



Coats® EcoVerde™ Gral™ (Coarse Sizes)

Coats EcoVerde Gral is a lubricated polyester thread made from 100% recycled pre-stabilised high tenacity continuous filament polyester. It is compatible with all footwear materials and delivers the same outstanding look, feel and performance you would expect from Coats virgin polyester thread.



2026

Why choose Coats EcoVerde™ Gral™ (Coarse Sizes)?

- Made from 100% recycled polyester
- Coats EcoVerde Gral is an excellent sewing thread for a wide range of footwear 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
- 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:

- Dress shoes
- Casual footwear
- Vulcanised footwear
- Air bags
- Filtration
- Seat belts
- Automotive interiors



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
EV23080	080	35	3,000M	2,170	16 - 26	80 -100
EV23060	060	40	3,000M	2,620	16 - 26	80 -100
EV23040	040	60	3,000M	4,230	16 - 26	90 -110
EV22030	030	80	2,000M	5,200	20 - 30	100 -120
EV20020	020	135	1,000M	8,360	17 - 27	110 -130
EV20015	015	180	1,000M	11,400	19 - 30	125 -140
EV20010	010	270	1,000M	16,630	20 - 35	160 -180
EV24008	008	350	600	19,480	20 - 36	160 -180

Thermal Properties

Melts at 250 - 260°C, softens at 220 - 240°C

Shrinkage less than 2.5% @ 150°C

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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