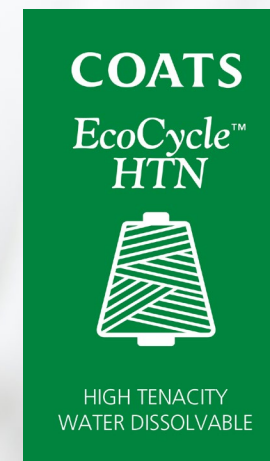




Coats® EcoCycle™ HTN

Introducing Coats EcoCycle HTN (High Tenacity), the ultimate solution for efficient and sustainable disassembly of technical textiles.

Designed to meet the needs of industries focused on sustainability and innovation, EcoCycle HTN is a high tenacity, water-dissolvable thread that simplifies the deconstruction of products like mattresses and sleeping bags, making it an excellent choice where technical textiles require separation.



2025

Why choose EcoCycle™ HTN?

- **High Tenacity Performance:** Engineered for strength and durability, EcoCycle HTN provides reliable stitching for demanding applications, ensuring product integrity until disassembly.
- **Efficient Disassembly:** Dissolves completely at 110°C in just 30 minutes in an industrial washing machine, enabling effortless separation of components like zippers and closures, perfect for recycling processes and reducing waste.
- **Versatile Application:** Suitable for both needle and looper thread use, EcoCycle HTN adapts to various sewing requirements, integrating seamlessly into existing manufacturing processes without significant adjustments.
- **Sustainability:** Supports the circular economy by facilitating the recycling of technical textiles, significantly reducing environmental impact and promoting resource efficiency.
- **Cost-Effective:** Simplifies the disassembly process, reducing labor and operational costs associated with manual separation of components, optimizing production lines for businesses.
- **Quality Assurance:** Adheres to Coats renowned quality standards, guaranteeing superior performance and ensuring robust products throughout their lifecycle while facilitating seamless end-of-life processing.
- Thread is available in Natural shade only

Main Uses:

- Mattresses
- Tents
- Sleeping Bags
- Workwear



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Product Range

Art/Tkt	Tex	Ticket	Length m	Strength cN	Elongation % Min - Max
ELH5120	27	120	5000	1505	8 - 10
ELH5080	30	80	5000	1850	8 - 10
ELH7060	50	60	2500	2820	8 - 10
ELH7030	90	30	2500	5380	8 - 10



Expert Real World Support

The final cost of any thread also includes hidden costs, fuelled by the methods and tools applied to it. Our experts know exactly how to reduce those costs, save time and increase productivity.



One to One Visits

There's no need to come to us, our experts will travel to your site. In person, online or via the phone, our trained consultants deal with the kind of issues any busy factory may face, providing a solution for today and a blueprint for future efficiency.



Training and Presentations

From yarn selection to stitch formation, the use of colour to solutions for common production issues, we take the learning gathered through years of hands on experience and present it in the form of high impact seminars, workshops and presentations.



Innovation Hub

Collaborate directly with expert R&D technologists at our Innovation Hub to create pioneering and tailored solutions for products ranging from Performance Materials to Apparel and Footwear. Equipped with state-of-the-art technology, we quickly turn ideas into prototype designs ready for manufacturing.

To drive your hidden costs down, talk to Coats. From thread audits in pre-production to the latest technical bulletins, we'll provide support that achieves measurable results.

For more information, talk to your Coats representative today or visit www.coats.com



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