Product Information

Benefits
- Best-in-class pressure drop performance to meet tough CO2 requirements and preserve engine performance
- Allows high washcoat loading at an excellent pressure drop to enable outstanding catalytic performance
- Excellent filtration efficiency
- Strength allows market typical canning technologies

Applications
- Integration across the full spectrum of possible solutions:
  - From close-coupled to underfloor
  - From highly coated to uncoated

Proven design
We adapted our successful diesel filter design to meet the needs of gasoline particulate filters. In our product, alternating plugs force air through porous walls that trap soot particles.

Low backpressure

High filtration efficiency
Corning GPFs reduce particulate numbers to meet Euro 6c emissions regulations.

Summary of filter technologies

<table>
<thead>
<tr>
<th></th>
<th>DEV GC 200/8</th>
<th>DEV GC HP 300/8</th>
</tr>
</thead>
<tbody>
<tr>
<td>Technology</td>
<td>Dev GC</td>
<td>Dev GC HP</td>
</tr>
<tr>
<td>Cell density</td>
<td>200 cpsi</td>
<td>200 cpsi</td>
</tr>
<tr>
<td></td>
<td></td>
<td>300 cpsi</td>
</tr>
<tr>
<td>Web thickness</td>
<td>8 mil</td>
<td>Optimized</td>
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<tr>
<td>Material</td>
<td>Cordierite</td>
<td>Cordierite</td>
</tr>
<tr>
<td>Porosity</td>
<td>Medium</td>
<td>High</td>
</tr>
</tbody>
</table>

*Corning calculated numbers based on published product and material information.
Meet tomorrow’s emissions standards today with Corning® DuraTrap® filters. Designed for high filtration efficiency and excellent pressure drop, our portfolio of filter products is expanding to meet the needs of GDI vehicles facing future real-world-driving emissions regulations.

Our gasoline cordierite filters feature GDI-optimized compositions to meet filtration efficiency, wash coat loading, and pressure drop needs.

Trust 40 years of emissions-control expertise. Choose Corning

Contact us environmental@corning.com