Cartridge Filters

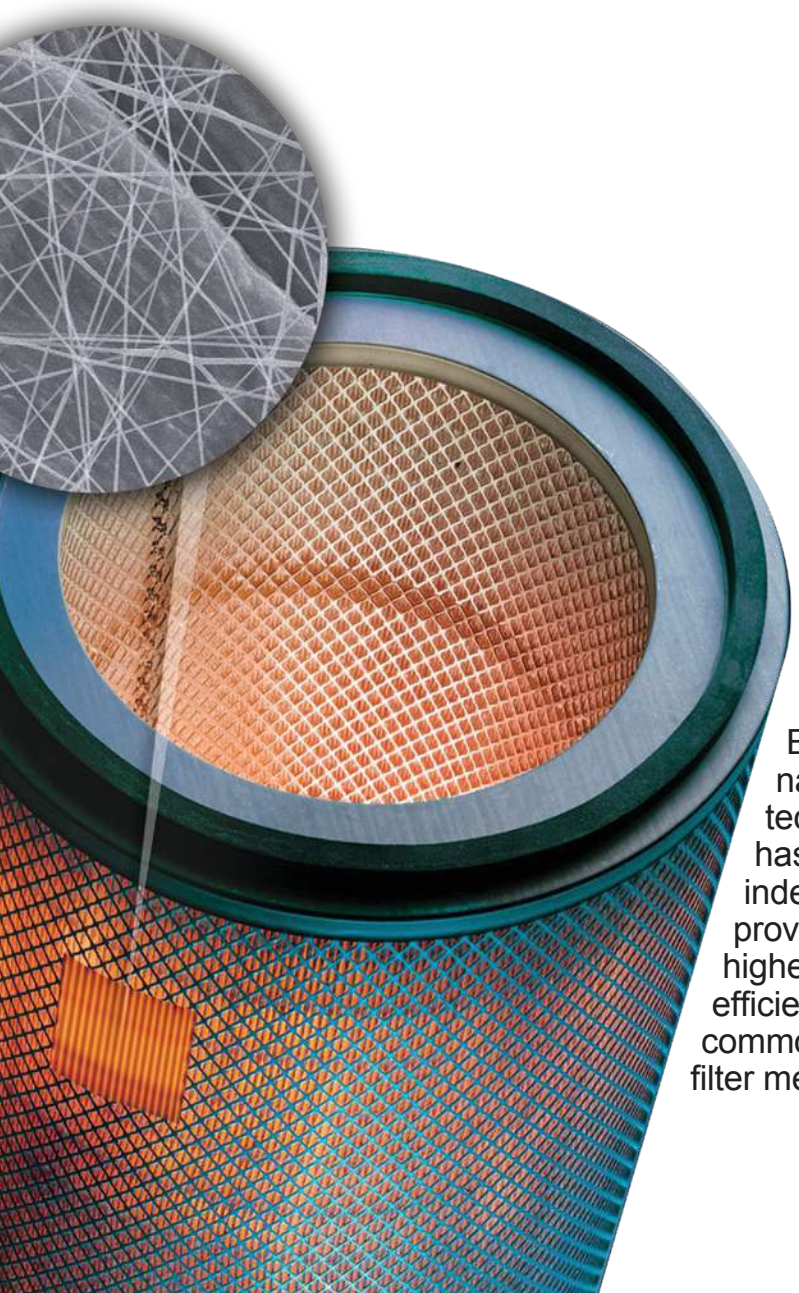
Always leading technology and innovation, Parker Hannifin engineers and manufactures the new standard in filtration technology — patented BHA ProTura® advanced nanofiber filtration technology.

BHA ProTura advanced nanofiber technology has been independently proven to achieve higher initial efficiency, cleaner air, lower pressure drop and greater energy savings than commodity filter media.

Surface Loading Is Key
BHA ProTura filters feature a special surface nanofiber layer made from synthetic polymers so extremely fine, they are measured in fractions of a micron (nanometers). This ultra-thin layer traps dust and fume particulate on the surface of the filter before it can embed deeper in the media—leading to better cleaning efficiency with fewer pulses and significantly less compressed air use.

