



**Blue.care+**

## Clean air for a safe ride.

In normal operation, a car's ventilation system draws around 300,000 liters of air into the vehicle interior every hour, along with pollutants, allergens and odors from the immediate surroundings.

Astonishing, but proven: Vehicle occupants can be up to five times more polluted than passers-by on the roadside. The importance of air quality in the passenger compartment for health and driving safety is immense.

Pleasing: Blue.care+ cabin air filters significantly reduce the pollutant load of fine particles (PM<sub>2.5</sub>) and thus contribute to a healthy and hygienic climate in the vehicle.

**Our tip: Replace the cabin air filter once a year or at least every 15,000 km to ensure optimum ventilation.**

## Your advantages at a glance:

- Almost 100% of nitrogen oxides, viruses and allergens are bound
- Viruses are rendered harmless directly in the filter medium, so the filter can be changed without hesitation
- Ideal protection against hay fever triggers in the ambient air
- Resistant to molds, bacteria and viruses
- Fine dust pollution in the interior is almost stopped
- Increased safety and well-being while driving
- Available for all leading vehicle manufacturers and common series models
- Independent testing institutes have comprehensively tested the functionality of Blue.care+ cabin air filters in accordance with DIN ISO 846 and ISO 18184



Do you have further questions or are you looking for the right filter applications? Just send an e-mail to [aftermarket@hengst.com](mailto:aftermarket@hengst.com) – we will be happy to contact you!



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**New: Against viruses and nitrogen oxides**

## Safety on every kilometer.

**Antiviral and biofunctional: the new Blue.care+ cabin air filter**



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## The whole world of filtration.

As a family-owned company with around 3,500 employees at over 20 locations, Hengst Filtration stands for innovative solutions in filtration and fluid management worldwide.

Our products contribute millions of times over to making the world a better place. But we can do even better. We think filtration – in everything we do. We supply technologically leading filters and filtration systems to the independent aftermarket as well as to the plant and mechanical engineering, industrial filtration, hydraulics and healthcare sectors.

Our customized solutions are used in on- and off-highway vehicles, medical cleanrooms, air conditioning systems, industrial plants, power tools and robots.

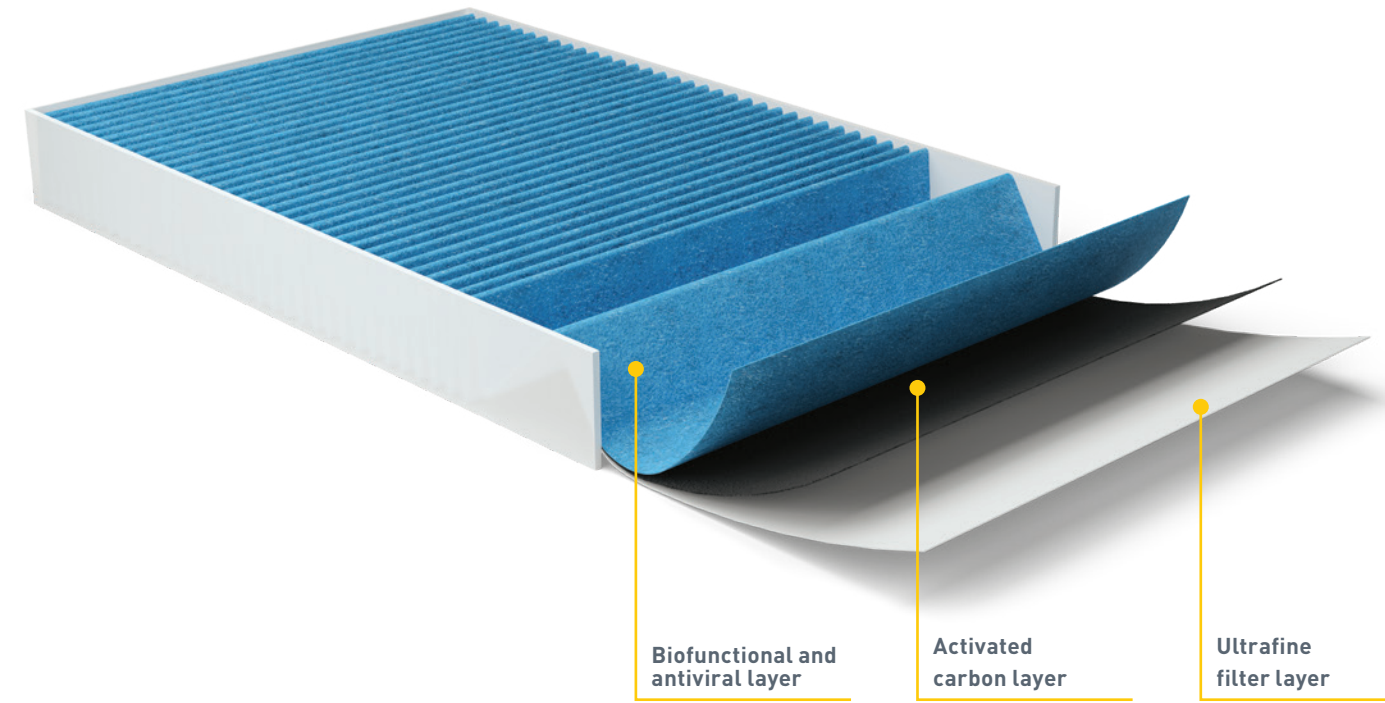
We are a series supplier to the international vehicle and engine industry and a development partner for sustainable drive and mobility concepts.



