

# SEFAR® ACCUFLOW<sup>2</sup> (the 2nd Generation)

## SIMPLY EXPECT MORE

SEFAR® ACCUFLOW<sup>2</sup>  
07-470-30  
07-575-60

**Better Efficiency**

**Better Capacity**

**Better Differential Pressure**

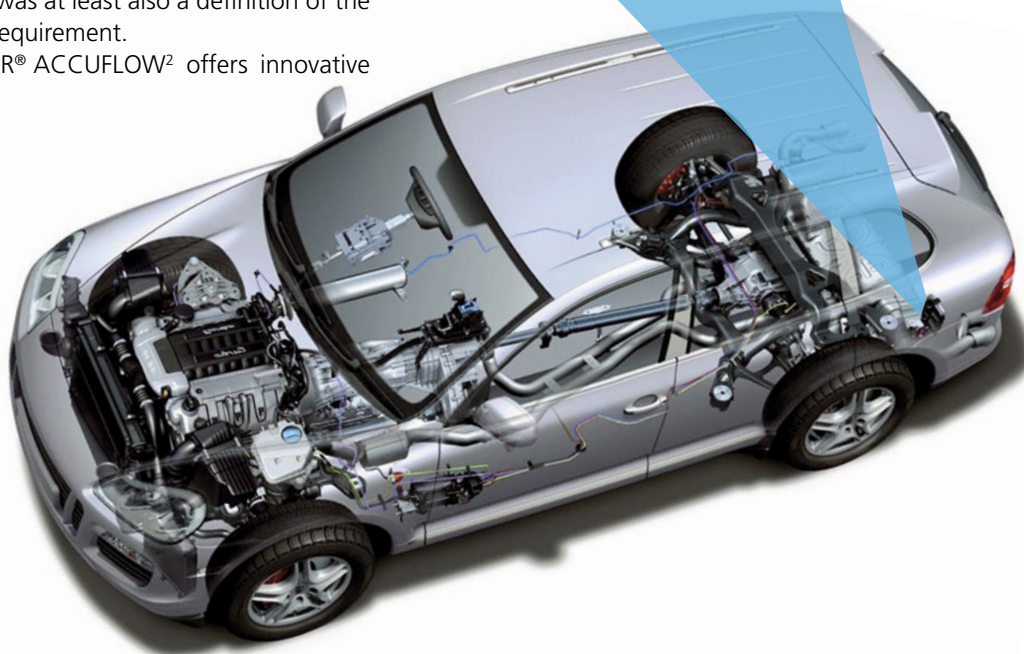
### SEFAR® ACCUFLOW<sup>2</sup>

New generation filter solutions are an integral part of today's modern fuel pump modules. Maximum performance depends on multiple technical requirements, which are traditionally in opposition to each other.

Sefar took on these challenges and now offers the brand new SEFAR® ACCUFLOW<sup>2</sup> filter series.

Main filter performance criteria such as filter efficiency, capacity and pressure drop are highly and mutually competitive demands that have resulted in today's compromises in the fuel filtration market. The change from plain reverse dutch weaves, which are based on woven monofilaments, to depth filtration media already improved the situation, although only minimally. Whether to use a high or low particle efficiency filter was at least also a definition of the dust particles capacity requirement.

Newly developed SEFAR® ACCUFLOW<sup>2</sup> offers innovative solutions.

