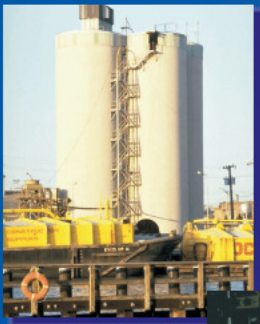


Fluitek



## *Filtration Elements For Every Industry*



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# Companies Cross Referenced

The following is a listing of typical companies, although not all inclusive, whose elements are cross referenced by Fluitek.



ABEX	CUNO	G.E.	MOOG	SKINNER
ABG	CURTIS	GILBARCO	M.P. FILTRI	SOLAR
AIR MAZE	DABOCO	GRESEN	NAFCO	SOLBERG
AIRSAN	DANLY MACHINE	HANKINSON	NAPA	SPERRY VICKERS
AIRTEK	DAVEY COMPRESSOR	HEALD MACHINE	NATCO	SRS
ALLEN	D.C.I.	HEIL	NATIONAL ACME	STAUFF
ALLIS CHALMERS	DAHL	HENDERSON	NELSON	STAYNEW
ALLISON	DE-LAVAL	HILCO	NEW BRITAIN	STODDARD
ALSOP	DELTA PURE	HILLIARD	NEW HOLLAND	STOKES
AMBAC	DEL TECH	HITACHI	NORCO	SULLAIR
AMETEK	DOLLINGER	HOFFMAN	NORGREN	SULLIVAN MACHINERY
ANROD SCREEN	DOMNICK HUNTER	HONAN-CRANE	NORMAN	SUNDSTRAND
AQUAPURE	DONALDSON	HYDRA-SCREW	NORTH AMERICAN FILTER	SUNNEN
ARGO	DRESSER	HYDRECO	NORTON	SUNSHINE
ARIEL	DROTT	HYTREX	NOWATA	TECHNOLAB
ARLON	DUNHAM-BUSCH	INDUSTRIAL FILTER MFR.	NU-AIR	THERMOKING
ARMY-NAVY	DURALIFE	INGERSOL-RAND	NUGENT	THOMPSON GRINDER
ATLAS COPCO	DYNAHOE	JAPAX	OHIO FABRICATORS	TORIT
BALSTON	EATON	JEFFREY	OLIVER	TORITE
BALDWIN	EDEN	JOHN DEERE	OWATONNA	TOTCO
BANNER	EDM	JOHNSON CONTROLS	PAKO	TRABON
BEACH FILTER	EDMAS	JONES & LAMPSON	PALL	UCC
BEACH RUSS	ELDORADO TOOL	JOY	PARKER	ULTRA FILTER
BENDIX	ELOX	KAYDON	PECO	UNIVERSAL SILENCER
BIG A	ENDUSTRA	KAESER	PEERLESS	US HOFFMAN
BOWSER	EVERPURE	KEENE	PERRY	VELCON
BRIGGS	EXCEL	KELLOG AMERICA	PIONEER	VERSAMONT
BRITISH FILTER	FACET	KEYSTONE	PITTSFIELD	VICKERS
BUCKEY	FAIREY-ARLON	KINNEY	POWERS	VILTER
BUSCH	FAUDI	KING	PRATT & WHITNEY	VOKES
CAN-FLO	FIFE	KODAK	PRECISION	WABCO
CARBORUNDUM	FILTER-FLO	KODALUTH	PTI	WACO
CAREY	FILTER & INJECTOR	KOHLER	PURE-AIRE	WALLACE
CASE	FILTER ENGINEERING	LAKOS	PUROLATOR	WATTS
CHAMPION	FILTERITE	LENZ	QUANTEK	WAUKESHA
CHAR-LYNN	FILTERSORB	LEROI	QUINCY	WEBSTER AIR
CHICAGO FILTER	FILTRAL-FILTREX	LHA	RACINE	WESTERN FILTER
CHICAGO PNEUMATIC	FILTRATION ENG.	LODGE & SHIPLEY	RACOR	WESTINGHOUSE AIR
CIMCO	FILTRI M.P.	MANN & HUMMEL	REFILCO	WIRECLOTH PRODUCTION
CINCINNATI MILACRON	FINITE	MARVEL	RIPLEY	WFC
COMMERCIAL	FLO-LINE	MEISSNER	ROCFORD	WILKERSON
COMPAIRE	FLO-PAC	MELLING TOOL	ROL-PAK	WINSLOW
COMPONETRAL	FLUID POWER SYSTEM	McMASTERS	ROSAEN	WINTEC
CON-AIR	FOREMOST	McWILLIAMS	ROSEDALE	WIX
CONSLER	FRAM	MICHIGAN DYNAMICS	SAHARA	WORTHINGTON
CONTINENTAL	FULFLO	MICHIGAN FLUID POWER	SCHRAMN	YORK
COOPER BESSEMER	FULLER COMPRESSOR	MICROPORUS	SCHROEDER	ZETA PLUS
CORAVAC	GARDNER-DENVER	MICRO-TOP	SELAS	ZINGA
CROSLAND	GARLA	MITSUBISHI	SERFILCO	ZURN
CROSS	GENERAL	MONCAN	SETHCO	



