

FILTRATION TECHNIQUES

GAS AND ODOR FILTRATION



Complete package of
filter elements & systems



Sustainability in the
filtration process



Reduction in purchase,
waste, and maintenance
costs

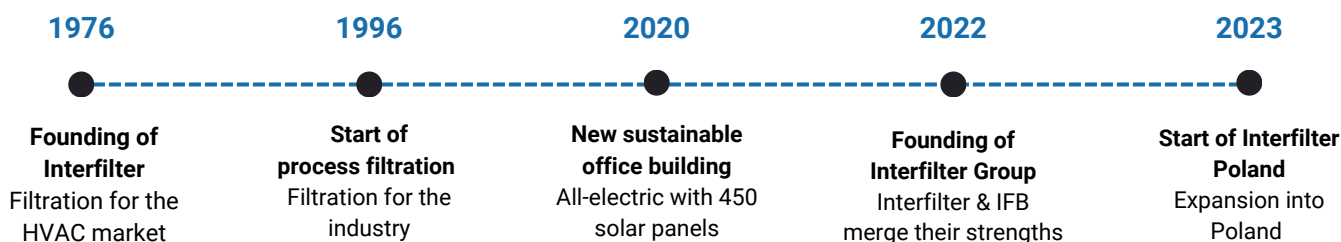
GET TO KNOW INTERFILTER GROUP

Interfilter was founded in 1976 and has since evolved into a total supplier in the field of air, liquid, dust, and gas filtration. With over 45 years of experience in filtration, Interfilter Group provides more than just filters and accessories.

MISSION & VISION

The mission of Interfilter Group is to create a clean environment, now and for the future. For every situation requiring filtration, Interfilter Group offers a solution. Interfilter strives for the ultimate customer experience and sustainability in the products and services it delivers. This is why we stand for "Filtration for our Future." With this vision, we have grown into a leading supplier in the market.

ABOUT US



Partnership with Interfilter Group



Intensive Partnership

There is always a dedicated and trusted team available for you, with a strong focus on your needs.



Optimization, cost reduction, and engineering

Together, we aim for optimization and the most sustainable solution for your specific situation.



Superior logistics

Your order is packaged per destination and delivered just-in-time thanks to our own production and large stock in the Netherlands.



Sustainable products, services, and innovations

Thanks to our innovative nature, we deliver the most sustainable products and services.



FILTRATION FOR GAS AND ODOR

Production of Gas and Odor Media

Interfilter supplies various types of filter media for capturing unpleasant and/or harmful gases. The media is produced in Europe, which significantly lowers the CO2 footprint of the final product compared to products manufactured outside Europe. By making optimal use of local raw materials, price stability can also be maintained, which is not achievable with products from distant sources.

Forms of Gas and Odor Media

Depending on the production process, chemical filter media are supplied in the form of pellets or beads. Pellets are typically composed of activated carbon and/or zeolites. The beads are primarily made of activated alumina, with or without carbon.

Advantages of Our Gas and Odor Media

The pellets we supply to prevent corrosion are shorter than the typical pellets available on the market. As a result, their pressure drop is as close as possible to that of the beads. Both the pellets and beads offer similar capacities and reaction speeds. Although some customers specify activated alumina beads, the use of zeolites allows for a reduction in the CO2 footprint of the filter media, as well as offering more stable and competitive prices by utilizing local raw materials.

APPLICATIONS IN SEGMENTS

Data Centers

Gas and odor filters are designed to eliminate harmful gases, vapors, and odors, which is essential for maintaining a clean environment free from corrosive or otherwise harmful gases.

Museums and Archives

Gas and odor filters help remove harmful gases and odors from the air, which is particularly important in environments where organic materials are stored and preserved, such as museums and archives.

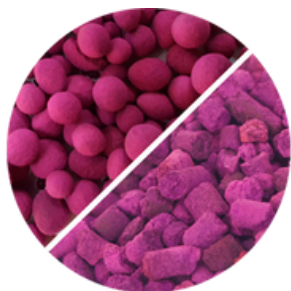
Office Buildings

Ideally, gas and odor filters are placed behind bag filters to keep harmful gases out of office spaces. These filters capture specific contaminants such as odors and volatile organic compounds, resulting in fresher, cleaner, and healthier air.

Food Industry

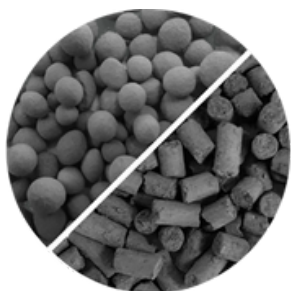
Activated carbon filters are used to remove unwanted tastes, odors, and colors from liquids and gases. Additionally, certain air quality standards must be met in the food industry for products to be sold, which makes the use of gas and odor filters critical.

A SELECTION OF CHEMICAL FILTER MEDIA TYPES



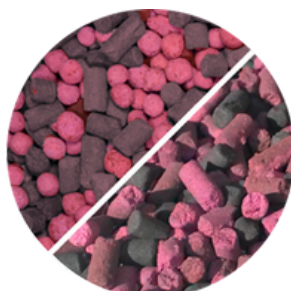
ALPHACHEM 8/8P

Description: Filter media based on activated alumina beads or zeolite pellets, impregnated with 8% potassium permanganate to remove sulfur oxides, nitrogen oxides, hydrogen sulfide, ethylene, and oxidizable gases in general.



ALPHACHEM 15/15P

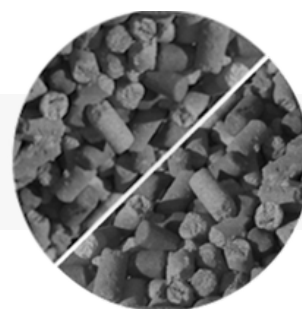
Description: Filter media based on activated alumina beads or zeolite granules, impregnated with a caustic agent and an absorption capacity of more than 35% by weight for H₂S. It is used to remove acidic gases in general. The main feature is the high reaction speed, making it ideal for modules such as our KG12 or KG18 when the concentrations of the contaminants to be captured are relatively high.



ALPHACHEM 8A/8PA

Description: A mix of ALPHACHEM 8/8P and standard activated carbon for removing a wide range of gases. It is widely used in all markets where issues arise with a broad coexistence of gases.

A SELECTION OF CARBON TYPES



ALPHACARB BG ECO

Description: Caustic-impregnated filter media based on activated carbon with an H₂S removal capacity of 25% of the weight. The main feature is the competitive price for such quality.

ALPHACARB BG ULTRA

Description: Filter media based on activated carbon that achieves a 65% capacity for H₂S removal through a special production process.

ALPHACARB BGS

Description: Filter media based on activated carbon, specifically for biogas purification. It achieves a 70% capacity for H₂S removal, even with oxygen concentrations below 1%.

ALPHACARB 60

Description: Bituminous activated filter medium based on carbon with CTC 60. Specially designed for the removal of VOCs, siloxanes, as well as for the adsorption of a wide range of gases.



**Stay up to date with developments
in filtration.** Scan the QR code and
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