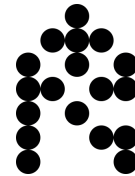


Resortecs,
Design to Evolve,
Build to
Disassemble.



Resortecs partners with AMANN Group to scale Design-for-Disassembly in fashion

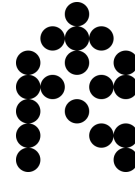
[Resortecs](#) and [AMANN Group](#) partnered to industrialize Design-for-Disassembly in fashion using Resortecs' Smart Stitch™ heat-activated threads. This integrates circularity, enabling automatic garment disassembly, optimizing material recovery, and high-grade recycling at scale.



BRUSSELS, BELGIUM – April 15, 2026 – Resortecs is proud to announce its partnership with AMANN Group, one of the top three sewing thread manufacturers in the world. Together, the two companies are bringing design-for-disassembly to industrial scale, embedding circularity directly into the way garments are made.

For AMANN, this collaboration represents a significant step beyond their traditional thread manufacturing, providing new opportunities to offer services beyond traditional threads, and focusing on technical performance and circularity. This move solidifies AMANN's position as a comprehensive solution provider for the future of the textile industry.

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Conversely, for Resortecs, entrusting AMANN with thread logistics and quality assurance allows them to fully dedicate their expertise to the most vital challenge: establishing the textile recycling ecosystem through intensified focus on preprocessing, waste management, and optimizing feedstock from both pre- and post-consumer textile waste.

The challenge

Today, most garments are not designed for disassembly, which makes extending their life through reuse, repair, and personalisation, as well as complex end-of-life processes like recycling, challenging, costly, and limited in quality.

Although the industry has focused on improving recycling processes, scalability remains out of reach because the garments themselves are not designed to be taken apart, hindering all forms of circularity.

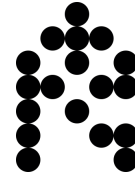
The solution

The partnership combines Smart Stitch™, a range of heat-activated sewing threads engineered by Resortecs, with AMANN's industrial expertise in thread manufacturing and global distribution. This integration allows brands and manufacturers to incorporate disassembly capability directly into garments without changing the design, production, or performance of the item. When needed, the garment can be automatically disassembled using Smart Disassembly™, which facilitates faster processing, delabeling, higher material recovery, and improved recycling outcomes.

This collaboration transforms garments into recoverable assets, shifting the industry from waste management to proactive value retention. By leveraging Smart Stitch™, brands can now implement tiered disassembly strategies that make circularity both operational and profitable at scale:

- **Repair & Resale:** Facilitates rapid delabeling of unsold or Grade B stock for reuse and targeted disassembly for repairs, such as replacing shoe soles or reflective ribbons.
- **Material Revalorization:** Enables the recovery of high-value components and trims (evidenced by our work with Amer Sport's Peak Performance to salvage premium down without quality loss).
- **Feedstock Optimization:** Provides the "clean" material streams required for high-grade chemical and mechanical recycling by fully separating components into pure textile fractions.

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By optimizing recovery at every stage—from production scrap to end-of-life—this partnership turns circularity into a scalable, economically viable business model for high-volume manufacturing.

The collaboration also leverages AMANN's position as one of the leading sewing thread manufacturers worldwide, delivering several strategic advantages for partners. With manufacturing infrastructure across 7 global locations, AMANN significantly reduces the distance between thread production and garment CMT (Cut, Make, Trim) facilities, streamlining logistics and lowering carbon footprints.

Furthermore, brands can now easily nominate these specialized threads through AMANN's established procurement channels, accelerating adoption and bypassing traditional supply chain hurdles. Partners also benefit from world-class technical support, after-sales service, and a high level of production homogeneity that ensures consistent quality across different manufacturing regions.

A new standard

Resortecs and AMANN Group share a common vision: to make Design-for-Disassembly the new standard in fashion and textiles.

True circularity means designing products that will never become waste, that will evolve, not merely finding new uses for existing waste.

Designing for true circularity is about creating products that evolve and are fundamentally designed not to become waste. It's a proactive approach that goes beyond simply finding new uses for existing materials.

Design to Evolve, Build to Disassemble.

Engineered by Resortecs, now produced by AMANN Group.

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