## Filtration Elements For Every Industry

Fluitek Corporation offers the most complete line of industrial filtration elements available today. Our product line covers over 200,000 different elements used for air, fuel, oil, and water applications.

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Since 1975, Fluitek has evolved to meet the filtration needs of many unique industries. Our broad product line enables us to supply our customers with every filtration product needed to meet the ever changing industrial filtration market. These products include everything from standard off the shelf commodity filters to specialized custom designed filtration elements. Our goal has always been to offer the industrial market a single source for all of their filtration needs.

### Air Intake Elements

Fluitek's air intake elements were developed for the removal of atmospheric dust or particulate in the air intake system of compressors, blowers, vacuum pumps, engines, etc. Our versatile manufacturing process enables us to offer these filters in thousands of different sizes and media configurations.

Most intake filters are made from cellulose, woven fabrics, or felted medias with either sewn, molded, or metal end configurations. We have over 100 different types of media that are used to provide intake filter solutions with an efficiency range of 0.3 – 750 micron. Some intake filters are used in high temperature environments. Fluitek offers elements for these applications with temperature ratings up to 1000°F.



### Metal Elements

Fluitek's all metal elements are designed for the removal of hard, coarse contaminants from applications including plastic extrusion, hydraulic oil, lube oil, cutting oil, fuel, and solvents. Our metal element line is offered in a variety of end configurations and micron ratings ranging from 5 – 750 micron. This style element is also available in all welded or crimped end configurations which eliminates the use of adhesives in the filter. Adhesive free cartridges are used in aggressive chemical or high temperature applications that cannot be limited by the temperature rating or compatibility of the potting compound.

Considered cleanable and reusable, Fluitek's metal elements are used in return line, suction, pre-filter, and some final filter applications. Our ability to fabricate custom end caps and pleat packs allows us to offer an all metal element in almost any style, shape, and size. With several types of metal medias available including carbon steel, stainless steel, and titanium, Fluitek is able to build an all-metal cleanable filter to fit most filtration applications.





## Compressed Air Filters

Compressed air filtration is one of the most common and most critical forms of filtration in the industrial market. Coalescer, particulate, and carbon absorption filters are the three most common types of compressed air filters. These filters are used to remove solid particulate, water, oil mist, and oil/water vapors from compressed air systems. Fluitek compressed air filters are placed at strategic locations throughout the compressed air system to protect equipment such as air dryers, cylinders, valves, and lasers.

Most compressed air filtration systems are designed to remove submicronic contaminants. In order to meet these requirements, our filters are offered in a micron range of 0.01 – 100 micron. Our coalescing filters use a specially formulated borosilicate glass media to achieve coalescing results of less than .003 ppm oil carry over. There are over 20,000 filters available in this product line which includes a wide range of sizes and medias to handle high flow applications and temperatures up to 450°F.



## Coalescer/Separator Elements

Fluitek's coalescer and separator elements were designed specifically for the separation and removal of water from gasoline, aviation fuel, kerosene, and diesel fuel. Made from a combination of pleated and wrapped layers of fiberglass media, our coalescer elements are capable of high flow rates and water removal down to 5ppm. Depending on the application, Fluitek offers coalescing elements with filtration efficiencies ranging from 0.5–25 micron.

The accompanying element to the coalescer is a separator element. Our separators are offered in several types of media such as Teflon® coated, fully synthetic, and silicone treated cellulose. We have coalescer and separator elements available to meet commercial, military, and American Petroleum Institute (API) specifications.

## Compressor Filters

Fluitek offers a complete line of compressor filters including air intake, lube oil, and air/oil separators. These filters are used to maintain clean air, clean oil, and to retain the oil in the compressor after the compression cycle. Our filters are designed to meet the compressor OEM specifications to assure protection of vital components on all major brands of air compressors.

Fluitek compressor filters are available for all types and designs of compressors including rotary vane, rotary screw, natural gas, and ammonia refrigeration compressors. We have over 100 different brands of compressors interchanged and over 10,000 different high quality compressor filters available.







