



Coats® EcoVerde™ Gral™ AWF (Coarse Sizes)

Coats EcoVerde Gral AWF for coarse sizes delivers near water-resistant and abrasion-resistant seams, making it an excellent choice for outdoor footwear and accessories. It has a high strength-to-fineness ratio and has been specially lubricated to give a smooth, refined look. The lubrication also helps it to perform well during sewing.

Our Coats EcoVerde Gral AWF is made from a 100% polyester continuous filament thread. Its PFC-free, anti-wick finish is kinder to the environment and helps prevent water travelling through the seam.

COATS EcoVerde™

Gral™ AWF



100% RECYCLED
CONTINUOUS
FILAMENT POLYESTER
PFC FREE ANTI-WICK

2026

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

- 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:

- Backpacks
- Leather goods
- Protective footwear
- Soft luggage
- Sports footwear
- Walking boots
- Safety shoes



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
EV2F080	080	35	3,000M	2,170	16 - 26	80 - 100
EV2F060	060	40	3,000M	2,620	16 - 26	80 - 100
EV2F040	040	60	3,000M	4,230	16 - 26	90 - 110
EV2F040	030	80	3,000M	5,200	20 - 30	100 - 120
EVF1020	020	135	1,000M	8,360	17 - 27	110 - 130
EVF1015	015	180	1,000M	11,400	19 - 30	125 - 140
EVF1010	010	270	1,000M	16,630	20 - 35	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



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