



Coats® EcoVerde™ Gral™ for Apparel

Coats EcoVerde Gral is a lubricated polyester thread made from 100% recycled pre-stabilised high tenacity continuous filament polyester.

The soft finish with superior low friction lubrication reduces the effects of needle heat and abrasion on a range of apparel applications.



2026

Why choose Coats EcoVerde™ Gral™ for Apparel?

- Coats EcoVerde Gral is an excellent sewing thread for a wide range of apparel applications and has very good abrasion resistance
- The soft finish with superior low friction lubrication reduces the effects of needle heat and abrasion
- Coats EcoVerde Gral exhibits excellent loop formation, consistent stitch formation and neat seam appearance
- In the finer sizes used for blind stitching and hemming, Coats EcoVerde Gral is semi-transparent and blends into the fabric colour, reducing the frequency of thread changes
- 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:

- Blindstitching and hemming
- Preventing down and synthetic filling loss for quilting operations
- High speed multi-head quilting operations
- Serging on fine woven fabrics such as jacket linings



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
EV05300	300	10	5,000M	630	17 - 23	55 - 70
EV23300	300	10	3,000M	630	17 - 23	55 - 70
EV05180	180	14	5,000M	920	17 - 24	65 - 75
EV23120	120	21	3,000M	1,420	16 - 26	75 - 90
EV05080	080	35	5,000M	2,170	16 - 26	75 - 90
EV23080	080	35	3,000M	2,170	16 - 26	75 - 90
EV22080	080	35	2,000M	2,170	16 - 26	75 - 90

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

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%

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 Gral™ are trademarks of J. & P. Coats, Limited. © Copyright reserved 2026.

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