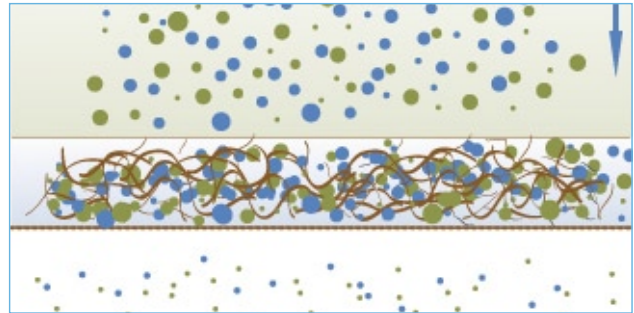


## SEFAR solution

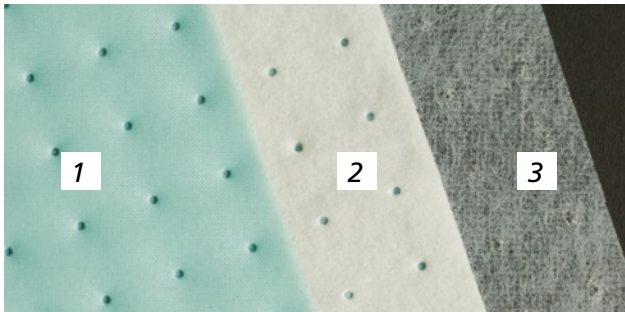
Sefar specifically designed a new generation of non-woven media to overcome today's filtration constraints. The arrangement of fibers, fiber composition and surface finishing in combination with a new bonding technology guarantees the optimal use of the volume taken up by the filter.

SEFAR® ACCUFLOW<sup>2</sup> is able to retain and deposit more particles and offers clearly superior performance in satisfying the main demands in filtration:

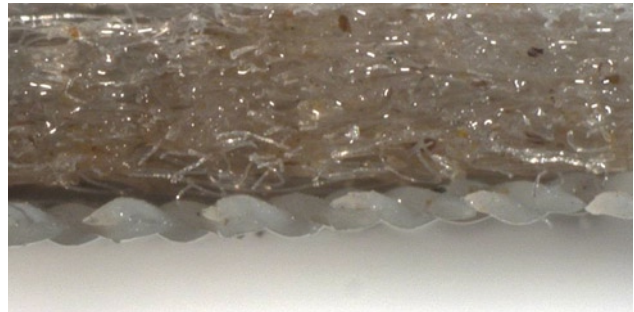
- High particles capacity levels using 30µm filters
- High efficiency performance levels using 60µm filters



Depth media filtration principle



The SEFAR solution consists of a  
1: woven protection mesh | 2: filtration media  
3: barrier fleece



Fully soaked SEFAR® ACCUFLOW<sup>2</sup> filter

## Benefits of SEFAR solution

### Better filter efficiency

Avoidance of blockages and assuring the least possible wear of the fuel pump require high efficiency fuel filters. The world standard is set at 30 and 60 µm efficiency, depending on the pump design, which is seldom subject to change.

SEFAR® ACCUFLOW<sup>2</sup> gives the best available protection against unwanted particles in the whole fuel injection system.

### Better filter capacity

Fuel standards and the quality of fuels are different all over the world and vary dramatically. They may be very aggressive blends or have a high content of unwanted particulates.

SEFAR® ACCUFLOW<sup>2</sup> gives you unmatched capacity levels to absorb particles of all kinds.

High filtration capacity will improve the lifetime of your filter, avoid any fuel supply interruption and allows you to optimize construction space.

### Better differential pressure

Low differential pressure across the filter media will allow high flow rates at lower energy consumption, combined with a reduced tendency to cavitation at the pump blades. SEFAR® ACCUFLOW<sup>2</sup> ensures that pumps can operate at the required optimum conditions.

Sefar listens to the customer. The SEFAR® ACCUFLOW<sup>2</sup> package consists of

- Roll goods available for the injection molder of choice
- Ex-stock material and large production capabilities
- Customized color-coding available
- Standard automotive industry certification

## SEFAR® ACCUFLOW<sup>2</sup> at a glance

	30µm	60µm
<b>Description</b>	07-470-30	07-575-60
<b>Material</b>	100% PET	100% PET
<b>Efficiency</b>	95% for 30µm particles	95% for 60µm particles
<b>Capacity <sup>1)</sup></b>	470g/m <sup>2</sup>	575g/m <sup>2</sup>
<b>Pressure drop <sup>2)</sup></b>	2hPa	2hPa
<b>Air throughput</b>	710 l/m <sup>2</sup> s	1300 l/m <sup>2</sup> s

