



# Coats® EcoVerde™ Gramax™ AWF

Coats EcoVerde Gramax AWF is a 100% recycled polyester continuous filament textured thread with a PFC-free anti-wick finish. It is a kinder choice for the environment, with the finish helping to prevent water from being taken up by the thread.

Coats anti-wick PFC-free threads are the very best thread choice for no-compromise, premium water-resistant outdoor wear. Gramax AWF textured filaments give the thread a soft feel and help provide comfort in next-to-skin seams.



COATS EcoVerde™

Gramax™  
AWF



100% RECYCLED  
TEXTURED POLYESTER  
PFC FREE ANTI-WICK

2026

## Why choose Coats EcoVerde™ Gramax™ AWF?

- Gramax AWF provides good seam coverage and softness for neat, comfortable seams
- The PFC-free anti-wick finish inhibits the capillary effect, thereby ensuring that no water is taken up by the thread
- When the correct sewing tension is used, the transport of water through the needle hole is prevented
- 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
- Global Recycled Standard (GRS) certified

## Main Uses:

- In all next-to-skin garments for maximum comfort
- In water repellent garments to prevent the capillary action of water transportation through the thread in the seam



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
VicOne	Cone					
EFM5160	N/A	160	18	5,000 M	620	20 - 32
EFMD140	EFMC140	140	21	5,000 M	800	20 - 32

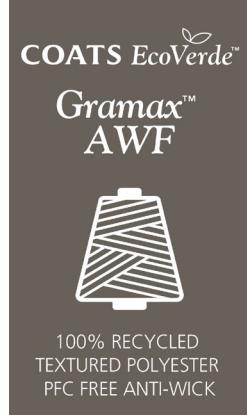
## Fastness Properties

Washing Fastness 60°C	ISO 105-C10 C	Grade 4
Water Fastness	ISO 105-E01	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

These fastness grades represent minimum performance levels and, in practice, the majority of shades will exceed these levels.

## 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%





## 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 Gramax range, we also have a selection of specialist Gramax threads. Each of these have additional benefits specific to the end use.

Product Name	Description
Coats EcoVerde Gramax	100% recycled polyester continuous filament textured thread
Coats EcoVerde Gramax AS	100% recycled polyester continuous filament textured thread ideal for use in the loopers of overlocking, serging and cover seaming to provide softness and comfort and deliver neat, well balanced seams.

Special use Gramax 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](http://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 Gramax™ are trademarks of J. & P. Coats, Limited. © Copyright reserved 2026.

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