## Depth Elements

Depth elements are used in low flow filtration systems such as applications containing soft contaminants, sludge, slime, or waxes. Fluitek depth elements are most commonly used to clean or recycle hydraulic oil, compressor oil, gear oil, quench oil, or various other fluids with off-line or side-stream kidney loop systems.

This series of elements is available in several different sizes and forms. There are a lot of different options of medias including cellulose and synthetic fiber blended medias. Fluitek depth filters are available in an efficiency range from 1 – 150 micron and up to a 350°F max temperature rating. The prime advantages of depth filtration elements are high dirt holding capacity, long filtration cycles, and high retention of small particulate in polishing applications.

## Process Cartridges

Fluitek offers several types of process cartridges. Wound, pleated, melt blown, and resin bonded are a few of the many process cartridge options that we have available. Fluitek process cartridges are used in a wide range of filtration applications including RO system pre-filters, beverage, ultra pure water, chemical, ink, paint, and sterile vent air filtration.

There are several different media options available including cellulose, polypropylene, cotton, PTFE, PES, stainless steel, and microglass. The wide range of media options allows us to offer filtration solutions for various applications with an efficiency range of 0.1 – 400 micron. Fluitek's process cartridges are available with all the popular end cap configurations which enables our cartridges to fit into existing housings without modifications. From standard every day drinking water to final



## Spin-On Elements

Spin-on elements are disposable elements in a self contained metal housing. These elements are used for the removal of contaminants from hydraulic oils, coolants, lube oils, fuels, water, and reservoir tank air breathers. Fluitek spin-on elements contain surface or depth loading medias such as cellulose, microglass, water absorbing, or stainless steel mesh. The variety of available medias allows for elements that are suitable for flow rates up to 100GPM and a micron efficiency of 1-150 micron.

Fluitek also offers spin-on filter heads to fit both our filter elements and our competitor's elements. We have heads available in single or multiple element designs. They are offered with NPT, SAE, and BSP port options ranging 1/4" - 1 7/8". Each head has a variety of gauge and indicator options to let the operator know when the element needs to be changed.



## Hydraulic Filters

HFluitek hydraulic elements are used for the removal of fine and granular contaminants in critical filtration applications. These applications include servo valve protection, engine test stands, power units, turbine oil filtration, and paper machine lube systems.

Our hydraulic filters are available in cellulose, microglass, stainless steel, and sintered stainless steel medias. Our specially engineered microglass media was designed to meet beta efficiency results based on ISO4572 and ISO16889 testing standards. With a Beta 200 or higher efficiency at micron ratings of 1 – 40 micron, our elements offer high performance filtration results that will meet or exceed our competitors' specifications for efficiency, dirt holding capacity, and overall filtration life.



## Panel Filters

Panel filters are commonly used on intake and exhaust applications. Some of the common applications are compressor intakes, grease catchers, spark arrestors, HVAC filtration, odor removal, and the final filtration of dust collection systems.

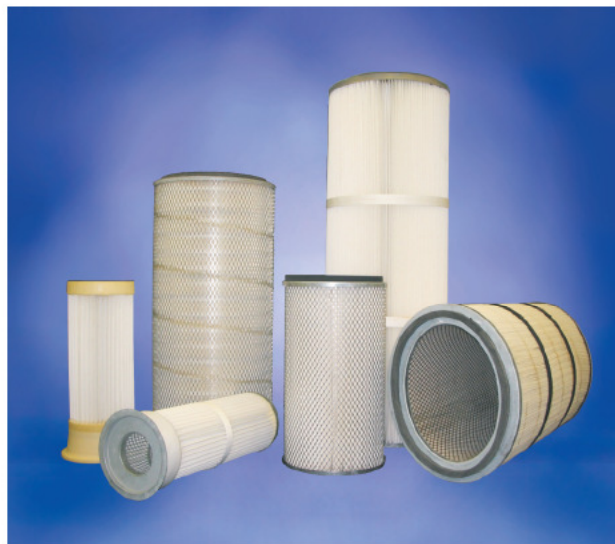
This product line is offered in several medias including stainless steel mesh, pleated cellulose, aluminum mesh, polyester felt, HEPA, carbon bed, and fiberglass. We have panel filter medias available with an efficiency range of 0.3 – 500 micron. Fluitek also offers high temperature and all metal panel filters for applications that are used in applications that require high temperature medias or cleanable panels.



