

FILTRAS



Türkçe kataloğumuzu
talep ediniz



Demandez notre
catalogue en Français



Fordern sie unseren
Deutschen katalog an



Спросите каталог
на русском



اطلب
كاتالوجنا العربي



HYDRAULIC FILTERS

- Pressure Line Filters
- Return Line Filters
- Suction Line Filters

We produce the equivalents to such brands as Hydac, Stauff, Parker, Mahle, and Donaldson in the same sensitive and painstaking way. With our R & D team, we design the optimum filters for your need and offer them for your use, along with standard procured filters.

We produce filters starting from 1-micron precision by using Defender model raw materials of the brand 'Lydall' as the filter media. All raw materials are supported with double-sided protective wire meshes, thereby extending the filter use duration.

Filters that are resistant to pressures up to 420 bars and that will be used in high pressure lines are available in our portfolio together with about 250 cover molds. In the event that your system needs, we produce the filters with a bypass circuit. In the filters produced so, the bypass circuit is put into use at the specified pressure values and does not leave your system without oil even if they have been clogged.

We produce filter housings at the optimum pressure and flow rate values for your process together with filter elements.



Pressure Line Filters

They are used to ensure that the elements coming after the pump work safely. Therefore, pressure line filters should be mounted close to those elements which are intended to be protected. We produce filters which are suitable for operating pressures up to 420 bars and flow rates up to 330 l/min.

Return Line Filters

They are important filters as they clean the oil before it returns to the hydraulic reservoirs. One return line filter must absolutely be mounted in those systems where no pressure line filter is used. The filters produced with fiberglass raw materials are of disposable quality and are produced with 1- to 20-micron precision.



Suction Line Filters

Used in the pump suction line, these filters clean the fluid which comes to the pump from the tank. In this way, only filtered oil enters the hydraulic system. Filters with a high surface area are required in order for the pressure drop to be small in those places where very sensitive filtration is required. These filters are produced at low costs as it is very laborious to clean them.



Filter Housings

We produce filter housings from Stainless Steel or Carbon Steel that are suitable for the desired flow rate, temperature, and size. Our housings work up to a maximum pressure value of 10 bars (45 psi).

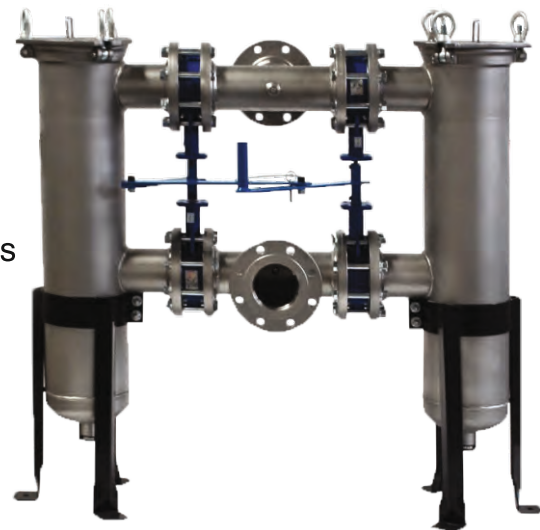
Our systems begin working with a 1-bar pressure loss and we recommend you to change the filters at a maximum pressure difference of 5 bars. Inlet and outlet manometers are available in our systems in order for you to follow the pressure difference easily.

By determining the optimum micron values for your process, we produce disposable (starting from 0.5 microns) or washable (starting from 10 microns) filter elements.



Kinds of Housings

- Single Bag Housings
- Double Bag Housings
- Serial Bag Housings
- Multiple Cartridge Housings
- Non-Stop Filter Housings
- Line Filter Housings
- Basket Filter Housings
- Plastic Housings





Line Filter Housings

Stainless or carbon steel cartridge line filters with dimensions of 5", 10", 20", 30", and 40" are available in our stock. Apart from standard sizes, the optimum sizes for your need are determined and line filters with the desired diameters and sizes are produced. Our housings work to resist pressures up to 8 bars. You can follow the filter contamination by means of the manometers on the housings.



Plastic Housings

We offer low-cost solutions with plastic housings with dimensions of 5", 10", 20", 30", and 40". Thanks to the glass containers of plastic housings, you can follow the saturation of your filters or follow the use pressures from the manometer on the system. Plastic housings work to resist maximum pressures of up to 8 bars.

With serial plastic housings, it is possible for you to make your process cleaner by straining it through several filters successively. Their easy replacement minimizes the duration of halting of your system.

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Stainless Steel Filter Elements

We produce cartridge and basket filters from stainless steel that are suitable for the desired size and pressure value starting from a pore diameter of 10 microns. Since these filters are of washable quality, they will reduce your filter consumption and decrease your costs in the long term. We are also able to produce 316L-quality filters for the food sector.

