


PI 2262

For technical personnel only!

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PRODUCT INFORMATION

BIOFUNCTIONAL CABIN FILTERS

CLEAN AIR TO PROTECT VEHICLE OCCUPANTS

Motorservice has added biofunctional cabin filters from the quality brand Kolbenschmidt to the product portfolio and is constantly expanding the range.

As a result, these interior air filters can ensure perfect air purification in 87 million vehicles worldwide.

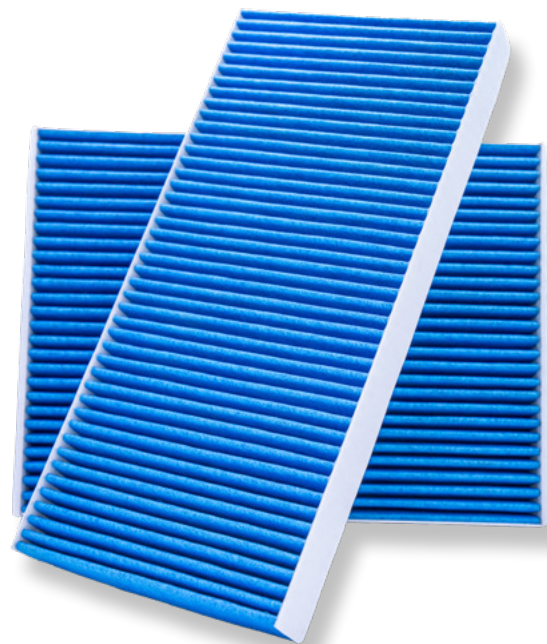
The multi-layer filter cleans the outside air drawn in by the interior fan before it makes its way inside the vehicle.

In addition to regular air pollution such as dust or exhaust gases, the three layers also filter out contaminants including allergens, pollen and mould spores, while a coating inhibits the growth of bacteria and mould.

The biofunctional filters therefore offer a high level of protection for vehicle occupants, including allergy sufferers and asthmatics.

Moreover, the filter protects the evaporator in the air conditioning system from dirt and dust.

It is important to replace the filter regularly – this not only helps ensure the health and well-being of the vehicle occupants, but also the durability of the entire air conditioning system.



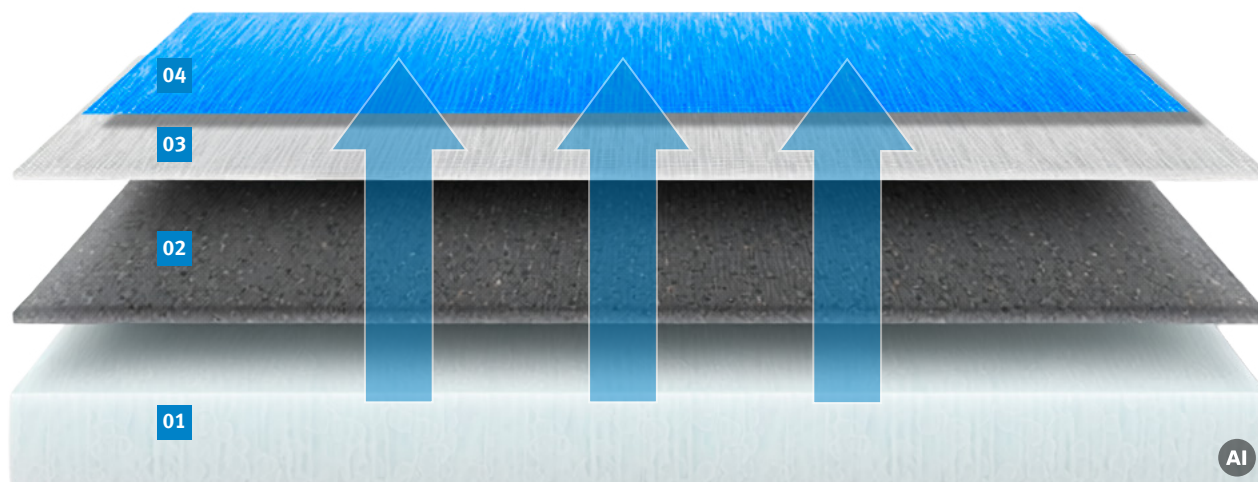
When seated, an adult person breathes between 400 and 500 litres of air per hour. Severe air pollution can occur in certain locations, particularly in road traffic. This makes a high-quality, effective interior air filter essential.

All content including pictures and diagrams is subject to change. For assignment and replacement, refer to the current catalogues or systems based on TecAlliance. Names, descriptions and numbers of engines, vehicles, products, manufacturers etc. are mentioned solely for the purpose of comparison.

Spare parts. Anywhere. Anytime.



SCHEMATIC VIEW OF THE BIOFUNCTIONAL INTERIOR AIR FILTER



The biofunctional cabin filter consists of three layers:

- The **particle filter layer (01)** protects against large and small particles, from coarse dust to fine dust, as well as pollen, tyre abrasion and much more.
- The **activated carbon layer (02)** stops bad odours and harmful gases such as ozone and nitrogen oxide (NOx).
- The **biofunctional layer (03)** stops contaminants such as allergens and minimises the growth of bacteria and mould on the filter surface thanks to an additional **coating (04)**.

OUR CURRENT PRODUCT PORTFOLIO FOR BIOFUNCTIONAL CABIN FILTERS:

Item no.	Ref. no.*	Manufacturer	Example applications
50019160	1EA 819 669	Audi, Cupra, Škoda, VW	Electric EDFB/EDCC/EBJA
50019220	1K1 819 669	Audi, Seat, Škoda, VW	1.2 TSI/1.4 TSI/1.6 TDI/2.0 TDI
50019221	5Q0 819 669	Audi, Cupra, Škoda, VW, MAN	1.5 TSI/2.0 TDI/2.0 TSI
50019222	6R0 819 653	Audi, Seat, Škoda, VW	1.0 TSI/1.2 TSI/1.2 TDI
50019223	97133-D1000	Hyundai, Kia	1.6 MPI/1.6 CRDi/2.0MPI
50019224	97133-L1100	Hyundai, Kia	1.6 T-GDi/EV/2.2 CRDi
50019225	97133-M5000	Hyundai, Kia	2.2 CRDi/2.4 GDi/3.0 MPI/3.3 T-GDi
50019226	97133-D4100	Kia	1.6 T-GDi/1.6 CRDi/2.0 CVVL
50019227	97133-K4000	Hyundai, Kia	1.6 CRDi/1.6 Gdi/2.0 GDi
50019228	87139-YZZ33	Toyota, Mazda	1.5 Hybrid/1.8 VVTi/2.5 Hybrid
50019229	64 11 5 A30 A93	BMW	Electric HA0002N0

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*The reference numbers given are for comparison purposes only and must not be used on invoices to the consumer.