

# Coats® Dual Duty™ EcoVerde

Coats Dual Duty EcoVerde is a premium quality cospun thread that combines a high tenacity 100% recycled polyester filament core with a Better Cotton Initiative (BCI) certified cotton cover. The filament core offers excellent strength and durability, while the long staple cotton wrap ensures excellent sewing performance and protects the core from needle heat.

**COATS**  
*dual duty  
ecoverde*



100% RECYCLED  
POLYESTER  
CORESPUN WITH  
COTTON WRAP

## WHY CHOOSE DUAL DUTY ECOVERDE?

- Dual Duty EcoVerde delivers excellent sewing performance in the most demanding applications
- The high tenacity polyester filament core allows the use of finer thread sizes improving seam appearance without compromising seam strength
- Excellent wash-down characteristics make Dual Duty ideal for denimwear and jeans
- Outstanding abrasion resistance for demanding jeans and workwear applications
- Standard 100 by Oeko-Tex® 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:

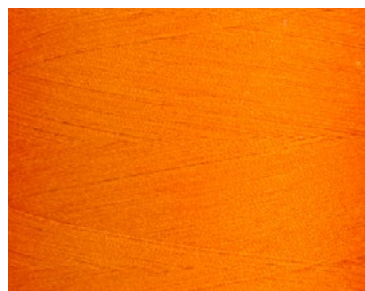
- Classic denimwear and jeans
- Heavy duty outdoor wear and cargo trousers
- For soft, natural feel seams on fine cotton fabrics and for premium lingerie
- High speed sewing operations for towels and home furnishings



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## PRODUCT RANGE

Article Ticket	Ticket	Tex	Length	Average Strength cN	Elongation % Min - Max	Recommended Needle Size Metric
EV25180	180	21	5,000 M	840	13 - 18	65 - 75
EV25120	120	24	5,000 M	1,039	18 - 22	75 - 90
EV25100	100	30	5,000 M	1,250	18 - 22	75 - 90
EV25075	75	40	5,000 M	1,862	18 - 24	90 - 100
EV25050	50	60	5,000 M	2,842	18 - 24	100 - 120
EV25036	36	80	5,000 M	3,528	18 - 24	110 - 130
EV25030	30	105	5,000 M	3,724	18 - 24	110 - 130
EV25025	25	120	5,000 M	5,390	20 - 26	120 - 140
EV34020	20	150	2,500 M	7,154	20 - 26	120 - 140



## CHEMICAL PROPERTIES

Mineral acids:	Polyester: is resistant to most mineral acids Cotton: disintegrates in hot dilute and cold concentrated acids
Alkalis:	Polyester: essentially unaffected by weak alkalis, but less resistant to stronger alkalis, especially at higher temperatures Cotton: swells in caustic, no appreciable strength loss
Organic solvents:	Polyester: generally unaffected, but soluble in some phenolic compounds Cotton: degraded by some solvents
Bleaching:	Polyester: unaffected Cotton: bleached by hypochlorite and peroxides
Insects / microorganisms (mildew, rot):	Polyester: unaffected Cotton: degrades but can be treated with special finishes
Laundering / dry cleaning:	Unaffected
Moisture regain:	Polyester: 0.4%, Cotton: 8%

## FASTNESS PROPERTIES

Washing Fastness at 60°C	ISO 105-C10C	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

\* Note: some Vat dyed PCC heavy shades (colour group: 47, 55) will not be able to achieve rub fastness standard. Only Grade 3; also reactive dyed PCC will not meet bleach and possibly light fastness standards. This is currently the case in Europe and shade cards should include a note to that effect



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. © Copyright reserved 2023





# Coats Dual Duty EcoVerde

## EXPERT REAL WORLD SUPPORT

The final cost of any product 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 product 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.

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/dual-duty-ecoverde](http://www.coats.com/dual-duty-ecoverde)

## OTHER PRODUCTS IN THE DUAL DUTY RANGE

To complement the Dual Duty range, we also have a selection of specialist Dual Duty threads. Each of these have additional benefits specific to the end use.

Product Name	Description
Dual Duty EcoVerde Indigo	100% recycled - the eco-friendly response to natural indigo dyed sewing threads.
Dual Duty EcoVerde Supercotton	100% recycled corespun thread that has been especially developed for post dyed cotton garments.
Dual Duty EcoVerde AWF	100% recycled corespun thread with PFC free anti-wicking

Specialist Dual Duty 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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