



Fuel Filter Media

Ahlstrom-Munksjö is the market leader in the development of fuel filter media technology for use in new and high performance engines.

Ahlstrom-Munksjö 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 3 μ to 6 μ . 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.

- Higher dust holding capacity
- Cost-effective fuel water separation
- High micron efficiency
- Ultra low sulfur and biodiesel solutions

Technical performances and chemistries

- ✔ Efficiency and higher holding capacity to increase filter life
- ✔ Water separation
 - by water repellency
 - by water coalescence
- ✔ Solvent based phenolic
 - Curing
 - Fast curing
 - Advanced cured
 - No curing

Benefits

- ✔ State-of-the-art product portfolio complying with the latest market and environmental regulations.
- ✔ Global production platform
- ✔ Customized solutions for specialized applications
- ✔ Consistency in product quality and performance

End use application

- ✔ Automotive fuel
- ✔ Heavy duty fuel

Products	Media Technology	Media Chemistry	Features and Benefits
100 Series	100% cellulose	Non saturated filter media for CAV filters	<ul style="list-style-type: none">• Easy processability – profile stability• Reliable product
200 Series	100% wetlaid cellulose 100% wetlaid cellulose + glass	Standard or enhanced saturation <ul style="list-style-type: none">- Advanced cure- Fast cure	<ul style="list-style-type: none">• Customised for certain performances• Consistent quality and performance• Process benefits (speed, energy savings)• Local production in all regions
300 Series	Wetlaid cellulose (with or without microglass) + <ul style="list-style-type: none">- Fine fiber laminated media- Wetlaid cellulose + microglass	Standard or enhanced saturation <ul style="list-style-type: none">- Advanced cure- Fast cure- Water separation resin	<ul style="list-style-type: none">• Water repellency• Water coalescent• Comply with water separation OEE testing
400 Series	Pure synthetic <ul style="list-style-type: none">- Pure fine fibers- Multilayers laminated media- Glass fiber wetlaid- Trinitex® glass	Full cure	<ul style="list-style-type: none">• Top performance in fuel filtration• High efficiency• High dust holding capacity• Water separation coalescence• Suitable for bio-fuel

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