

Company

Ahlstrom is the global leader in fiber-based specialty materials. Our purpose is to Purify and Protect with Every Fiber, for a Sustainable World. We aim to be the Preferred Sustainable Specialty Materials Company for all our stakeholders. Our Filtration and Life Sciences, Food and Consumer Packaging, and Protective Materials segments, along with the Performance Materials Cluster, address global trends with safe and sustainable solutions. We add value by combining fibers with our advanced technology and innovative and entrepreneurial culture, constantly exploring novel materials and new applications. Sustainability, innovation and quality are central in all our solutions such as compostable food and beverage processing and packaging materials, liquid and air filtration media, diagnostic materials and protective medical fabrics. We have 175-year legacy of transformation and innovation in specialty materials.

Fields of activity

Our products are used in various everyday applications, such as filters, food packaging, medical fabrics, and diagnostic products. With our specialty materials, there's always a better way to make your solutions more sustainable. Discover a better material for your solutions now.

Technologies

Innovation is at the core of our work. In partnership with our customers, we innovate solutions by challenging the boundaries for how to use fiber. We have expertise in paper technologies, fiber refining, surface treatment and converting techniques.

Applications and products

Agriculture is one of the most relevant markets for biodegradable or bio-based materials because conventional plastic residues can remain in fields when retrieval is incomplete. Biodegradable mulch films and nonwovens aim to deliver agronomic benefits (weed suppression, moisture retention, soil microclimate control) while reducing long-term persistent plastic contamination risks.

Thus, as the agricultural industry faces increasing pressure to reduce fossil-based plastics, meet evolving regulations, and improve sustainability, Ahlstrom BioSpun™ provides a practical solution without compromising field performance. Made from 100% plant-based PLA, BioSpun™ combines proven crop protection with responsible end-of-life management, helping growers transition toward more sustainable farming.

Why choose BioSpun™?

- Reliable crop protection against frost, insects, and weeds
- Improved growing conditions with high light transmission and excellent thermal performance for healthier crops and earlier harvests
- Better water management through a breathable, naturally hydrophilic structure that helps retain soil moisture
- Easy integration with existing farming practices thanks to its lightweight, durable, and tear-resistant design
- A more sustainable choice with renewable materials, industrial compostability, and support for circular agriculture

BioSpun™ helps growers stay ahead of regulatory changes, reduce environmental impact, and strengthen their sustainability credentials—all while delivering the agronomic performance needed in today's demanding agricultural landscape.

WE PURIFY & PROTECT WITH EVERY FIBER FOR A SUSTAINABLE WORLD

Foundation

- 1851

Turnover

- 2.9 billion EUR net sales in 2025
- 6000 customers in over 100 countries

Employees

- 7000 employees with over 50 nationalities
- 36 plants in 13 countries

Key topics

- Filtration & Life sciences
- Food & consumer packaging
- Protective materials
- Performance material cluster

Key products

- Fiber-based specialty materials development
- Filter media
- Medical, life Science and laboratory
- Construction, surface and furniture materials
- Food packaging, backing and cooking solutions
- Transparent papers
- Release and label papers
- Beverage filter media and packaging solutions
- Electrification
- Interleave papers
- Electrotechnical insulation paper
- Tape backing
- Horticulture, mulching and crop cover
- Other specialty papers

More information

We focus on making our solutions Safe and Sustainable by Design and that they address global challenges. We ensure our solutions are developed with minimal environmental impact, prioritizing safety, durability, and circularity. Our target is to achieve at least 80% of net sales from SSbD products by 2030.

<https://www.ahlstrom.com>

Horticulture stands at a crossroads. Growers across the world depend on mulching systems to protect crops, suppress weeds, retain moisture, and improve yields. For decades, polyethylene mulch films have been the standard choice for these functions. Yet the unintended consequences of widespread plastic mulch use are now becoming impossible to ignore.

Plastic accumulation in soil, growing regulatory pressure, climate-driven heat stress, and the rising cost of labor for end-of-life handling are forcing the industry to rethink long-standing practices.

At the same time, growers cannot afford compromises in productivity. They need solutions that deliver strong agronomic performance while enabling more sustainable, compliant, and future-proof operations.

Ahlstrom SoilProtect™ was developed in direct response to these industry needs. As a biobased, plastic-free mulch designed to be readily biodegradable in soil*, Ahlstrom SoilProtect™ offers horticultural growers a path to reducing plastic waste without sacrificing yield or crop vigor.

Independent field research in lettuce cultivation demonstrates that SoilProtect™ not only matches the functional benefits of traditional mulch films but, in many conditions surpasses them.

Delivering benefits of:

- 10-15% higher yields
- Optimised soil health – moderates soil temperature during heat events
- Lower labour costs – no need to manually remove mulch
- Reduced compliance risk - Plastic free solution

The result is a solution that protects both the soil and the grower's bottom line.

Reflecting Ahlstrom's purpose to Purify and Protect, with Every Fiber, for a Sustainable World.

* Pending third part validation.



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