By revising the filters you use, we only replace the filter wire meshes in the event that the micron wire meshes have been damaged. In this way, we minimize your filter costs. When you are not satisfied with the microns of the existing filters, we bring the micron diameters to the level you desire through the same process.

We prevent you from experiencing the problem of the coming off of the cover by performing the filter assembling with a welding application for those environments in which solvent elements must be present in your process or in which it must work at high temperatures.





Mesh Filters

We produce dirt holder filters that will work at low pressure values from stainless screen wire meshes. The filter solutions with the most reasonable costs for those systems which work with a low flow rate are mesh filters. With their easy use and washable quality, filter replacement can be performed without halting the flow at all.

We are able to produce dirt holder filters from stainless steel from 10 microns to 5,000 microns in the desired diameters. If you wish, we can support the filters with appropriate connecting apparatuses and enable you to assemble them onto your system easily.

We can produce the dirt holder filters as being supported or unsupported and in the form of both cartridges and disks.

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Air Dryer Filters

We produce the air dryer filters of such brands as Atlas Copco, Ingersoll Rand, Kaeser, Sotras, and Lupamat. We provide service with highly efficient and long-life filters with Lypore Defender separator raw materials of the brand

'Lydall'. We meet all your filter needs in your line with the filters of all brands and models.



Separator Filters

Oil separator filters suitable for all compressor brands and models are available in our stock. We provide service with highly efficient and long-life filters with Lypore Defender separator raw materials of the brand 'Lydall'. By measuring the filters you use in your system, we meet your demands at the soonest time. We maximize fluid and vapor sealing by means of Klingerite flange gaskets.





Oil Filters

With cellulosic raw materials, we produce the equivalent filters of such brands as Mann, Donaldson, Fleetguard, and Baldwin. If you think that the micron values or surface areas of the filters you use do not conform to your area of use, we perform development on the filters, thereby producing the optimum filter for your need. We extend the filter life by preventing the media from bursting by pleating the cellulosic filter media with support wire meshes.

We minimize your filter costs by producing the oil filters from stainless steel as washable starting from 10 microns. We replace the filters that you use and that have cellulosic raw materials by washable filters with the same size and micron value in a short period of time.

In the event that your system needs, we produce the filters with a bypass circuit. In the filters produced so, the bypass circuit is put into use at the specified pressure values and does not leave your system without oil even if they have been clogged.



Dust Collection Filters

We produce the equivalent filters of such foremost dust collection system and filter producers as Donaldson, Clark, and Nordic. The filter elements of such systems as gas turbines, plasma cutting machines, powder coating booths, and dust collection units are available in our stock.



Gessner, Fulda, Freudenberg and JP Air are our main raw material suppliers and we produce filters starting from a pore diameter of 0.4 microns. Flame retardant, hydrophobic-coated (moisture-repellent technology), nano-coated (dust-repellent technology) and antistatic-quality raw materials are available in our portfolio.

Besides the production of filters in desired sizes, we provide more air flow with the same number of filters by increasing the surface areas of the filters you use. For the food sectors, we produce washable dust filters.

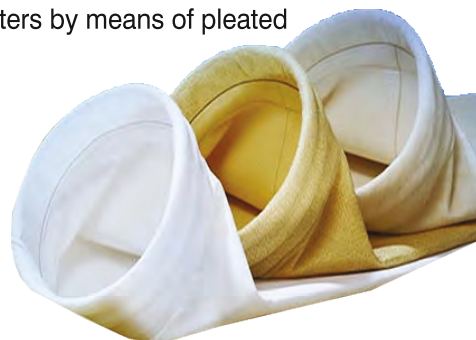
Silo Cartridge Filters

We produce filters to keep the ambient air clean by preventing the spread of dust outside in the filling of cement, stone dust, food, plastic, and various chemical materials that are available in dry powder and granules. Long-life filters with domestic or imported raw materials will enable you to carry on your production without any problems.

Bag Filters

We produce bag-type filters in the desired diameter and size starting from 0.5 microns. We offer you the optimum products for your need by carrying out individual production with the thread stitching technique for dust collection units or with the ultrasonic welding technique for liquid processes. We produce the optimum filters for your liquid processes with monofilament polyester and polypropylene raw materials, along with the antistatic-quality and high heat-resistant (nomex) dust filters.

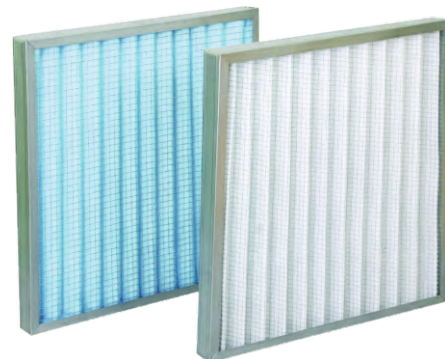
When the dust in the environment is dense and when the dust holding capacity of the existing filters is inadequate, we enhance the dust holding capacity of your system by increasing the surface area of your filters by means of pleated bag filters.



