

Coats® Gral EcoVerde for Apparel

Coats Gral EcoVerde 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.

COATS
gral EcoVerde
for Apparel



RECYCLED CONTINUOUS
FILAMENT POLYESTER

WHY CHOOSE GRAL ECOVERDE FOR APPAREL?

- Made from 100% recycled polyester
- Coats Gral EcoVerde 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
- Gral EcoVerde exhibits excellent loop formation, consistent stitch formation and neat seam appearance
- In the finer sizes used for blind stitching and hemming, Gral EcoVerde is semi-transparent and blends into the fabric colour, reducing the frequency of thread changes
- Standard 100 by OEKO TEX

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



Coats Gral EcoVerde for Apparel

PRODUCT RANGE

Art/Tkt	Ticket	Tex	Length m	Strength cN	Elongation % Min - Max	Needle Size Metric
EV05180	180	14	5,000	920	17 - 24	65 - 75
EV05120	120	21	5,000	1420	16 - 26	75 - 90



THERMAL PROPERTIES

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

Shrinkage less than 1% @ 150°C

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%

FASTNESS PROPERTIES

Washing at 60°C	(ISO 105 C10:2006 C(3))	Grade 4
Water fastness	(ISO 105 E01:2010)	Grade 4
Rub fastness	(ISO 105 X12:2001)	Grade 4
Dry Cleaning Fastness	(ISO 105 D01:2010)	Grade 4



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 for 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 2022



Coats Gral EcoVerde for Apparel

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 thread 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/gral-ecoverde-for-apparel



RECYCLED CONTINUOUS
FILAMENT POLYESTER

