

COATS
secura ecoverde



RECYCLED FUSIBLE
POLYESTER
CORESPUN WITH
POLYESTER WRAP

Coats® Secura™ EcoVerde

Coats Secura EcoVerde is a 100% recycled fusible polyester / polyester cospun, self-locking thread offering an enhanced button security in the garments. The thread is impregnated with a fusible compound, which creates a fusible fibre matrix upon thermal activation by steam or normal iron, and offers increased cohesion and enhanced button security. Coats Secura EcoVerde exhibits excellent button pull through strength, excellent sewability, and good abrasion resistance that seals loose ends.

WHY CHOOSE SECURA ECOVERDE?

- Enhanced button security and increased button pull through strength
- Reduces costly returns (RTMs)
- Safeguarding against choking for children's wear
- Improves customer satisfaction
- 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:

- Button sewing of all garments
- Shirt buttons
- Buttons in ladies blouses for work wear
- Buttons in children's wear
- Trousler buttons without shank
- Bead attachment
- Sequin attachment
- Suits and blazers



Coats Secura EcoVerde thread is sewn through the button in the same way as a regular thread, so there is no need for investment in new machinery. After sewing, the thread is fused to itself during the normal pressing operation. The recommended fusing temperature is 110°C - 120°C (polyester settings) with a dwell time of 10 seconds.



Coats Secura EcoVerde

PRODUCT RANGE

Article Ticket	Ticket	Tex	Length	Average Strength cN	Elongation % Min - Max	Recommended Needle Size Metric
EV03120	120	24	5,000 M	1,190	17 - 22	75 - 90
EV02075	75	40	2,000 M	1,960	18 - 24	90 - 110

SECURA ECOVERDE IS AVAILABLE IN A SELECTED RANGE OF 20 SHADES ONLY

White	C9114	C7157	C8597	C8368	C9630	C9675	C8604	C8264	C5189
C7177	C7152	C7253	C4684	C7315	C7330	C3940	C3822	C8937	Black

THERMAL PROPERTIES

Melting point polyester 250°C

Fusible softens at 110°C - 120°C

CHEMICAL PROPERTIES

Mineral acids: Decomposed by strong mineral acids but resistant to weak acids

Alkalis: Essentially unaffected by weak alkalis, but less resistant to stronger alkalis, especially at higher temperatures

Organic solvents: Generally unaffected

Bleaching: Unaffected, deterioration dependent on conditions

Insects / microorganisms (mildew, rot): Unaffected

Moisture regain: Approximately 4.5%

FASTNESS PROPERTIES

Water Fastness ISO 105 E01 Grade 4

Rub Fastness ISO 105 X12 Grade 4-5

Artificial Light Fastness (SAE J1885 40 kJ/m²) Grade 4

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 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 2024



Coats Secura 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.

To drive your hidden costs down, talk to Coats. From thread audits in pre-production to the latest technological bulletins, we'll provide support that achieves measurable results.

For more information, talk to your Coats representative today or visit [coats.com/secura-ecoverde](https://www.coats.com/secura-ecoverde)



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