<sup>1)</sup> Updated IFTS results November 13, 2009

<sup>2)</sup> Pressure drop (measured detection limit of IFTS equipment: 4 hPa)

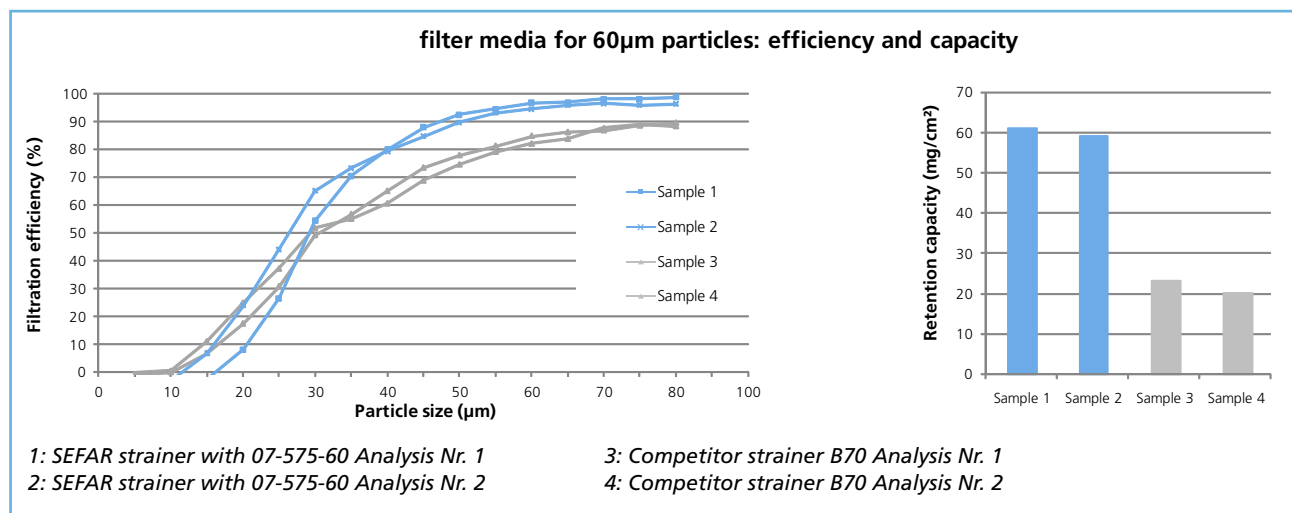
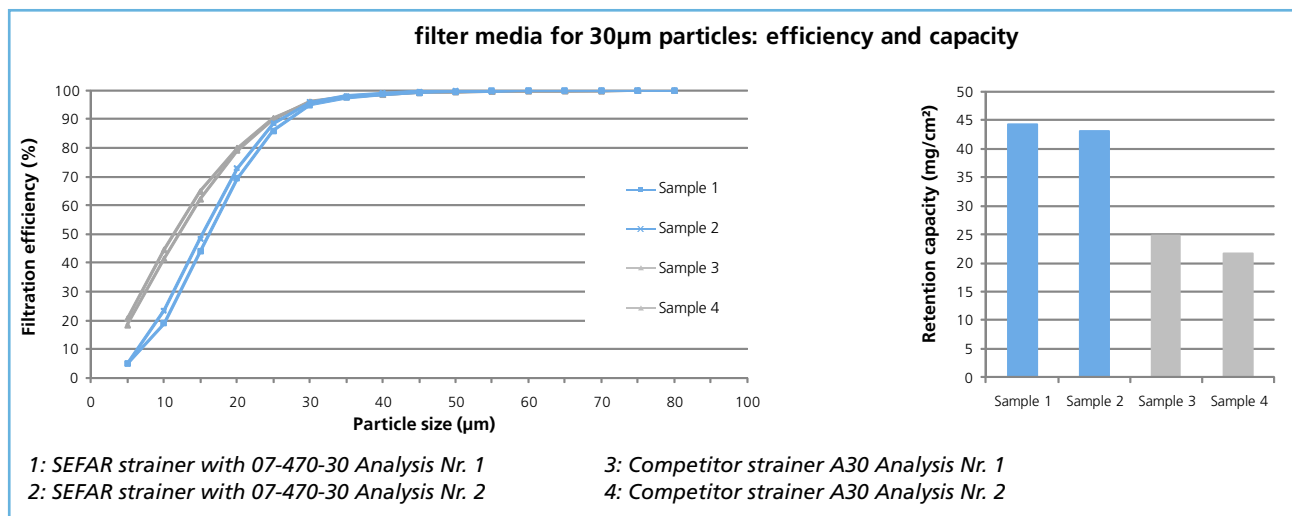
### SEFAR Quality

