



Coats® EcoVerde™ Epic™ Supermax

Coats EcoVerde Epic Supermax is a 100% recycled polyester wrapped corespun thread, which is manufactured using a special core spinning technology. This technology produces a thread with very smooth, almost silky appearance. It enhances the seam appearance & allows for a precise finish to every seam.



2026

Why choose Coats EcoVerde™ Epic™ Supermax?

- Offers beautiful fine-tailored seams without compromising seam strength
- Ensure a clean finish to imitation hand-stitching, eyelets, and buttonholes
- Achieves right first-time superior-sewn products at high speed, due to faultless thread loop formation during sewing, reduced thread breakages & minimal skipped stitching
- High strength polyester core enables finer threads, reducing seam puckering and enhancing seam appearance
- Ideal for contrast stitching requiring neat, precise stitching lines
- 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 the same high level of performance when compared to its virgin equivalent
- Global Recycled Standard (GRS) certified

Main Uses:

- Fine tailored garments
- Outdoor jackets, quilted jackets
- High quality suits
- Finely woven shirts and blouses
- Skirts and dresses
- All woven garments to minimise pucker



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
EXE5180	180	18	5,000M	780	16 - 26	65 - 75
EXE5150	150	21	5,000M	980	16 - 26	65 - 75
EXE5120	120	24	5,000M	1190	16 - 26	70 - 90
EXE5070	70	40	5,000M	2160	16 - 26	90 - 100
EXE5050	50	60	5,000M	3040	16 - 26	100 - 120
EXE3030	30	105	3,000M	4800	16 - 26	110 - 130

*Use EXE7 for 2500m in ticket 180, 150, 120 and 050

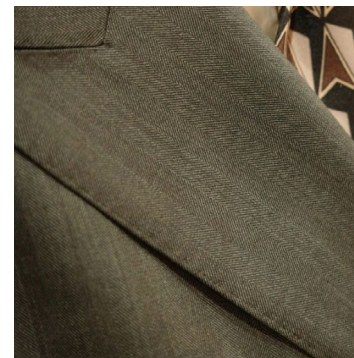
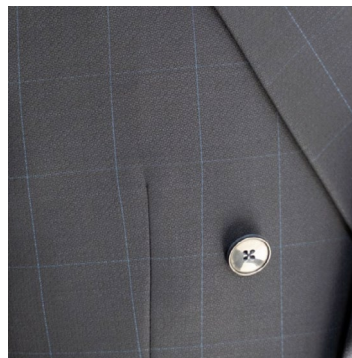
Chemical Properties

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 Fastness 60°C	ISO 105-C10C	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.





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 Supermax range, we have 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
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 AWF	100% recycled premium polyester corespun with polyester wrap thread with free of perfluorinated compounds (PFCs), an environmentally friendly, anti-wicking thread for water resistant outdoor wear and workwear.
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.

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 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. Coats® is a registered trademark of J. & P. Coats, Limited. Coats EcoVerde™ and Epic™ are trademarks of J. & P. Coats, Limited. © Copyright reserved 2026.

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