

# Ahlstrom Air Filter Media

Delivering clean air to combustion engines

**Quality of air intake is a significant factor in the overall performance and lifetime of combustion engines. Ahlstrom Engine Air Intake filter media protects the engine from natural and industrial contaminants, optimizing the fuel consumption, reducing the engine wear, and increasing the safety.**

The Ahlstrom Automotive and Heavy Duty Air product portfolio encompasses the full spectrum of filtration performance requirements, including Dust Holding Capacity (DHC) and particulate efficiency levels with optional flame retardant properties.

To further enhance filtration performance, our solutions incorporate dual-layer designs, nanofibers, and FineFiber meltblown lamination.

## Benefits

- ✓ Market leader with global presence
- ✓ Recognized for the high quality of our products in OE and after-market segments
- ✓ Complete particulate efficiency range with long lifetime and easy processing
- ✓ All impregnation capabilities, including flame retardancy and water durability; a solution for any pleating asset
- ✓ Multi-layer solutions for the most demanding applications

Key Technical Features

- ✓ From 0% to 100% cured media
- ✓ Available as flat or corrugated design
- ✓ Wide range of basis weights
- ✓ Flame retardant & water durable solutions
- ✓ Lamination capability for enhanced performances  
(FineFiber meltblown, nanofibers, synthetic)

End use applications

- ✓ Automotive
- ✓ Heavy Duty
- ✓ All Engines

Ahlstrom Air Intake Filter Media

Products	Media Technology	Chemistry	Features	Benefits
Standard	<b>Wetlaid single layer</b> 100% cellulose (optional blend with polyester fibers)	<ul style="list-style-type: none"><li>- No cure / Advance cure (phenolic and acrylic)</li><li>- Phenolic cure and fast cure</li></ul>	<ul style="list-style-type: none"><li>• Water repellent</li><li>• Flame retardant</li><li>• Flame retardant + water durable</li></ul>	<ul style="list-style-type: none"><li>• Good dust holding capacity</li><li>• Standard efficiency</li><li>• Excellent pleatability</li></ul>
Higher DHC	<b>Wetlaid single layer</b> with one side impregnation  <b>Wetlaid dual layer</b> 100% cellulose (optional blend with polyester fibers)	<ul style="list-style-type: none"><li>- No cure / Advance cure (phenolic and acrylic)</li><li>- Phenolic cure and fast cure</li></ul>	<ul style="list-style-type: none"><li>• Water repellent</li><li>• Flame retardant</li><li>• Flame retardant + water durable</li></ul>	<ul style="list-style-type: none"><li>• Extended DHC for longer lifetime</li><li>• Better differential pressure build-up</li></ul>
High Efficiency	<b>Wetlaid cellulose with FineFiber meltblown lamination or nanocoating</b>	<ul style="list-style-type: none"><li>- No cure / Advance cure (phenolic and acrylic)</li></ul>	<ul style="list-style-type: none"><li>• Flame retardant</li><li>• Water repellent</li></ul>	<ul style="list-style-type: none"><li>• Optimal DHC</li><li>• Highest particulate efficiency</li><li>• Excellent permeability</li></ul>

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