



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, optimises fuel consumption and reduce atmospheric emissions.

Ahlstrom Fuel filter media portfolio covers a complete range of solutions for automotive and heavy duty applications:

- Cellulose based platform for diesel prefiltration or gasoline applications
- Fine Fiber laminates giving high dust holding capacity and better fuel water separation for diesel applications
- Advanced composite structure for biodiesel and heavy duty high pressure engines

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 Fine Fiber 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
- ✔ Fine Fiber laminated solutions for diesel applications
- ✔ Multi-layer solutions for highest efficiency and best fuel-water separation

End use application

- ✔ Automotive
- ✔ Heavy Duty
- ✔ All Engines

Ahlstrom Fuel Filter Media

Products	Media Technology	Media Chemistry	Features and Benefits
Standard	100% wetlaid cellulose 100% wetlaid cellulose + microglass	Standard or enhanced saturation - Advanced cure - Resolic or fast cure - Optional hydrophobic treatment	<ul style="list-style-type: none"> • Consistent quality and performance • Process benefits (speed, energy savings)
Fine Fiber	Wetlaid cellulose (with or without microglass) + Fine fiber meltblown laminated media	Standard or enhanced saturation - Advanced cure - Resolic or fast cure - Optional hydrophobic treatment	<ul style="list-style-type: none"> • High dust holding capacity • Designed for optimal fuel-water separation • Comply with water separation OEE testing
High Efficiency	Wetlaid cellulose & microglass media, laminated or not with fine fiber meltblown, Wetlaid cellulose media laminated with a coalescing layer and a fine fiber meltblown, 100% microglass media laminated with Spunbond layer on both side	Standard or enhanced saturation - Advanced cure - Resolic or fast cure - Optional hydrophobic treatment	<ul style="list-style-type: none"> • Highest efficiency, up to 99.99% @4µm according to ISO19438:2003 • High dust holding capacity • Best fuel-water separation rating • Suitable for bio-fuel

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