As a result, customers benefit from several advantages, including:

- **MERV 15 filtration efficiency** ensures capture of submicron particles and reduction of dust collector emissions for cleaner and safer workplace air
- **Lower energy costs with reduction** in compressed air from fewer pulses and filter pressure drop
- **Nanofiber technology** means superior surface loading to enhance dust cake release and longer filter life



Our BHA ProTura filters (MERV 15) have an exceptionally high level of filtration efficiency in capturing sub-micron particles from a contaminated air stream. With nanofibers smaller than competitive fibers and an industry highest MERV 15 efficiency rating, and true surface filtration, you get 99%+ efficiency on 0.3-0.4 micron particulate.*

Although MERV is important, it can also be misleading. A filter may achieve a high MERV rating but result in higher pressure drop. So be aware of filters that use restrictive surface layers to boost efficiency as they ultimately lead to an increase in pressure and frequent filter replacement.

BHA ProTura nanofiber cartridge filters not only offer a MERV 15 rating but also deliver the ultimate combination of high efficiency, low operating costs and longer filter life.

BHA ProTura nanofiber outperforms.

*In operation, at about 1" DP

BHA Cartridge Filters Stocked with Performance and Value

Keep your dust collectors running efficiently and energy smart with high-quality BHA cartridge filters.

Cylindrical Cartridges

Our round cylindrical cartridge filters rank among the highest in performance, efficiency and value. We stock a wide range of cylindrical replacement cartridge filters for use in nearly all major brands of dust collection systems and industry applications. They are available in an assortment of media, including our proprietary BHA ProTura nanofiber filters.

Oval Cartridges

Our oval cartridge filters also provide superior filtration with our advanced proprietary BHA ProTura nanofiber filtration technology. This technology is scientifically proven to achieve higher efficiency, cleaner air, lower pressure drop, longer filter life and greater energy savings than any other media used in cartridge filters.

Custom Cartridges

Should you require a custom filter to meet a special application need or as an aftermarket filter for another brand, we can design and manufacture the right filter to meet your specified requirements. Our specialists will help you select the best media and filter configuration to fit your unique application.

OEM Dust Collector Cartridge Filters

We make cartridge filters for many of the OEM's: Donaldson AAF, Airflow Systems, Donaldson Torit, Camfil Farr APC, FlexKleen, ITW/Gema, Nordson, Micro Air, Pnuemafil, UniWash/Polaris, Robovent, Sly, Steelcraft, Wheelabrator and more.*

Available in different medias such as spunbond polyester, aramid, BHA Preveil® ePTFE laminated, and other specialty medias.

*Trademarks are the property of their respective owners.

Applications

Here are a few of the many different applications where BHA PulsePleat filter elements have improved system performance. We custom manufacture elements to fit nearly any OEM style of pulse-jet baghouse. Parker Hannifin engineers can help you select the right media, size and construction to fit your collector without capital modifications.

Cement and Rock Dust
Bentonite Crushing
Clay Grinding
Clinker Cooler
Coal Mill
Crushing/Grinder
High-Efficiency Separator
Kaolin Processing
Material Handling/Transport
Packing Machines
Raw Mill/Finish Mill

Chemical
Calcium Hypochlorite
Catalyst Manufacturing
Cellulose Fibers
Coke-Briquetting Process
Fertilizer Spray Dryers
Packaging
Plastic Fibers
Polyethylene Resins
Polystyrene Fluff
PVC
Tire/Specialty Rubbers

Combustion
Boiler
Coal Handling
Fly Ash Handling

Food/Pharmaceutical
Animal Vitamins
Cereal Drying
Flour Milling
Food Additive Processing
Grain
Mixing/Blending
Pharmaceutical Pill Coating
Spray Drying

Metals
BOF Furnace
Caster
Desulphurization Furnace
Electric Arc Furnace
Induction Furnace
Ladle Melt Furnace
Mold Cooling Lines
Sand Shakeout/Sand Reclaim
Shot Blast/Grinding

Paint/Pigments
Micronizers
Packaging
Paint Mixing
Pigment Blending
Pneumatic Conveying
Spray Drying
Toner Mixing/Blending

Primary Aluminum
Alumina Handling/Unloading
Anode Crushing Ventilation
Carbon Bake Dry Scrubbers
Fluid Bed Dry Scrubbers
Green Mill Carbon Handling
Reacted/Unreacted Ore Silos
Venturi Injection Dry Scrubbers

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