

BEHRINGER® Interchange Elements



Supporting the fluid power industry for a combined period of over 75 years, Behringer has established an excellent reputation for our ability to provide affordable high quality products. Employing the most advanced filter media and assembly components available, our elements are designed to retrofit or replace many of the popular models offered by other filter manufacturers. Various coatings and seal materials are available to ensure fluid compatibility. Use of Behringer filtration products, in conjunction with a conscientious maintenance program, will provide maximum equipment service life while ensuring optimized productivity. For general information by product group, please see below information.



Microglass High-Efficiency Beta-Rated

Media

The Behringer® brand media pleat pack features our latest generation of graded density glass media that delivers required cleanliness, while optimizing dirt holding capacity

Dynamic Filter Efficiency

DFE rated elements perform true to ratings, even under demanding variable flow and high vibration conditions. Today's industrial and mobile hydraulic circuits require elements that deliver specified cleanliness under all circumstances. Wire mesh supports the media to ensure against cyclical flow fatigue, temperature, and chemical resistance failures possible in filters with synthetic support mesh.

Pleated Paper Nominal Elements

Media

The Behringer® brand paper media pleat pack offers economical filtration in non-critical applications. Because of its extreme-low cost, paper elements have been the choice of many customers wishing to reduce maintenance expenses.

Applications

Nominal paper filter elements are recommended to replace most major brands on the market today. Because many manufacturers offer these economical filtration solutions, Behringer has added the paper media to the entire line of products. Please consult Behringer to see if paper elements can be a viable solution to your filtration application.



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Coreless High-Efficiency Beta-Rated

Construction

The Behringer® brand media pleat pack features our latest generation of graded density glass media that delivers required cleanliness, while optimizing dirt holding capacity. This is the same DFE-Rated media used in our micro-glass elements. The coreless design utilizes no steel components in the end-cap or center-tube construction. The Behringer coreless elements still employ the use of epoxy-coated wire mesh support layers in most instances. This ensures a more rigid element, while still maintaining the ability to be easily disposed of. More information can be found about the benefits of the epoxy-coated wire mesh support structure in the Behringer technical bulletin, “Epoxy-Coated Wire Mesh Vs. Plastic / Synthetic Mesh”.

Air Intake Elements

Construction

Behringer utilizes our tenure and experience in making filtration products to design and upgrade filters in air-intake applications. Media options include economical paper media, special paper / polyester blends, and high-efficiency micro-glass and micro-glass blends. As with other series of filter elements offered, Behringer has the capabilities to manufacture direct replacements, or “upgrades” to more efficient filter media. Because most air intake filters are constructed with molded-rubber end-caps, custom sizes and lengths are easy to manufacture in low minimum-run quantities. For a quotation, please provide dimensional details and construction details so that we may properly recommend the correct filter element for your particular applications.



Dust Collectors

Construction

Behringer manufactures a wide range of replacement dust collector cartridges to fit all popular makes and models of equipment. The cartridges feature the heavy duty construction that you have come to expect from Behringer, resulting in elements that can withstand even the most rigorous use. Our media utilizes a specific blend of organic and synthetic fibers with exceptional abrasion resistance and burst strength.

The media is water repellent, which yields superior performance in humid environments and outdoor installations. Polyester fibers on the media surface attribute to excellent cake-release properties. These two functions create a completely washable and re-usable element.

Independent test results confirm the Behringer filter’s high efficiency, and low restriction of flow.

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Process Filtration

Behringer manufacturers process filtration elements in all standard sizes as well as custom or non-standard sizes. Different media types and materials are available for varying application requirements. Media offered are string-wound, resin bonded, melt blown, carbon, micro-glass, and pleated polypropylene. Available media materials include Industrial Polypropylene, FDA-Approved Polypropylene, Xtrupor, Bleached Cotton, Natural Cotton, FDA Bleached Cotton, Rayon, Acrylic, Polyester, Glass, and Nylon. Nominally rated cartridges offer the ultimate in affordability, while XLC (Extended-Life) Cartridges offer higher dirt-holding capacities and longer element life. Absolute-Rated elements with efficiencies as high as Beta 5000 offer supreme filtration. Replacements are available to interchange all major brands.

Spin-On Elements and Assemblies

Construction

Today's industrial and mobile hydraulics rely heavily on the use of spin-on filtration products. Behringer manufactures spin-on elements using the same DFE-rated micro-glass and economic pleated paper media found in our cartridge-style hydraulic filter elements. As well as offering high-quality replacements, Behringer also offers complete assemblies including spin-on heads, cast in aluminum, and available with an arsenal of porting configurations and accessories. Behringer's spin-on line is one of the most extensive lines on the market today. We are your complete one-stop high quality, affordable spin-on filtration supplier.



Custom Filter Elements

Construction

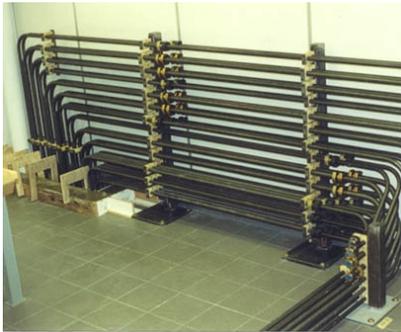
Behringer is not only a strong filtration manufacturer, but we are also a full metal-fabrication facility with state of the art design and manufacturing equipment for metal cutting, forming, and welding. Custom applications easily move from design to manufacturing, as all work is done in-house. We have offered custom element fabrication for many years, and because of our total control over the entire process, we are able to offer special products not found elsewhere. We typically have small minimum-run requirements and a fast turnaround, which make special items very economical. If you have a special size, or just a non-standard and hard-to-find filtration application, contact Behringer to determine what solutions can be offered.

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Manufacturers Intechanged

AAF	Cim-Tek	Festo	linternormen	Nugent	Speedaire
AC Delco	Clark	Filter-Dyne	Joy	Pall	Southwest
Air Refiner	Cross	Filterrite	Kaeser	Pall/PPC	Stauff
Airguard	Crossland	Filter-Mart	Keene Kaydon	Parker	Sullair
Airteck	Cummins	Finite	Leroi Dresser	Peco	Taisei-Kogyo
Alco	Cuno	Fleetguard	Leybold	Pioneer	TDC
Argo	Deltech	Fram	Luberfiner	Pneumatech	Torit
Arrow	Diagnetics	Gardner Denver	Mann	Purolator	UCC
Atlas Copco	Dollinger	Gast	Marion	PTI	UFI
Baldwin	Dominick Hunter	Gresen	Marvel	Quincy	Van Air
Balston	Donaldson	Guardian	Masuda	Racine	Vickers
Banner	Dresser Rand	Hankinson	Moog	Raycor	Western
Binks	Endustra	Hawkins	MP Filtri	Refilco	Wheelabrator
Burgess	EPE	Hilco	NAPA	Royal	Wilkerson
Bosch	Facet	Hycon	Nelson	Schroeder	Zander
Can-Flo	Fairey-Arlon	Hydac	Nordberg	Solberg	Zinga
Caterpillar	Farr	Ingersol Rand	Norgren	SMC Pneumatics	Zeks

Other Behringer Products



Industrial Pipe Clamps



Sanitary Pipe Clamps



Mahle Industrial Filters



Rötelmann Ball Valves



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