

# OIL FILTERS



[www.ufilters.com](http://www.ufilters.com)



## THE GROUP BY NUMBERS



1972

Founded in **1972**, it's now a world leader in filtration technology.



10

**10 application sectors:** from automotive (LV/HD), industry and hydraulics to special applications.



4.000

Over **4,000 employees** and **14 production plants** in **12 countries** worldwide.



F1

Present everywhere, from **Ferrari** racing cars to the other **F1 teams** and the **ExoMars** spacecraft.



1°

It's one of the main suppliers of filtering systems for **OEMs**, and a world leader in diesel filtration.



180

**180 specialised technicians** in the innovation and development centers in Italy and China.



114

**114** international **patents**.



5%

**5%** of proceeds reinvested in **R&D**.



6

**6 lines of filters supplied:** air, oil, fuel, passenger compartment, hydraulics and coolant.



>96%

The IAM range, with over 2,700 references, covers more than **96% of the European car** fleet in each line.

# THE MOST INNOVATIVE FILTRATION SYSTEMS



## OIL FILTRATION

In recent years, technological evolution has led to engine performance increase, with a parallel reduction of fuel consumption and pollutant emissions, to respect the increasingly demanding environmental regulations (Euro 6 and Euro 7 in the future).

At the same time, there are **new technological issues** to be solved that derive from the following aspects:

- New “long life” oils.
- Presence of “soot” and biofuels dissolved in oil.
- Tougher operating conditions.
- Longer service intervals.

To ensure the proper engines’ working conditions, **UFI Filters Group** has developed **new filtering solutions**, with filtering media composed of glass fibers and synthetic materials, which interact with all engine fluids and their contaminants.

The correct cartridges dimensioning allows reaching the **maximum level of filtering efficiency** and prevents the **premature clogging of the filter**.

Imposed targets are achieved with the development of **“green” oil modules** that limit the environmental impact and allow the integration of several functions, with the aim of **reducing engine size and weight**.





## PLASTIC HOUSING

The adoption of heat stabilized and hydrolysis resistant polymeric blends, reinforced with glass fiber, guarantee:

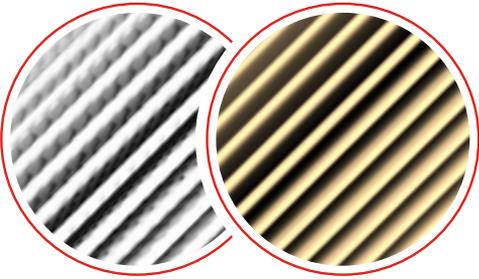
- + Important weight reductions.
- + High heat and chemical agents resistance.
- + Excellent structural and fluid dynamic performances.

## ALUMINUM HOUSING

The use of different aluminum alloys and new engineering and moulding technologies, offer:

- + Higher structural resistance.
- + Excellent heat and chemical agents resistance.
- + Production of components with precision machining.



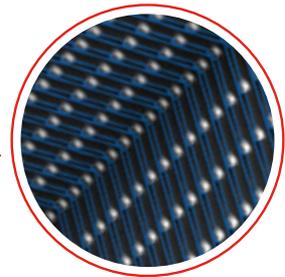
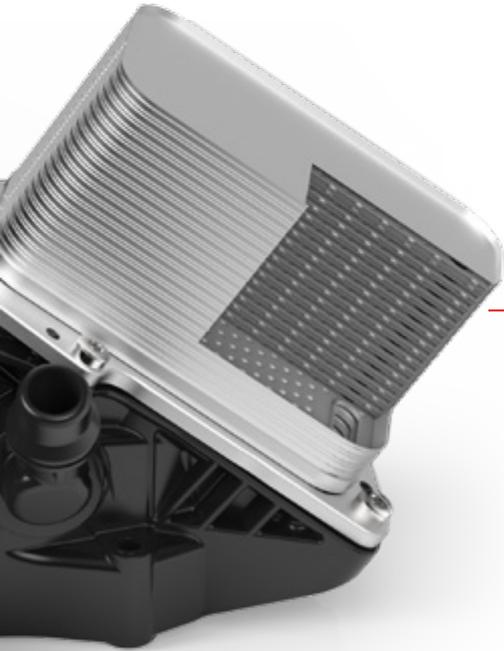


## SYNTHETIC OR GLASS FIBER MEDIA

- + Demanding applications.
- + Filtering performance: 50% filtering capacity up to 4  $\mu\text{m}$ .
- + High dust retaining capacity.
- + Excellent chemical compatibility and pressure resistance.

## CELLULOSE-BASED FILTERING MEDIA

- + Wide range of applications.
- + Filtering performance: 50% filtering capacity up to 8  $\mu\text{m}$ .
- + High dust holding capacity.
- + High chemical compatibility and pressure resistance.



## HEAT EXCHANGER

Innovative and performant turbolators, optimized heat exchange packages and cutting-edge technology such as the 'vacuum brazing', guarantee:

- + Excellent heat exchange.
- + Reduced pressure drops.
- + Cleanliness and absence of defects.

# AFTERMARKET OIL FILTER RANGE

THE SOFIMA RANGE OF OIL FILTERS COUNTS FOR MORE THAN 550 REFERENCES AND GUARANTEES A EUROPEAN CAR PARC COVERAGE OF OVER 98,5%.



**SOFIMA FILTER, CHOSEN BY THE BEST.**

For further information, please see the online catalogue at:  
[www.sofima-aftermarket.com/catalogue](http://www.sofima-aftermarket.com/catalogue)



Cod. 09.92.350.115



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