The future of transportation filtration is here.

INTRODUCING

Ahlstrom ECO™

A new generation of lignin-based materials for transportation filtration

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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 (CO_2, 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 renewable filter media uses lignin-based impregnation, reducing reliance on fossil-based resins. The resin solution contains a significant amount of bio-based, renewable lignin with no impact on mechanical properties and the durability of the filter media, even in challenging environments.

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

According to our initial estimates[1], the new lignin-based impregnated filter media displays a lower carbon footprint than a standard fossil-based resin media. Additionally, the lignin-based impregnation recipe brings a significant reduction, between 50-70%, of formaldehyde emissions during the curing step.

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**

[1] product carbon footprint estimate, cradle-to-gate using secondary data from Ecoinvent v3.6

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