



THE NEW GENERATION OF DIESEL FILTERING



www.ufilters.com



THE GROUP IN NUMBERS



1972

Founded in **1972**, SOFIMA Filter is a global leader in filtration technology.



10

10 areas of application: from the automotive (LV/HD), industrial, hydraulic, to special applications.



4.000

The company has more than **4,000** employees and **14 manufacturing facilities** in **12 countries** worldwide.



F1

The products and know-how are to be found in everything from **Ferrari** and other top **F1 teams** to the European **ExoMars** spacecraft.



1°

Leading supplier of filtration systems for the **OEM market**, and world leader in diesel fuel filtration.



180

180 specialist technicians in the Innovation and Development Centres in Italy and China.



114

114 patents worldwide.



5%

5% of revenues reinvested in **Research and Development**.



6

6 families of filters supplied: air, oil, fuel, cabin, hydraulic and coolant.



>96%

The IAM offering, with more than 2700 products, covers more than **96% of vehicles on the road in Europe**, from all families.

WATER SEPARATION IN DIESEL FILTRATION



PROBLEM

- Presence of water in the fuel
- Biodiesel
- Less sulphur content causing greater bacteria build-up

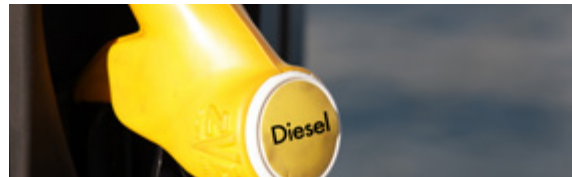


Sludge that clogs the filter



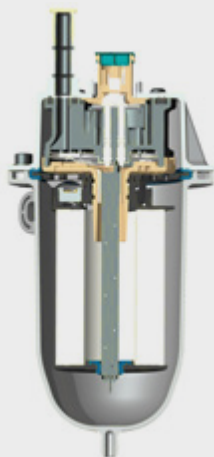
SOLUTION

The diesel filter is an essential component for the good maintenance and operation of a vehicle and, as already known, the percentage of water in the fuel is particularly harmful to the common rail injectors operating under high pressure. Because of this, **SOFIMA Filter**, leader in the production of filters designed for **Original Equipment (OEM)**, **Original Equipment Supplier Parts (OES)** and Aftermarket, recommends to always choose **original, patented and guaranteed products**.



FILTERING ELEMENT S 6052 NE WITH DOUBLE PATENT

FILTERING ELEMENT

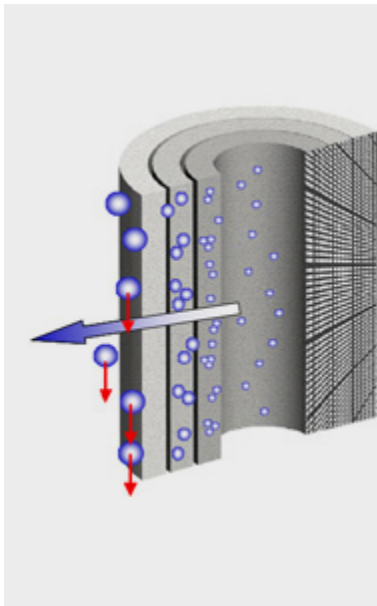


DISTINCTIVE FEATURES

- Water-diesel **separation capacity of more than 95%** according to ISO 16332.
- **High filtering performance:** up to 4 μm for corpuscular particles.
- **100% environmentally-friendly:** made of recyclable materials.
- Keeps the filtering capacity **unaltered** up to high mileages.
- Depth septum with **graduated porosity**.
- Water - diesel separation through **coalescence**.



SOFIMA'S EXCLUSIVE TECHNOLOGY



DEEP FILTRATION MEDIA

The **SOFIMA Filter** research laboratories have developed a filtering medium made of synthetic material - composed of polymers - forming a depth septum characterized by a gradient of graduated porosity. The deep filtration effect, combined with the particular type of polymer used, facilitate the coalescence effect.

Coalescence is achieved due to the variation of the speed of the fluid passing through the filtering medium. This process determines the separation of the water particles from the diesel fuel which subsequently combine and form large drops falling on the bottom of the filter.



PACKAGING

Due to a specific and dedicated package, **SOFIMA Filter** guarantees that the external surface of the cartridge stays intact and contaminantfree at all times, until mounting.

MAIN APPLICATIONS

ALFA ROMEO	Giulietta (940) 1.6 and 2.0 JTDm-2	01/12 →
CHRYSLER	Ypsilon 1.3 Multijet	11/11 →
FIAT	500 L (330) 1.3 and 1.6 Multijet	07/12 →
	Doblò (152) 1.3, 1.6 and 2.0 Multijet	11/11 →
	Doblò Cargo (263) 1.3, 1.6 and 2.0 Multijet	11/11 →
	Ducato (MY.2006) 2.3 JTD	12/11 →
	Panda (319) 1.3 Multijet Start / Stop	01/12 →
	Tipo (356) 1.3 and 1.6 Multijet	10/15 →
JEEP	Renegade (BU) 1.6 and 2.0 Multijet II	07/14 →
LANCIA	New Ypsilon (846) 1.3 JTDm	11/11 →
MASERATI	Ghibli 3.0 V6 Diesel	06/13 →
OPEL	Combo D (X12) 1.3, 1.6 and 2.0 CDTI	02/12 →
VAUXHALL	Combo Mk3 (X12) 1.3, 1.6 and 2.0 CDTI	02/12 →

ORIGINAL REFERENCES

FIAT	77366607
GENERAL MOTORS	95516002
MASERATI	673001463
OPEL	818025

Fleet of vehicles in Europe
>300.000
 vehicles in 2016

SOFIMA FILTER, CHOSEN BY THE BEST.

For further information, please see the online catalogue at:
www.sofima-aftermarket.com/catalogue



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