Quality comes first and is a major priority for Swiss-based Sefar. SEFAR® ACCUFLOW<sup>2</sup> has been put through its paces.

Sefar has given the following aspects particular importance in the development work:

- Fuel resistant to E100, E95, E85 and unleaded octane 95 up to 85 °C
- Tested by the certified Laboratory IFTS to SAE J 905 (capacity and pressure drop), SAE J1985 (efficiency) and ISO 16232 (fiber release test).
- Latest ultrasound technology enables us to deliver a consistent and controlled quality.

## SEFAR® ACCUFLOW<sup>2</sup> performance comparison



www.sefar.com

Headquarters

**Sefar AG**

Hinterbissastrasse 12  
9410 Heiden – Switzerland  
Phone +41 71 898 57 00  
Fax +41 71 898 57 21  
filtration@sefar.com

**Sefar Filtration Subsidiaries**

**Sefar Inc.**

Buffalo, Depew, NY – USA  
Phone +1 800 995 0531  
filtration@sefar.us

Ontario CA – USA

Phone +1 800 401 3367  
kcfiltration@sefar.us

**Sefar S.A. de C.V.**

Iztapalapa, D.F. – Mexico  
Phone +52 55 2291-0652/5612-7696  
info.mexico@sefar.com

**Sefar Tenyl**

Tenyl Tecidos Técnicos Ltda.  
Guarulhos, SP – Brazil  
Phone +55 11 2137-1555  
contato.brasil@sefar.com

**Sefar Singapore Pte. Ltd.**

Singapore  
Phone +65-6299 9092  
info.sg@sefar.com

**Sefar Filtration Solutions  
(Suzhou) Ltd.**

Jiangsu Province – China  
Phone +86 512 62836383  
info.cn@sefar.com

**Sefar Singapore Pte. Ltd.**

Indonesia Rep. Office (Filtration)  
Jakarta Barat – Indonesia  
Phone +62 21 5890 2065/66/68  
info.id@sefar.com

**Sefar Fabrication (Malaysia) Sdn Bhd**

Johor, Malaysia  
Phone +60 7 867 7188  
info.my@sefar.com

**Sefar Filtration (India) Pvt. Ltd.**

Bhiwandi – India  
Phone +91 2522 271139/271140/271141  
info.in@sefar.com

**Sefar Pty Ltd.**

Huntingwood, NSW – Australia  
Phone +61 1300 306 661  
sfs@sefar.com.au

**Sefar Fyltis S.A.S.**

Lyon 03 – France  
Phone +33 472 13 14 15  
vente@sefar-fyltis.fr

**Sefar Italia S.r. l.**

Collegno-Torino – Italy  
Phone +39 011 42001  
info@sefar.it

**Sefar Maissa S.A.**

Cardedeu – Spain  
Phone +34 9 3844 4710  
info.maissa@sefar.com

**Sefar GmbH**

Edling – Germany  
Phone +49 8071 90 400-0  
info@sefar.de

**Sefar B.V.**

Lochem – Netherlands  
Phone +31 (0)573 258250  
info@sefar.nl

**Sefar Ltd.**

Bury, Lancs – England  
Phone +44 (0) 010765 3530  
sales@sefar.co.uk