

Coats® Epic™ EcoVerde™

Coats Epic EcoVerde is a 100% recycled premium polyester corespun sewing thread that has been precisely engineered to create durable, attractive seams across a wide range of recycled fabrics and materials.

From delicate silks and leisurewear to robust denims, Epic EcoVerde ensures an excellent stitch formation and seam appearance – even under the most demanding production line conditions.



COATS
epic ecoverde



100% RECYCLED
POLYESTER
CORESPUN WITH
POLYESTER WRAP

WHY CHOOSE EPIC ECOVERDE?

- Epic EcoVerde is a stronger, more durable, precisely engineered sewing thread with lower repair rates, lower returns to manufacturer, lower irregulars and increased productivity
- Less energy intensive to produce in comparison to virgin materials, which results in lower carbon emissions during production
- Delivers same level of performance as the virgin equivalent range, whilst offering sustainability benefits
- World-class quality, greater abrasion resistance and perfect colour matching also explain why Epic EcoVerde is the thread of choice worldwide
- The high strength core allows use of finer threads and needles without compromising strength compared to staple spun threads
- Excellent colour fastness performance level
- Global Recycled Standard (GRS) certified
- Standard 100 by Oeko-Tex® Class I

MAIN USES:

- Fashion apparel
- Blouses and shirts
- Jackets and dress slacks
- Lingerie and swimsuits
- Uniforms and workwear
- Jeanswear
- Various leather articles



Coats Epic EcoVerde



PRODUCT RANGE

Art/Tkt	Ticket	TEX	Length	Average Strength cN	Elongation % Min - Max	Recommended Needle Size Metric
EV51180	180	18	5,000 M	784	17 - 22	65 - 75
EV31180	180	18	3,000 M	784	17 - 22	65 - 75
EV51120	120	24	5,000 M	1,186	17 - 26	70 - 90
EV31120	120	24	3,000 M	1,186	17 - 26	70 - 90
EV51080	080	40	5,000 M	1,965	18 - 24	75 - 90
EV53080	080	40	3,000 M	1,965	18 - 24	75 - 90
EV51050	050	60	5,000 M	3,038	18 - 29	100 - 120
EV53050	050	60	3,000 M	3,038	18 - 29	100 - 120
EV51040	040	80	5,000 M	3,940	18 - 25	100 - 120
EV53040	040	80	3,000 M	3,940	18 - 25	100 - 120
EV53030	030	105	3,000 M	4,787	18 - 25	110 - 130



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

Wash 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 5

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



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 for 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 2021



Coats Epic EcoVerde



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 designs ready for manufacturing.

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 coats.com/epic-ecoverde

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
Epic	High quality, polyester corespun that is precisely engineered to create durable, attractive seams on a wide range of fabrics across many applications
Epic AS	Range of threads designed for outdoor wear and engineered to provide excellent static and dynamic friction values which reduce leakage of 'down' through the needle hole.
Epic AWF	Free of perfluorinated compounds (PFCs), an environmentally friendly, anti-wicking thread for water-resistant outdoor wear and workwear.
Epic RD	Polyester corespun thread conforms to U.S. Legislation CFR1615 and BS EN 14878:2007 (Nightwear Safety Regulations) in children's nightwear.
Epic Metallic	Pick-and-mix colour range of metallised yarn and polyester thread to sew decorative stitching on denim.
Epic Multicolour	A pure polyester thread that is a part of the flagship Epic range of threads and gives each garment a truly unique finish.
Epic Protect	Coats Epic Protect sewing thread is treated with an innovative process to give the finished thread anti-microbial / anti-fungal properties.
Epic Rugged	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.
Epic SIF	Polyester covered corespun thread that is free from silicone and ideal for filtration needs within the automotive industry.
Epic Supermax	Ultimate sewing thread for smooth, premium-looking seams on fine tailoring and high quality garments.
Epic Verifi	Versatile quality polyester corespun sewing thread with an embedded security system.

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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