## Dust Collectors

Fluitek dust collector elements are available in all of the current designs used in the industry. Sewn bags, cartridges, and pleated bags are some of the most popular types of dust collectors. We offer solutions for many applications including powder paint, welding exhaust, food manufacturing, and paper dust. Most suppliers are only able to supply the standard dust collector cartridges that are common to the industry. Fluitek has these products as well but also has the ability to engineer custom critical filters for food grade, pharmaceutical, and high temperature applications.

Fluitek has over 28 different dust collector medias available to meet various application requirements and temperatures up to 500°F. Some of our available synthetic medias offer a cleanable solution for customers who are looking to extend the overall cartridge life in their collector. The combination of media options and the thousands of end sizes and configurations gives us nearly unlimited design capabilities.







## Bag Filters

Fluitek's filtration bags are offered for both liquid and dust collection applications. Liquid filtration bags are commonly used as an inexpensive solution for the removal of bulk solids from applications such as coolant filtration, ink filtration, paint strainers, and various water pre-filter applications.

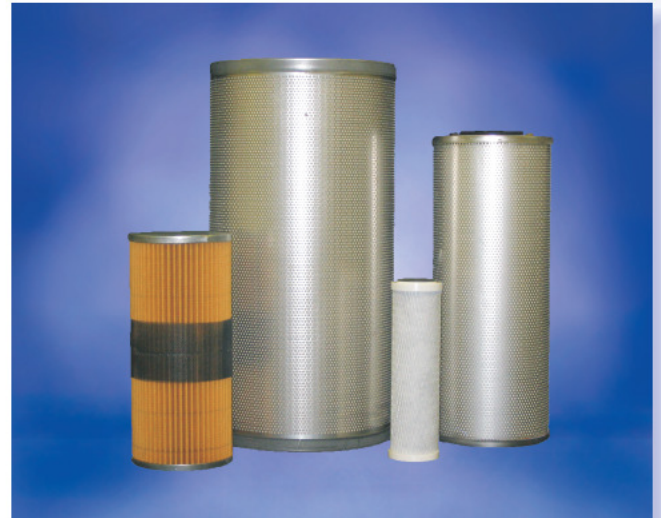
We offer both welded and sewn seam bags with several end configurations available to fit all major brand housings currently used in the industry. With over 30 different types of woven and non-woven

medias available, we literally have thousands of standard bag options available to meet your needs. While standard bags may be the most common choices, we also can make custom designed bags to fit unique requirements that may call for special medias or custom sizes.

## Absorption Elements

Absorption elements are designed to remove water or a specific chemical from fuel, solvents, and oils which is emulsified by the presence of surfactants and will not separate in a coalescer/separator process. These elements are commonly used at refineries, fuel pipelines, machine shops, and oil recycling applications.

Available in several sizes to fit existing filter vessels, these elements are capable of removing up to 4 quarts of water per element while reducing free water content down below 10 ppm. The filtration layer of the element allows the element to be used in a dual process by removing particulate as well as absorbing water. When configured with our high performance glass media, our elements are able to achieve a filtration efficiency of 99.5% at micron ratings as low as 1 micron.



## Original Brand Elements

Today's industrial market is using a wide variety of specialized equipment requiring oil, fuel, water, and air filtration elements with unique sizes, shapes, and performance characteristics. Because of the special designs of these elements, there is not always an aftermarket solution for every filter we are asked to supply. In these cases we offer the OEM filter element at a competitive price. At present time, Fluitek is furnishing original filtration elements for over 30 different filter brands. A small sample of the brands we currently have available as original products are listed below.

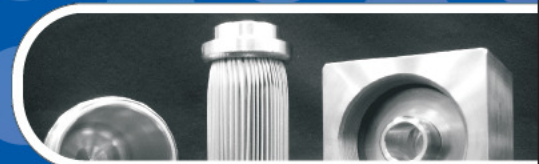
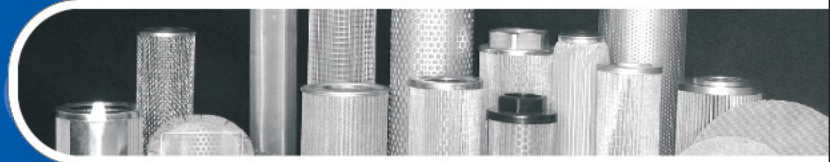
- |                |                   |                |
|----------------|-------------------|----------------|
| • Baldwin      | • Mahle           | • Schroeder    |
| • Fairey-Arlon | • PTI             | • Stauff       |
| • Finite       | • M.P. Filtri     | • Taisei Koygo |
| • Graver       | • Parker Hannifin | • Triple R     |
| • Hycon        | • Mann & Hummel   | • Vickers      |

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