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Panel Filters

Highly efficient filters with coarse filtration with Filter Classes G3 and G4. Besides, filters taking up less room than their equivalents in Filter Classes F7, F8, and F9

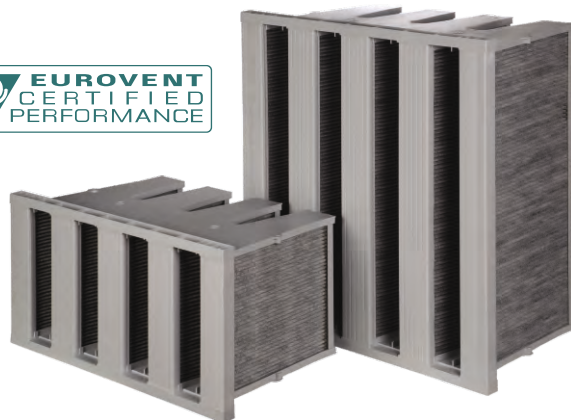


Bag Filters

Long-life filters with a high filtration area in Filter Classes EU4, M5, M6, F7, F8, and F9.

Compact Filters

V-Compact filters with a high filtration area and low initial pressures with Filter Classes M6, F7, F8, and F9.



HEPA Filters

Highly efficient filters with a galvanized casing and an MDF casing with Filter Classes H13, H14, and U15.



EU 3

They are used as dye holders in dyehouses or for preliminary filtering in ventilation systems. They are available in rolls which are 60, 65, 75, 100, 150, and 200 cm in height and 20 meters in length. Fibers in various thicknesses are available in our stock.

EU 4

They are used to function as a coarse dirt holder in ventilation systems and electric panels. They are available in rolls which are 200 cm in height and 20 meters in length. Fibers at the desired grammage are available in our stock.

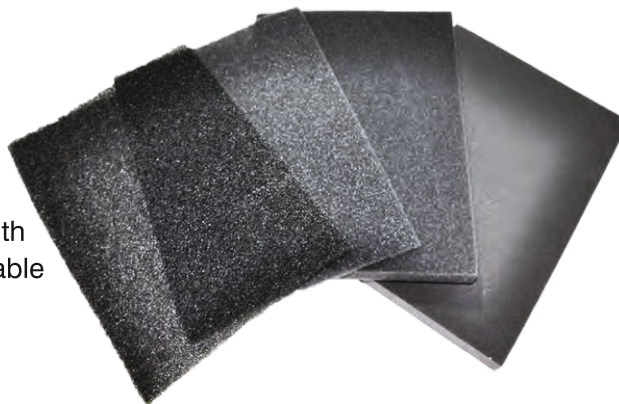


EU 5

They are high density fibers which are used on the ceiling of dyeing booths; the whole surface of which is adhesive-coated; and which are supported with a mat. They are available in rolls which are 100 and 200 cm in height and 20 meters in length.

Technical Foam

It is available in sheets measuring 1.5m by 2m with values of 10, 20, 30, 45, 60, and 90 ppi. It is of washable quality and is used in preliminary filtering.



WHO ARE WE ?

We are a producer firm based in İzmir in the custom-made industrial filter sector. We entered the sector in 2014 by producing those filters which were called impossible to produce and we have reduced external dependency through many R & D projects. By attending many fairs in our sector, we found an opportunity for carrying our products to both domestic and foreign markets. In this process, we have been providing service as a solution partner for many firms that lead their respective sector.

With a production area of 1,000 m2 and young staff, we produce special filters with 80% manual labor. We design the optimum filters for your need and deliver them to you at the soonest time. The filters which are custom-made for your firm are coded with the name of your firm; their technical drawings are performed; and they are produced without any need for any sample or information in your following purchases.

All machines in your firm are examined by our team and the list of all filters you use is given to you free of charge. All your devices are labelled and we enable you to follow the number of filters you use and their durations of replacement via the template we have prepared.

Our R & D Project on EDM Filters

We carried out the R & D project of the filter elements for wire erosion benches, the production of which is unavailable in our country and for which we are externally dependent, with Ege University and TUBITAK (the Scientific and Technological Research Council of Turkey). We take pride in being the only firm that produces EDM filters in Turkey by starting the mass production of this project of ours with the support by KOSGEB (the Small and Medium Enterprises Development Organization).





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📍 Mersinli Mah. 2828 Sk. No:9
Konak / İZMİR - TURKEY

☎ +90 232 461 11 18

✉ info@filtras.com.tr

🌐 www.filtras.com.tr

