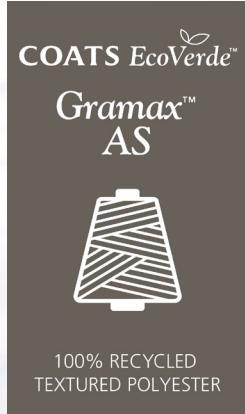




# Coats® EcoVerde™ Gramax™ AS

Coats EcoVerde Gramax AS is 100% recycled polyester continuous filament textured thread with AS finish for extra smooth, neat seams with lower tension settings. The textured filaments give the thread a soft feel and make it ideal for use in the loopers of overlocking, serging and cover seaming to provide softness and comfort, especially in next-to-skin seams.

The Coats EcoVerde AS range of threads are designed to meet the needs of outdoor performance sportswear, woven outerwear and fashion jackets.



2026

## Why choose Coats EcoVerde™ Gramax™ AS?

- Good seam coverage and softness for neat, comfortable seams
- Low shrinkage property ensures no seam distortion after washing
- High level of colour fastness even in demanding washing conditions
- The lower dynamic friction values of Coats EcoVerde Gramax AS also enhance the uniformity of the stitch formation allowing neat, well balanced seams
- 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:

- Activewear and Sportswear



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					
EVS1160	EV1S160	160	18	5,000M	620	20 - 32
EVS1140	EV1S140	140	21	5,000M	800	20 - 32
EVS1080	EV1S080	80	35	5,000M	1300	20 - 32

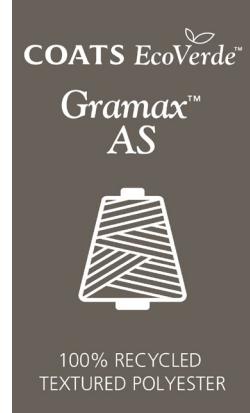
## Fastness Properties

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:	Resistant to weak alkalies
Organic solvents:	Generally unaffected, but soluble in some phenolic compounds
Bleaching:	Unaffected
Insects / microorganisms: (mildew, rot)	Unaffected
Laundering / dry cleaning:	Excellent durability
Moisture regain:	0.4%
Finishes:	The lubricants applied are designed to give a consistent performance at high sewing speeds and minimum variability between shades. They are stable in storage over a wide range of conditions and are not harmful under normal usage. Storage under damp or extreme conditions should be avoided.





## 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

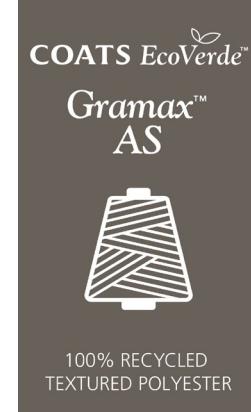
We have a responsibility to employees, their families, our communities and all the people in our wider supply chain who touch our business. Through policies, programmes and community events, we ensure that safety, wellbeing, fairness, equality, diversity and opportunity are always top of mind for everyone.

## 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 AWF	100% recycled polyester continuous filament textured thread with PFC free anti-wick
Coats EcoVerde Gramax Protect	100% recycled polyester continuous filament textured sewing thread with anti-microbial properties

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)

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