



# Original Iveco Filters



**Ultimate Protection,  
Optimum Performance.**

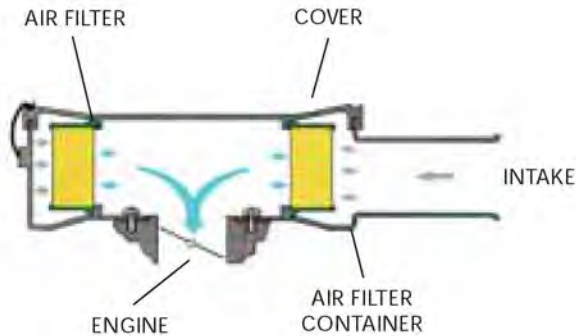
**IVECO**  

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**PARTS**

# Air Filters

Internal combustion engines consume large quantities of air, which has to be filtered in order to guarantee the proper functioning of the system and correct fuel consumption. Air filters are the lungs of the vehicle and are designed to perform its tasks under a wide variety of environmental conditions.



**Air Filtration**

The gradual clogging of the air filter reduces engine performance because it decreases the necessary air flow and produces a richer air-fuel mixture that causes the exhaust of unburnt fuel in the form of black smoke. To prevent this from happening, the air filter should be replaced periodically.

# Original Iveco Filters

**Iveco Daily air filters offer high-level performance.**

- Capturing a high quantity of dust with **99%** efficiency (capturing up to 1300 g of particles).
- Preserving pressure drop, power reduction, pollution and excessive fuel consumption due to dust accumulation.

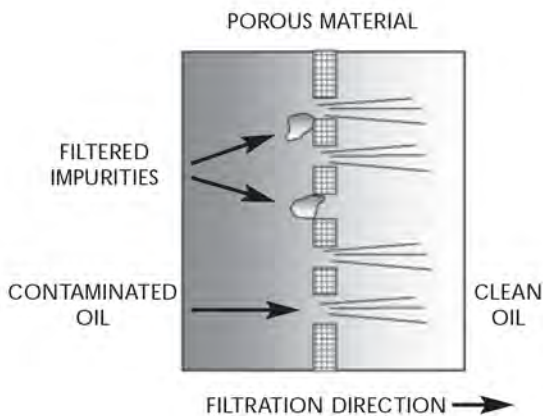
The production of high quality air filters requires extensive industrial know-how, cutting edge technology and top quality filter materials.

**Fibre compound used in air filters**



# Oil Filters

The oil collects metallic particles from the engine wear and combustion residue (carbon, silicates, etc.). The oil filter is assembled on the lubrication system to retain these particles, allowing optimal lubrication and preventing premature engine wear.



## Oil Filtration

Oil is filtered by passing through a porous medium that retains the impurities that obstruct these same pores of the filtering material, reducing its permeability. This is why the filter must be replaced periodically.

# increase performance

Iveco Daily oil filters meet the ever-increasing demands of modern engines.

- Longer oil change intervals, with increasingly smaller filters.
- Resistance to new synthetic oils.
- Stricter anti-pollution regulations.
- High thermal, chemical and mechanical demands.

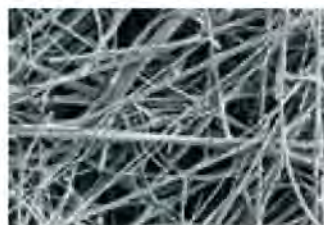
Adding up to increasing demands for higher efficiency and filtration levels: up to **97%** filtration efficiency for particles over 30 microns.

The filter material developed for Euro 3 and Euro 4 oil filters resists aging, **increasing the life of the filter and lengthening the period of time between oil changes**. In fact, it is not made only of cellulose, but rather a **high-performance synthetic** blend that lasts for up to **80,000 km**.

Cellulose Fibre



Synthetic Fibre



## Cellulose Fibre – Synthetic Fibre

Photographs of samples (with identical resolutions) filter materials in synthetic and cellulose fibres. The synthetic fibre is composed of much thinner filaments than cellulose, **giving it a lower porosity per surface area and the capacity to filter a higher number of polluting particles**.

# Fuel Filters

The fuel must be filtered to eliminate contaminating elements that may cause engine arrest or serious damage to the injection system. Diesel filters are also essential because they separate the drops of water present in the fuel.



**Daily S 2000**  
pn: 2992300 - Euro 3 (F1A and F1C)



**Straight pleating**



**Chevron Pleating**

## Iveco Daily diesel filters

The Iveco diesel filters, with high-water separation capacity, protects the direct injection system of modern diesel engines and are designed to eliminate water particles found in the fuel.

# and reduce consumption.

Needed in the past, but is even more necessary today because of recent common rail fuel injection systems and fuel pumps.

Diesel filters are made of multilayer filter material: the upper layer retains the larger particles, while the lower layer retains the finer particles. This technology assures a better performance and contains 100% of the particules larger than 7 microns.

**Iveco Daily fuel filters are compatible with all the new high-pressure injection systems.**

- Injection pressure from 1500 to 2000 bar.
- Higher flow than with the traditional system.
- Longer time between replacements, with increased demand for reliability.
- Multifunction system (sensors, heaters, fuel recirculation, water discharge).
- Separation of water and of initial impurities.
- **High reliability and filtration capacity: up to 99% efficiency for particles larger than 5 microns.**

The fuel filter 29923009 is adapted with a **Chervon** Pleating which guarantees **20% duration increase of the filter with one of equal volume**. The parallelism of this technology with multi layer material, increases the filtration efficiency and capacity, lengthening the replacement times and optimizing vehicles from stopping.

**Chevron Pleating**



# Why use Original Iveco Filters?

## Air Filters

- Conformed to the highest quality standards and produced with excellent materials.
- Tested with rigorous control systems, guaranteeing that dirt, dust and small particles even microscopic, can't gain access into the engine.



## Oil Filters

- Produced with top quality elements – paper with the right degree of porosity, suitable gaskets and strong springs. Guaranteed to protect your engine and keep it running smoothly.
- Filters must be replaced at least once a year to guarantee a long engine lifespan.

## Fuel Filters

- Featuring innovative Chevron Pleating, optimizing long-term performance.
- Periodically replace filters in order to guarantee quick cold starts and correct fuel flow.

**... your vehicle  
in good hands.**

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