

TECHNOLOGY DATA SHEET
AS FEATURED ON THE VISTEON/3M PROMOTYPE VEHICLE

SELF-SEALING SYNTHETIC ENGINE AIR INTAKE FILTER

DESCRIPTION:

Visteon's Air Induction System with a Self-Sealing Synthetic Filter offers the filtration performance advantage of a synthetic media without the cost or complexity of similar products. The technology uses unique features in the air cleaner housing to provide a robust seal at the edges.



VALUE OPPORTUNITY

- Low cost alternative to traditional synthetic filter media designs
- Provides better filtration function than paper media at a comparable cost
- Simple to manufacture on a continuous line
- Recyclable

TECHNICAL BENEFITS

- Provides better fine dust filtration efficiency than traditional paper media
- Increased dust holding capacity over same sized paper element
- Extended service life
- Seals against dust intrusion at edges and no additional seal is required
- Better water-repelling properties than paper filtration media

The self-sealing synthetic media can be offered in gradient density structure to meet any unique OEM filtration requirements.

MARKET ASSESSMENT

Target Market:

OEM's interested in better filtration function than paper media at a comparable cost and concerned about reducing their impact in polluting the environment and desire a more "greener-type" vehicle.

Initial Vehicle Segments:

All vehicle segments

Annual Sales Potential (Based on Segments Above)*:

Approximately 15-17 million units

MegaTrend Categories:



*Annual sales potential based on 2007 U.S. sales (Jan-Nov) and analyst Dec projections.

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PRODUCTION AVAILABILITY – 2009 CALENDAR YEAR

