

# Turkey's Damteks and Haelixa announce collaboration

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ZÜRICH, SWITZERLAND, January 5, 2023

/EINPresswire.com/ -- Haelixa, the Swiss traceability company and Damteks Textiles have announced a collaboration to mark and trace recycled acrylic fiber. Damteks is offering their recycled yarn to customers whereby they are able to place an order with the unique Haelixa DNA already attached.



Spinning mill equipment

The Haelixa solution is DNA markers which are solved in liquid and applied to fibers as a fine spray. Spot checks are completed after spraying to determine the presence of DNA and identify the product. The test is based on PCR technology that is 100% reliable and has forensic validity.

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*Michela Puddu*

Damteks saw an increase in demand for blended yarn in the last year. The request is most often a composition of 30% recycled fiber with 70% standard fiber. Brands are looking for options to be more sustainable and Damteks proactively sought out an answer. They are offering the yarn with Haelixa DNA to validate the recycled acrylic in the

mix.

Our team visited the Damteks recycling facility in Istanbul to kick off the partnership that will continue throughout 2023. The traceability program designed for them, has the DNA sprayed on the recycled fibers before spinning. The project also saw the use of a tailored Haelixa liquid sprayer designed by the team based in Switzerland. When manufacturers do not have built-in moisturizing systems, Haelixa provides them with a custom unit to shower the DNA liquid onto the fibers. This unique sprayer is engineered to match the mechanical processing of the

customer.

Damteks is a family-owned business that pride itself in carefully selecting environmentally responsible options for its production processes. On top of the certifications they have obtained including - GRS, RCS, GOTS, OCS - Damteks decided to have their products "Marked and Traced by Haelixa" to add additional credibility and reliability. "As a manufacturer, we feel the pressure to offer sustainability options to our customers," commented İsmail Cem Atalay, Board Member of Damteks, adding, "Our project with Haelixa allows us to ensure that we are offering the best product while taking into consideration the future of the planet."

"The textile industry is adapting to the requests of consumers and regulators for more transparency and credibility when it comes to eco-friendly materials" said Dr. Michela Puddu, CEO and co-founder of Haelixa. She went on to say, "Haelixa solutions allows Damteks to offer to brands traceable products that showcase their recycled origins."

Damteks plans to offer marked and traced by Haelixa yarn in different dyes as their offering to brands.

### [About Haelixa](#)

Haelixa pioneers the development and commercialization of physical product traceability solutions to ensure full end-to-end supply-chain consumer good traceability, with focus on sustainable manufactured products, such as organic or recycled textiles. Based on DNA markers, the Haelixa technology is physically applied to the material and stays linked to it, providing a traceable physical fingerprint from producer to retail.

### [About Damteks](#)

Damteks, one of Turkey's leading manufacturers of acrylic yarn, began as a factory manufacturing operations in 1997. The yarns have become the sought-after yarn both in the domestic and foreign markets, contributing to the country's economy with its exports to many countries of the world. Alongside acrylic yarn production, Damteks expanded its operations to cotton yarn production in 2021, becoming a co-founder of ABM Cotton. The production vision is one that respects labor and nature, while constantly renewing its machine park.

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