



Coats® EcoVerde™ Gral™ AWF for Apparel

Coats EcoVerde Gral AWF has a specially formulated finish that delivers a high degree of water resistance to seams on outdoor wear and rainwear. Its PFC-free, anti-wick finish is kinder to the environment and helps prevent water from being taken up by the thread.

Made from 100% continuous filament polyester, our Coats EcoVerde Gral AWF has a high strength- to-fineness ratio which makes it possible to sew fine seams without compromising on strength. Its lubricated finish enables it to withstand tough sewing environments and gives seams a smooth appearance.



COATS EcoVerde™
Gral™ AWF
for Apparel



100% RECYCLED
CONTINUOUS
FILAMENT POLYESTER

2026

Why choose Coats EcoVerde™ Gral™ for Apparel?

- Coats EcoVerde Gral AWF is a 100% polyester continuous filament
- Its high breaking strength and optimum stretch characteristics produce smooth and attractive seams on leather footwear
- The PFC-free anti-wick finish inhibits the capillary effect, thereby ensuring that no water is taken up by the thread
- When the correct sewing tension is used, the transport of water through the needle hole is prevented
- 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:

- Outdoor wear
- Rainwear
- Workwear



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
EFG5180	180	14	5,000M	920	17 - 24	65 -75
EFG5120	120	21	5,000M	1,420	16 - 26	75 -90
EV2F120	120	21	3,000M	1,420	16 - 26	75 -90

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
Alkalies:	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



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