



# 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 covers the complete range of filtration performance requirements in terms of Dust Holding Capacity (DHC) and particulate efficiency levels.

Our range of filter media for engine air intake covers from 100% cellulosic to 100% synthetic media, with always optional halogen-free flame retardant property. To further enhance the filter performance, multi-layer solutions can be offered, including nanofibers, fine fiber meltblown and high capacity prefiltration media.

## 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
- ✓ Complete impregnation solutions, including flame retardancy and water durability; a solution for any pleating asset
- ✓ Full synthetic and laminated solution for high demanding niche applications

## Key Technical Features

- ✓ From 100% cellulosic to 100% synthetic media
- ✓ From 0% to 100% cured media
- ✓ Available as flat or corrugated media
- ✓ Wide range of basis weights, from extra thin to thick media
- ✓ Halogen-free flame retardant solutions
- ✓ Flame retardant & water durable solutions
- ✓ Lamination for enhanced performances (meltblown, synthetic nonwoven...)
- ✓ Nanofiber coating for highest efficiency and optimal permeability

## End use applications

- ✓ Automotive
- ✓ Heavy Duty
- ✓ All Engines

## Ahlstrom Air Intake Filter Media

Products	Media Technology	Chemistry	Features and Benefits
<b>Standard</b>	Wetlaid 100% cellulose (optional blend with glass and polyester fibers available)	<ul style="list-style-type: none"><li>- No Cure / Advance Cure (phenolic and acrylic)</li><li>- Phenolic Cure</li><li>- Fast Cure</li></ul>	<ul style="list-style-type: none"><li>• Standard Dust Holding Capacity</li><li>• Standard efficiency</li><li>• Water repellent as an option</li></ul>
<b>Flame Retardant</b>	Wetlaid 100% cellulose (optional blend with glass and polyester fibers available)	<ul style="list-style-type: none"><li>- No Cure / Advance Cure (phenolic and acrylic)</li><li>- Phenolic Cure</li><li>- Fast Cure</li></ul>	<ul style="list-style-type: none"><li>• Flame retardant</li><li>• Flame retardant + Water durable as an option</li><li>• Water repellent as an option</li></ul>
<b>High Performance</b>	Wetlaid 100% cellulose to 100% synthetic (blend with glass microfibers available); optional lamination and nanocoating	<ul style="list-style-type: none"><li>- No Cure / Advance Cure (phenolic and acrylic)</li><li>- Phenolic Cure</li><li>- Fast Cure</li></ul>	<ul style="list-style-type: none"><li>• Extra Dust and Soot Holding Capacity (asymmetric design or lamination with prefiltration solutions)</li><li>• Extra efficiency (nanofibers, finefiber meltblown)</li><li>• Extra permeability (nanofibers, full synthetic)</li><li>• Options: Flame retardant, Water repellent</li></ul>

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