



CORNING

Corning[®] DuraTrap[®] GC Filters

High filtration efficiency of fine particulate emissions for gasoline engines

Meet tomorrow's emissions standards today with Corning[®] DuraTrap[®] GC filters. Designed for high filtration efficiency and excellent pressure drop, our portfolio of filter products is expanding to meet the needs of gasoline and hybrid vehicles facing real-world-driving emissions regulations.

Our cordierite filters feature optimized microstructures to meet filtration efficiency and pressure drop needs for un-catalyzed and catalyzed applications.

Contact Us

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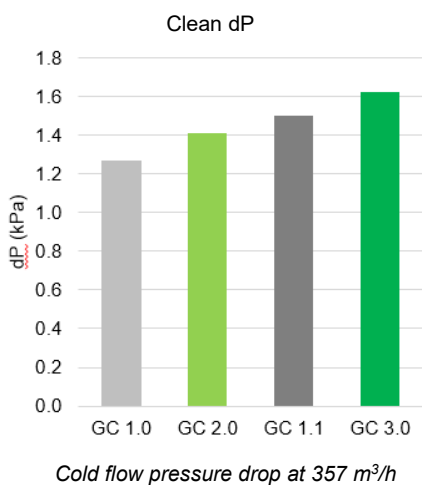
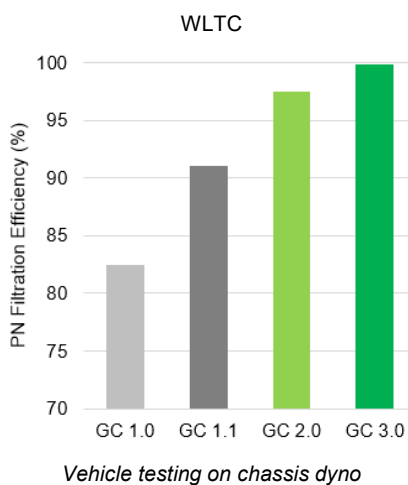
Corning® DuraTrap® GC Filters

DuraTrap® GC particulate filters for gasoline vehicles offer several advantages for our customers to meet tightening global emissions standards:

- Meet tough particulate filtration efficiency targets with best-in-class pressure drop to preserve engine performance
- Broad product portfolio for all current and future market needs
- For *un-catalyzed applications* our new GC 2.0 / 3.0 filters achieve highest filtration efficiency targets for most stringent regulations
- For *catalyzed applications* our innovative GC HP 2.0 product delivers improved filtration with high washcoat load capability for outstanding catalytic performance
- Application integration across the full spectrum of possible solutions: From close-coupled to underfloor. From catalyzed to uncatalyzed.

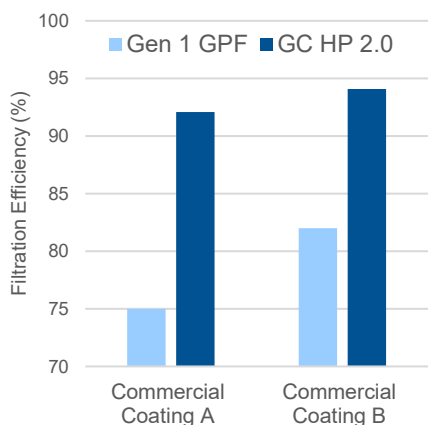


GC filters for un-catalyzed applications



DuraTrap Filters	Cell Design	Porosity	Filtration Efficiency
GC 1.0	200/8	~55%	■ □ □ □
GC 1.1	200/8	~55%	■ ■ □ □
GC 2.0	200/8	~55%	■ ■ ■ □
GC 3.0	200/8	~55%	■ ■ ■ ■

GC HP filters for catalyzed applications



- In-house WLTC Cycle Analysis on a typical compact SUV (catalyzed)
- GC HP 2.0 improved performance has been confirmed in lab and on-vehicle testing

DuraTrap Filters	Cell Design	Porosity	Filtration Efficiency
GC HP 1.1	300/8	~65%	■ □ □
GC HP 1.2	300/8	~65%	■ ■ □
GC HP 2.0	300/8	~65%	■ ■ ■

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