



# Coats® EcoVerde™ Gramax™

Coats EcoVerde Gramax is a 100% recycled polyester continuous filament textured thread. 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.



COATS EcoVerde™

Gramax™



100% RECYCLED  
TEXTURED POLYESTER

2026

## Why choose Coats EcoVerde™ Gramax™?

- 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
- 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:

- Babywear which is requiring exceptional softness
- Leisurewear and underwear for maximum comfort of "next to skin" seams
- Underwear for which low shrinkage and high level of colour fastness are priorities
- Knitwear
- Household textiles



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					
EV11160	EV13160	160	18	5,000	620	20 - 32
EV17160	EV1D160	160	18	10,000	620	20 - 32
EV11140	EV13140	140	21	5,000	800	20 - 32
EV17140	N/A	140	21	10,000	800	20 - 32
EV11080	EV13080	080	35	5,000	1,300	20 - 32
EV17080	N/A	080	35	10,000	1,300	20 - 32
EV11040	EV13040	040	70	5,000	2,380	20 - 32
EV17040	N/A	040	70	10,000	2,380	20 - 32

## Areas of Application

	Stitch type	Standard
Coverseams 406	Needle	Coats EcoVerde Epic 120
	Looper	Coats EcoVerde Gramax 160
Overlock 504 or 514	Needle	Coats EcoVerde Epic 120
	Looper	Coats EcoVerde Gramax 160
Flatseams 605 or 607	Needle	Coats EcoVerde Epic 120
	Looper	Coats EcoVerde Gramax 160
	Spreader	Coats EcoVerde Gramax 160

## Thermal Properties

Melts at 250 - 260°C, softens at 220 - 240°C

Shrinkage less than 5% @ 150°C

## 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





## 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 AWF	100% recycled polyester continuous filament textured thread with a PFC-free anti-wick finish
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)



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