Ahlsstrom is the market leader in the development of fuel filter media technology for use in new and high performance engines. Ahlsstrom technologies keep the world moving. To unleash better performance from our fuel filter media range, we continually work on innovative ideas. Among recent achievements is a laminated media that combines a cellulose and fine fiber layer – raising the standard in fuel filtration.

Benefits

Different degrees of fuel around the world are subject to organic and inorganic impurities. Many contaminants have a low micron rating and basic filter media will not protect your machinery.

That’s why we make a variety of products to meet your exact needs. They range from 100% cellulosic to 100% fine fibers. We make them in single, double and multi layers to deliver the exact degree of protection required.

- Cellulose (with microfiber glass or 100% cellulose)
- Fine Fiber laminate (giving high capacity and also fuel water separation on standard fuels)
- Advanced composites for biodiesel and aggressive fuel water separation

Our micro glass products remove particles in the range of 3µ to 6µ. We incorporate hydrophobic chemistries into our media to provide the best possible fuel/water separation.

And to benefit the environment we’ve developed advanced products for Ultra Low Sulfur Diesel applications, as well as achieving a breakthrough in Biodiesel markets.

Higher dust holding capacity

Multi density structure increases gradient pore size and allows for a lower pressure drop during the filter life span.

Dual layer technology

Higher efficiency for the long haul.

- Greater dust holding capacity
- Cost-effective fuel water separation
- High micron efficiency
- Ultra low sulfur and biodiesel solutions
Technical key performances

- Efficiency and dust holding capacity
- Water Separation
  - by water repellency
  - by water coalescence

Available chemistries

- Solvent based phenolic
  - Curing
  - Fast curing
  - Advanced cured
  - No curing

Value proposition:

- State of the art product portfolio complying with the latest market and environmental regulations
- Global production platform
- Customized solutions
- Consistency in product quality
- Delivery performance

End use applications

- Automotive fuel
- Heavy duty fuel

<table>
<thead>
<tr>
<th>Product</th>
<th>Media Technology</th>
<th>Chemistry</th>
<th>Value Proposal</th>
</tr>
</thead>
<tbody>
<tr>
<td>100 series</td>
<td>100% cellulose</td>
<td>Non saturated filter media for CAV filters</td>
<td>Easy processability – profile stability</td>
</tr>
<tr>
<td>200 series</td>
<td>100% wetlaid cellulose 100% wetlaid cellulose + glass</td>
<td>Standard or enhanced saturation  – Advanced cure  – Fast cure</td>
<td>Customised for certain performances</td>
</tr>
<tr>
<td>300 series</td>
<td>Wetlaid cellulose (with or without microglass)  – Fine fiber laminated media  – Wetlaid cellulose + microglass</td>
<td>Standard or enhanced saturation  – Advanced cure  – Fast cure  – Water separation resin</td>
<td>Water repellency</td>
</tr>
<tr>
<td>400 series</td>
<td>Pure synthetic  – Pure fine fibers  – Multilayers laminated media  – Glass fiber wetlaid  – Trinitex® glass</td>
<td>Full cure</td>
<td>Top performance in fuel filtration</td>
</tr>
</tbody>
</table>

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