Cabin filters

April 2018



FOR THE WELL-BEING OF PASSENGERS

by filtering even the smallest particles

down to **1** micron



PRODUCT ADVANTAGES

- → ***Technology adapted* to each type of vehicle (particle or carbon filter) and to market demand**
- → ***The vehicle applications are detailled on the label along with the position of the cabin filter in the vehicle***
- → ***Packaging*: the air-tight plastic bag preserves the filter's characteristics**

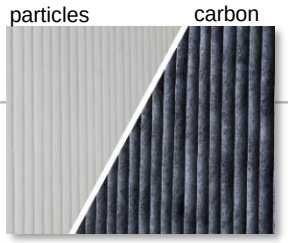
The cabin filter has three functions:

- **Security,** by supporting the demist/defrost of the windscreen;
- **Health,** by improving the air quality inside the passenger compartment by filtering pollution and pollen;
- **Comfort,** by limiting the introduction of unpleasant external smells in the passenger compartment.

With a range of **191 references covering over 90% of the vehicles on the road in Europe**, the range of Eurorepar cabin filters has been developed to offer you the highest possible level of satisfaction.

The quality of a cabin filter is measured by its **capacity to prevent the introduction of particles** and, in the case of carbon filters, **gases** as well as its service life.

TECHNICAL CHARACTERISTICS



The air can be up to 5 times more polluted inside a vehicle than outside.
The cabin filter helps reduce the concentration of pollutants.
There are **2 types of cabin filter in the Eurorepar range**:

- **particle filter (formerly called pollen):** retains dust and other harmful particles.
- **carbon filter (also called active carbon)**: more elaborate, in addition to particles retention, it also limits the introduction of gases and unpleasant external smells.

REGULATIONS

Compliance with the following certifications: **Certifications 9001 and IATF 16949**

RECOMMENDATION FOR REPLACEMENT

- **Once a year or every 15,000 km**
- A more regular replacement may be necessary for vehicles submitted to a severe driving environment in terms of pollution, dusts…

BEST PRACTICES

Cabin filters often represent an **additional sale** during a visit to the workshop. Remember to check the date of the last replacement.

Premature or persistent misting? Change the cabin filter!

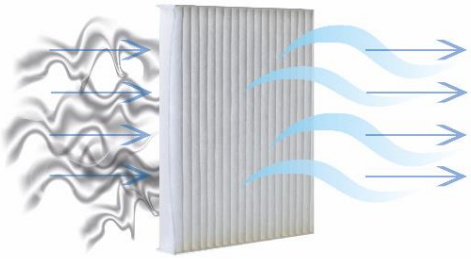


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PERFORMANCE

The performance of a filter is mainly evaluated by:

- **its capacity to prevent the introduction of particles** (% of particles between 0.5 and 1 µm retained) and, in the case of carbon filters, **gases** (% Nox, etc.);
- **the preservation of the air flow** from the air-conditioning (comfort of the air-conditioning);
- **the preservation of the filter's efficiency** throughout its service life



It is the balance between these criteria which determines the quality of a filter.

PARTICLE FILTER	EUROREPAR	Competitor 1 premium	Competitor 2 private label	Competitor 3 private label
% of 0,5 – 1 µm particles retained	★★★★	★★★★	★★	★
Air Flow	★★★	★★	★	★★★★
Durability	★★★	★★	★★★★★	★

CARBON FILTER	EUROREPAR	Competitor 1 premium	Competitor 2 private label	Competitor 3 private label
% of 0,5 – 1 µm particles retained	★★★	★★★★	★	★★
Air Flow	★★★	★★	★	★★★★
Filtration efficiency	★★★★	★	★★★	★★
% of gas retained	★★★	★★★★	★★	★

DID YOU KNOW?

A **clogged filter causes premature misting** and thus increases demands on the ventilation system.



DID YOU KNOW?

- Cabin filters can have an **important impact on the health of the driver and the passengers**, especially on anyone suffering from asthma or allergies.
- The quality of the air in the passenger compartment also has an **impact on the driver's feeling of tiredness.**



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