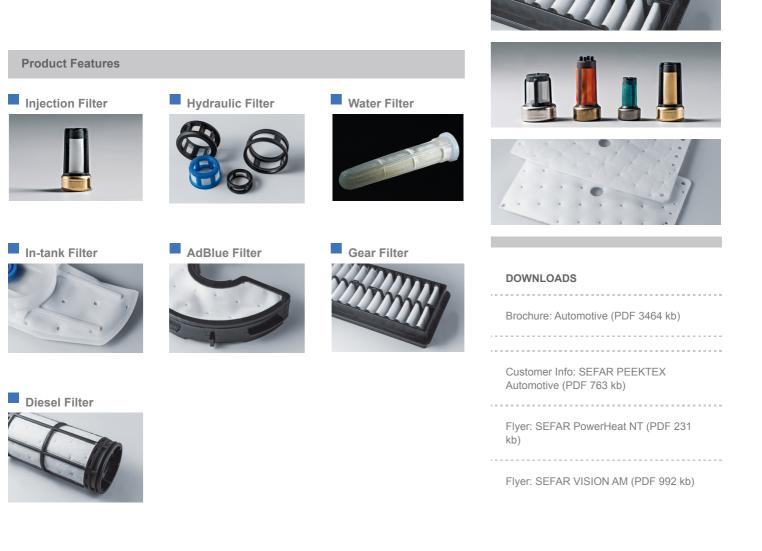


# Automotive filters

Automotive filters are designed to protect relevant mechanical and electronic components parts in the automotive sector. Sefar offers highly precise woven screens in monofilaments for applications such as security filters for valves, pumps and sensors. We can also supply depth filters where high dust holding capacity is needed.



#### **Injection filters**

Sefar Inc.

#### For fuel, CNG and AdBlue / SCR filters



Highly precise and secure filter

screens in a wide range of pore sizes

Excellent thermal and chemical

resistance

- Best possible flow rate
- Customer-specific colors
- Best processability
- SEFAR NITEX (PA), SEFAR

PEEKTEX (PEEK) screens

.....

#### Filters for hydraulic systems

For hydraulic brake filters, transmission filters, power steering filters and hydraulic cartridge systems:



Highly precise and secure filter

screens in a wide range of pore sizes

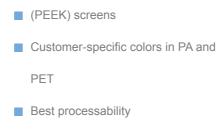
Excellent thermal and chemical

resistance

- Best possible flow rate
- SEFAR NITEX (PA), SEFAR PETEX

(PET) and SEFAR PEEKTEX

#### Sefar Inc.



Filters for the water system

We provide products for windshield wipers and water reservoirs:



Best processability

#### In-tank fuel pump filter and in-tank diesel filter

Sefar Inc.

111 Calumet Street Buffalo, NY 14043 – USA Phone 800 995 0531





- High mechanical and chemical stability
- High capacity on defined particle size
- Best processability
- SEFAR ACCUFLOW, SEFAR TETEX

MONO, SEFAR NITEX

#### AdBlue / SCR / DEF- Filters and sensor filters

Products to protect the AdBlue pump module, injection system and sensors in diesel exhaust conditioning.



High mechanical and chemical

stability

- High capacity on defined particle size
- Best processability
- SEFAR ACCUFLOW, SEFAR TETEX

MONO, SEFAR NITEX

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#### Transmission, gear oil filtration

Sefar Inc.

Suction and pressure filters manufactured using our open mesh fabrics combined with a wide range of depth media provide the ultimate filtration protection.



- Customer-specific solutions
- Combination of non-woven and

woven fabric

- Open mesh for pleated elements
- Open mesh for last chance filtration

**Diesel water separation** 

SEFAR ACCUFLOW is the top choice for coalescing, while an open mesh filter with a special hydrophobic treatment is best for water separation.



- SEFAR ACCUFLOW depth media for coalescing
- SEFAR PETEX (PET), SEFAR
  - NITEX (PA) hydrophobic range for
  - water separation
- In-house media testing (based on

ISO 16332)

#### Sefar Inc.

# SEFAR

| Certificate IATF 0486730<br>Certificate HU17/8018.01                               | SGS |
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| Sefar AG   |     |
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| For the following Scope  |     |
| Design and nanufacture of filter needs, components and technical functional needs. |     |
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| EXCLUSION Non  |     |

#### IATF 16949 Automotive

Sefar's manufacturing system is geared towards providing lot-to-lot repeatability for critical parameters. This consistent quality allows automotive injection molders and filter element manufacturers to easily incorporate Sefar products into their manufacturing processes.

Your Benefits

## Inherent material properties

- Good replacement for metal filters (thermal and chemical resistance)
- Easily molded (handling properties of synthetic fiber vs. wire)
- Consistent quality (IATF 16949)
- Useable in extreme temperature ranges and chemically aggressive environments

(PEEK fabrics)

Variety of conversion configurations

.....

#### **Open mesh fabrics**

- Exact and repeatable screening properties (high precision mesh opening)
- High flow rates (low pressure drop, maximized open area by use of fiber down to

24µm)

Sefar Inc.



Adjustable hydrophobic levels, ranging from 100 to 135 degree contact angle

(surface modification)

Maximum technical range (materials, diameters and weaving patterns)

.....

#### **Closed mesh fabrics**

- Highly efficient particle retention (closed mesh)
- Optimized flow rates
- Cleanliness (smooth surface)

.....

#### **Depth filter material**

- Lower power consumption and minimal space requirement (low pressure drop)
- Protects pump systems (high particle retention capacity)
- Useable with all fuels and most liquids (elevated temperature fuel tests)
- Excellent bonding uniformity (latest ultrasonic bonding technology)
- Depth filter material for high capacity (60 µm material) applications
- Depth filter material for high efficiency (30 µm material) applications
- Proven test results for flat or converted materials (external approved test labs)
- Available as roll goods or ribbons for injection molders

#### Locations

#### Sefar Inc.

# SEFAR











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