

# Coats® Epic™ EcoVerde AWF

Coats presents a new range of anti-wick sewing threads that are free of perfluorinated compounds (PFCs). The anti-wick PFC-free threads for apparel end-use are offered in the Coats polyester thread brands Epic and Gral.

This leading development is one of the many positive actions taken by Coats to demonstrate its commitment to sustainability and safety. The threads have a PFC-free anti-wick finish which prevents the capillary action of water transportation through the thread in the seam.

Coats anti-wick PFC-free threads are the very best thread choice for no-compromise, premium water-resistant outdoor wear. Epic EcoVerde AWF (100% recycled polyester corespun) is being launched in the standard thread sizes and put-up lengths. The fibres on the surface of the thread help to 'lock' the thread in the seam, limiting thread movement and helping to prevent runback.

**COATS**  
*epic  
ecoverde awf*



100% RECYCLED  
POLYESTER CORESPUN  
WITH PFC-FREE ANTI-WICK

## WHY CHOOSE EPIC ECOVERDE AWF?

- The PFC-free anti-wick finish prevents the capillary action of water transportation through the thread in the seam
- High seam strength due to the construction of Epic, with the continuous filament polyester core and soft staple polyester wrap
- The fibres on the surface of the thread help to "lock" the thread in the seam, limiting thread movement and helping to prevent runback
- Coats Epic EcoVerde AWF is a high-tech corespun thread that combines a high tenacity polyester filament core with a polyester fibre wrap to make a versatile and productive thread
- Specially formulated finish delivers a high degree of water resistance
- Specially lubricated to deliver outstanding sewing performance in the most demanding applications
- The high strength polyester filament core provides excellent seam appearance and strength
- Excellent abrasion resistance delivers flexibility and durability in the seams
- Globally available in an extensive colour range

## MAIN USES:

- Soft Shell Outdoor Jackets
- Performance Rainwear
- Workwear
- Outdoor Wear



# Coats Epic EcoVerde AWF

## PRODUCT RANGE

Art / Tkt	Ticket	Tex	Length	Average Strength cN	Elongation % Min - Max	Recommended Needle Size Metric
EV5F120	120	24	5,000m	1,186	17 - 26	70 - 90
EV5F080	80	40	5,000m	1,965	18 - 24	90 - 110

## CHEMICAL PROPERTIES

Mineral acids:	Resistant to most mineral acids
Alkalis:	Essentially unaffected by weak alkalis, but less resistant to stronger alkalis, 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 at 60°C	(ISO 105 C10:2006 C(3))	Grade 4
Water Fastness	(ISO 105 E01:2010)	Grade 4
Rub Fastness	(ISO 105 X12:2001)	Grade 4
Hypochlorite Fastness	(ISO 105 N01:1993)	Grade 4
Dry Cleaning Fastness	(ISO 105 D01:2010)	Grade 4
Perspiration Fastness	(ISO 105 E04:2009)	Grade 4
Artificial Light Fastness	(ISO 105 B02:1994)	Grade 4



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 preciseness 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. © Copyright reserved 2023



# Coats Epic EcoVerde AWF

## 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.



### Seamworks

Install our Seamworks software to accurately calculate costs prior to production, putting an end to the risk of over or under ordering materials, and incurring unnecessary extra costs. The Seamworks tool is provided with installation, training and ongoing support included.



### 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 thread 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.



### Embroidery Service Centre

Our Embroidery Service Centre makes embroidering a design much easier, increasing productivity at the same time as enhancing the design itself. Email the design and any problematic issues to us and our technicians will email the improved design right back.



### 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.

## OTHER PRODUCTS IN THE EPIC RANGE

To complement the Epic range, we also have a selection of specialist Epic threads. Each of these combines the superior properties of the Epic product with additional benefits specific to the end use.

Product Name	Description
<b>Epic EcoVerde</b>	100% recycled polyester corespun thread that is precisely engineered to create durable, attractive seams on a wide range of fabrics across many applications.
<b>Epic EcoVerde AS</b>	100% recycled polyester corespun thread designed for outdoor wear and engineered to provide excellent static and dynamic friction values which reduce leakage of 'down' through the needle hole.
<b>Epic EcoVerde Rugged</b>	100% recycled premium polyester corespun 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.
<b>Epic EcoVerde Multicolour</b>	100% recycled premium polyester corespun thread - A pure polyester thread that is a part of the flagship Epic range of threads and gives each garment a truly unique finish.
<b>Epic EcoVerde Supermax</b>	100% recycled premium polyester corespun 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.



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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/epic-ecoverde-awf](http://www.coats.com/epic-ecoverde-awf)