## Making our planet a purer place.

Mobility, health, economy, environmental protection & sustainability: we work on the big issues of our time every day. And with the aim of making the planet a cleaner place. In doing so, we make future-oriented technologies possible in all sectors worldwide.

## The structure of the Blue.care+ filter:



## Overview of cabin air filters:

Function	Blue.care+	Activated carbon filter	Pollen filter
Filters viruses, nitrogen oxides, molds and spores	✓		
Neutralizes allergens and bacteria	✓		
Filters bad-smelling and hazardous gases (ozone, smog, exhaust)	✓	✓	
Filters fine dust (PM <sub>2,5</sub> µm up to 99%)	✓	✓	
Filters pollen and fine dust (PM <sub>10</sub> µm up to 99%)	✓	✓	✓
Protects your air conditioner	✓	✓	✓

## 7-fold protection for healthy and clean air.



### Viruses

Blue.care+ has an antiviral effect, which is achieved through a special filter layer. This filter layer has been proven to be able to effectively inactivate viruses which has been confirmed by international test laboratories. Blue.care+ therefore actively protects against the transmission of viruses and contributes to a safe environment.



### Pollen

One in five people suffers from a pollen allergy – and allergies are increasing. More and more children are among the sufferers. Dripping noses and watery eyes can also noticeably affect the driver's attention. Blue.care+ protects you from allergens that common filters can't block!



### Fine dust

Fine dust particles can significantly affect our health. They can penetrate deep into your bronchial tubes or even get into your blood stream. But there is a way to effectively protect yourself: Blue.care+ filters stop almost all fine dust.



### Nitrogen oxides

The Blue.care+ actively contributes to protection against nitrogen oxides in the vehicle interior, by effectively binding nitrogen oxides (NO<sub>x</sub>) in its activated carbon layer. This leads to a noticeable improvement in air quality and creates a healthier and more pleasant and more pleasant interior climate for the vehicle's occupants.



### Mold and spores

Mold spores that can have an effect on our health are all around us. They spread even more quickly when the weather is moist and warm. Blue.care+ protects you from mold and mold spores.



### Bacteria

An infinite number of types of bacteria are in the air all around us. Thanks to a specialized coating, Blue.care+ filters are resistant to bacteria. This helps them maintain their filter function at all times – for healthy air in your vehicle's interior.



### Odors

Whether you're in a tunnel, near a freshly fertilized field, or driving by a purification plant or construction site: No one wants to have unpleasant smells in their vehicle. Blue.care+ protects you even from pungent or acrid ammonia and sulphur gases.

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