

The future of transportation filtration is here.

INTRODUCING

Ahlstrom **ECO**TM

A new generation of lignin-containing materials
for transportation filtration



Ahlstrom ECO™

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Transportation filtration world is facing certain sustainability challenges and Ahlstrom is currently working to address them by:

- ✓ Ambitious emissions reduction program at all our plants (CO₂, water & waste)
- ✓ Improvement of end customers footprint (enhanced performances, support transition to electrification)
- ✓ Adoption of more sustainable resources (PFAS ban, formaldehyde reduction, bio-sourced fibers and binders)

Ahlstrom ECO™ is a technology supporting the increasing sustainability demands towards the global transportation market and offering a new choice for filter manufacturers.

Developed by Ahlstrom, this filter media integrates lignin into the resin system, reducing reliance on fossil-based materials. The formulation replaces a minimum of 30% of traditional phenolic resin with lignin while maintaining mechanical properties and durability, even in demanding environments.

Ahlstrom ECO™ can be applied to a wide range of air and liquid filtration media, especially for transportation applications.

This filtration media integrates lignin to reduce reliance on fossil-based resin compared to conventional solutions.

In addition, the lignin-integrated resin system enables a significant reduction in formaldehyde emissions during the curing step, typically between 40-70%*.

*Based on internal testing using the VDA 275 method, compared to a standard phenolic reference formulation. Actual results may vary depending on product grade, processing and end-use conditions.

AN AWARD-WINNING PRODUCT

Ahlstrom ECO™ was selected as winner of **WFI Product of the Year 2022** by American Filtration Society (AFS).



Scan the QR code to read more about Ahlstrom ECO™ or contact us at filtration@ahlstrom.com

www.ahlstrom.com

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