



Ahlstrom Fuel Filter Media

Delivering clean fuel to combustion engines

Quality of fuel entering the injection system is a significant factor in the overall performance and lifetime of combustion engines. Ahlstrom Engine Fuel filtration media protects the engine from particles and water, limits erosion and corrosion, contributes to optimize fuel consumption and reduce atmospheric emissions.

Ahlstrom Fuel filtration product portfolio covers a complete range of solutions for automotive and heavy-duty applications:

- Cellulose based platform for diesel prefiltration or gasoline applications
- FineFiber meltblown lamination, giving improved dust holding capacity and better fuel water separation for diesel applications
- Advanced composite structure for biodiesel and heavy-duty, high-pressure common rails with very high efficiency and best water separation

Benefits

- ✔ Market leader with global presence
- ✔ Recognized for the high quality of our products in OE and after-market segments
- ✔ Complete particulate efficiency range, high dust holding capacity and easy processing
- ✔ Proprietary FineFiber meltblown to be laminated with base media for increased lifetime and water coalescing
- ✔ Multilayer solutions for high efficiency (>99.9%@4µm) and best fuel-water separation

Key Technical Features

- ✔ Designed for best processability on any type of asset
- ✔ From 0% to 100% cured phenolic based media
- ✔ Possible addition of hydrophobic chemistry for improved fuel-water separation
- ✔ Complete range of particulate efficiency covering global requirements
- ✔ FineFiber meltblown laminated solutions for diesel applications
- ✔ Multi-layer solutions for highest efficiency and best fuel-water separation

End Use Application

- ✔ Automotive
- ✔ Heavy and Medium Duty
- ✔ All Engines

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Products	Media Technology	Media Chemistry	Benefits
Standard	Wetlaid Single Layer 100% Cellulose (optional blend with microglass)	- Advanced cure - Resolic or fast cure	<ul style="list-style-type: none"> • Gasoline filtration and diesel prefiltration • Consistent quality and performance • Process benefits (speed, energy savings) • Great chemical resistances in biofuel
FineFiber	Wetlaid Single Layer 100% Cellulose (optional blend with microglass) laminated with a FineFiber PBT meltblown	- Advanced cure - Resolic or fast cure	<ul style="list-style-type: none"> • Diesel filtration • Improved dust holding capacity • Designed for optimal fuel-water separation • Comply with water separation OEE testing • Great chemical resistances in biofuel
High Efficiency	Wetlaid Multi-layer Cellulose + microglass media and FineFiber meltblown lamination 100% Cellulose media laminated with a coalescing layer and a Finefiber metblown 100% Synthetic media laminated with FineFiber meltblown and/or glass microfiber layers	- Advanced cure - Resolic or fast cure	<ul style="list-style-type: none"> • Diesel and bio-fuel filtration • Highest efficiency, up to 99.99% @4µm according to ISO19438:2003 • High dust holding capacity • Best fuel-water separation rating • Great chemical resistances in biofuel

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