



Coats® EcoVerde™ Dual Duty™ Supercotton

Coats EcoVerde Dual Duty Supercotton is a highly engineered hybrid sewing thread designed to deliver the benefits of corespun threads coupled with the suitability of use in making post-dyed garments. The polyester filament core of Coats EcoVerde Dual Duty Supercotton offers excellent strength and durability, while the higher percentage of long staple cotton wrap ensures optimal dye uptake and "hides" the polyester filament to avoid speckling effect in the sewn seam. Coats EcoVerde Dual Duty Supercotton is a good choice for post-dyed garments where the end colour of the garment is known to some extent before the dyeing process.

2026

Why choose Coats EcoVerde™ Dual Duty™ Supercotton?

- The polyester core provides higher tenacity and elongation as well as lower shrinkage compared to 100% cotton threads leading to superior seam quality
- Special cotton wrap provides excellent dye uptake
- Unique corespun construction delivers enhanced sewing performance and abrasion resistance even compared to "premium" quality 100% cotton threads
- Specially formulated lubrication for low friction sewing
- 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:

- Post dyed jeans and denim wear
- All 100% cotton post dyed garments



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
ETD5120	120	24	5,000M	680	8 - 20	75 - 90
ETD5075	075	40	5,000M	990	10 - 20	90 - 100
ETD5050	050	60	5,000M	1,540	15 - 25	100 - 120
ETD5030	030	105	5,000M	3,720	21 - 27	110 - 130
ETD5025	025	120	5,000M	2,840	12 - 24	120 - 140

Recommendations

Shade	Core Colour	Wrap Colour	Recommendation
Shade Y0000	Polyester core natural	Cotton wrap bleached	For light or very light (like white) garments
Shade 07CTT	Polyester core grey	Cotton wrap natural	For medium colour garments
Shade 13CTT	Polyester core dark grey	Cotton wrap natural	For medium to dark, and very dark colour garments

Chemical Properties

Mineral acids:	Polyester: is resistant to most mineral acids Cotton: disintegrates in hot dilute and cold concentrated acids
Alkalies:	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:	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 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

*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.





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 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
Coats EcoVerde Dual Duty	100% recycled polyester corespun with cotton wrap
Coats EcoVerde Dual Duty Indigo	100% recycled polyester corespun with cotton wrap - the eco-friendly response to natural indigo dyed sewing threads.
Coats EcoVerde Dual Duty AWF	100% recycled polyester corespun with cotton wrap 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.



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

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