



# Gasoline Particulate Filter for DI gasoline passenger cars

## Meeting EURO VI soot requirements at very low $\Delta P$

### 1 Our expertise, your success

Bekaert has over 30 years of experience in designing and producing fiber media and is one of the largest producers of sintered webs in the world.

### 2 Over 600 engineers to meet your demands

Our technology centers count over 600 international engineers and researchers who listen to your demands and have the ability to create any sort of metal based media. In order to guarantee the quality of our research Bekaert has an in-house engineering department where we develop our own machinery and process equipment.

### 3 Fast delivery

Bekaert provides products and services in more than 120 countries. Our global presence enables us to offer customers products of consistent quality and timely deliveries wherever they are located.

### What can we offer you?

Bekaert Gasoline Particulate Filter is a highly porous 3 dimensional structure of metal fibers.

#### Features

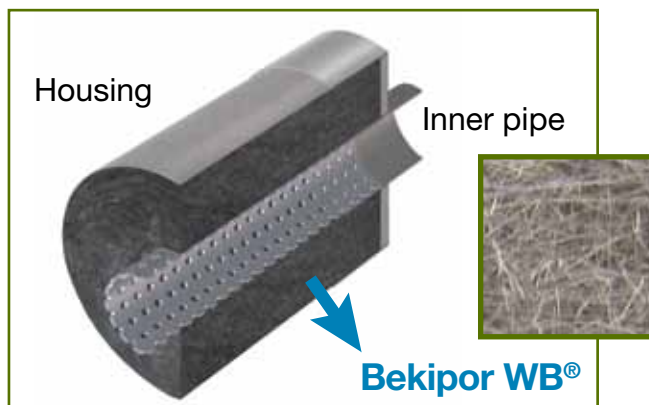
- Sound absorption
- Low weight
- Low regeneration temperature
- Reference tested

#### Benefits

- Elimination of silencer
- Reduced TCO
- No complex regeneration strategy needed
- Reduced resources needed for further development

### Filter tunability makes tailormade performance possibilities

Thanks to the in house development of Bekipor® metal fiber media we can tune the filter efficiency due to its unique structure of very fine metal fibers ( $\varnothing$  of 17-22-30  $\mu\text{m}$ ). Pressure drop over the filter can be optimized by different porosities (up to 98%) The use of special alloy for the filter media results in corrosion and temperature (up to 1000°C) resistance.



Would you like  
to know more  
about  
Bekaert Gasoline  
Particulate Filter?

Feel free  
to contact us

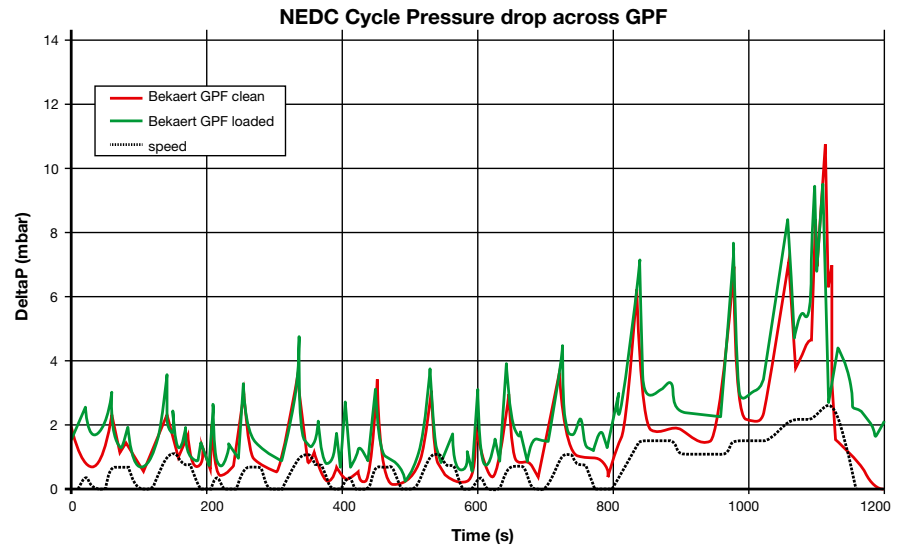
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## Results reference tests

- Maximum pressure drop across GPF during NEDC cycle: < 15 mbar
- Average filtration efficiency GFP during NEDC cycle: + 80%
- Fully meeting EURO VI legislation
- Passive regeneration possible during 1 NEDC cycle
- High temperature vibration tests OK



## A local service supported by global presence

Benefit from our commitment to local service by relying on our worldwide network of sales offices, research centers and plants to meet your needs quickly and effectively.



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ISO 9001/ ISO 14001  
Certified



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