



Coats® EcoVerde™ Epic™ AWF

The Coats AWF range of anti-wick sewing threads are free of perfluorinated compounds (PFCs). This leading development demonstrates Coats' commitment to sustainability and safety.

Coats AWF threads have a PFC-free anti-wick finish which prevents the capillary action, or wicking, of water through the thread in the seam. They are the very best thread choice for no-compromise, premium water-resistant outdoor wear.

Coats EcoVerde Epic AWF is made from 100% recycled polyester corespun. The fibres on the thread's surface help 'lock' the thread in the seam, creating secure seams and preventing runback.



2026

Why choose Coats EcoVerde™ Epic™ AWF?

- The PFC-free anti-wick finish is engineered to block capillary water transport through the seam, keeping the wetness on the outside
- Its specialised water-resistant formulation provides a high level of moisture protection, ideal for performance and outdoor application
- Advanced lubrication technology ensures exceptional sewing performance, even in high-demand and high-speed production environments
- OEKO-TEX® STANDARD 100, Product Class I
- Less energy intensive to produce in comparison to virgin materials, which results in lower carbon emissions during production
- Delivers a similar level of performance as the virgin range, whilst offering sustainability benefits

Main Uses:

- For all C0 DWR fabrics (PFAS-free) to prevent wicking effect through the seam
- Soft shell outdoor jackets and performance rainwear for which water resistance is crucial
- Workwear
- Outdoor Wear



Certified to the Global Recycled Standard (GRS) by IDFL, License No. 024352.



Product Range

Article Ticket	Ticket	Tex	Length	Average Strength cN	Elongation % Min - Max	Recommended Needle Size Metric
EV5F120	120	24	5,000M	1,190	17 - 26	70 - 90
EV5F080	080	40	5,000M	1,960	18 - 24	90 - 110



Chemical Properties

Mineral acids:	Resistant to most mineral acids
Alkalies:	Essentially unaffected by weak alkalies, but less resistant to stronger alkalies, especially at higher temperatures
Organic solvents:	Generally unaffected, but soluble in some phenolic compounds
Bleaching:	Unaffected
Insects / microorganisms: (mildew, rot)	Unaffected
Laundering / dry cleaning:	Unaffected
Moisture regain:	0.4%

Fastness Properties

Washing Fastness 60°C	ISO 105-C10 C	Grade 4
Water Fastness	ISO 105-E01	Grade 4
Rub Fastness	ISO 105-X12	Grade 4
Hypochlorite Fastness	ISO 105-N01	Grade 4
Dry Cleaning Fastness	ISO 105-D01	Grade 4
Perspiration Fastness	ISO 105-E04	Grade 4
Artificial Light Fastness	ISO 105-B02	Grade 4

COATS EcoVerde™
Epic™ AWF

100% RECYCLED
POLYESTER CORESPUN
PFC FREE ANTI-WICK





Sustainability at Coats



Energy

We reduce carbon emissions through more efficient use of energy and transitioning to renewable sources whenever they become available. This is our crucial contribution to combat climate change.



Materials

With Coats EcoVerde we are driving the material transition away from virgin oil-based sewing threads. And we are on target to achieve 60% sustainable materials by 2026.



Water

The colouration or dyeing process is where we use the most water in our operations. We take great care of water resource by reducing our water intensity and through the installation of water recycling facilities.



Waste

Through all our processes we ensure that we recover, re-use and recycle as much material as possible. Where residual waste product is unavoidable, the waste is processed responsibly and always with the smallest impact on the environment.



People

We have a responsibility to employees, their families, our communities and all the people in our wider supply chain who touch our business. Through policies, programmes and community events, we ensure that safety, wellbeing, fairness, equality, diversity and opportunity are always top of mind for everyone.

Other products in the range

To complement the Coats EcoVerde Epic range, we also have a selection of specialist Epic threads. Each of these have additional benefits specific to the end use.

Product Name	Description
Coats EcoVerde Epic	100% recycled premium polyester corespun with polyester wrap thread that is precisely engineered to create durable, attractive seams on a wide range of fabrics across many applications.
Coats EcoVerde Epic AS	100% recycled premium polyester corespun with polyester wrap thread designed for outdoor wear and engineered to provide excellent static and dynamic friction values which reduce leakage of 'down' through the needle hole.
Coats EcoVerde Epic Rugged	100% recycled premium polyester corespun with polyester wrap high-tech thread which combines the strength, performance and superior properties of Epic with bleach-fastness for a thread that can withstand denim wash processes.
Coats EcoVerde Epic Supermax	100% recycled premium polyester corespun with polyester wrap thread - An ultimate sewing thread for smooth, premium-looking seams on fine tailoring and high quality garments.

Special use Epic products are typically available across a select range of ticket sizes and technical information will in some cases vary from the above table.

To drive your hidden costs down, talk to Coats. From product 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



Since conditions and applications vary considerably in the use of a product, the customer and/or user should assure themselves that the product meets end customer requirements and is suitable for the intended end use. Coats accepts no liability for unsuitable or improper use or application of products. Information provided is based on current averages and should be taken only as indicative. Coats accepts no liability for the precision and correctness of the information provided. Product information sheets are updated from time to time, please be sure you are referring to the most recent publication. Coats supports customers with advice on individual applications on request; if you have any questions or concerns, please contact us. Coats® is a registered trademark of J. & P. Coats, Limited. Coats EcoVerde™ and Epic™ are trademarks of J. & P. Coats, Limited. © Copyright reserved 2026. JANUARY 2026