Coats® EcoVerde™ Dual Duty™ AWF

COATS EcoVerde™
Dual Duty™ AWF

100% RECYCLED
POLYESTER CORESPUN
ANTI-WICK PFC FREE

Coats Dual Duty EcoVerde AWF has a specially formulated finish which delivers a high degree of water resistance, making it an excellent choice for outdoor goods. This premium quality corespun thread combines a high tenacity polyester filament core with a natural cotton cover. The PFC-free anti-wick finish inhibits the capillary effect, thereby ensuring that no water is taken up by the thread. This leading development is one of the many positive actions taken by Coats to demonstrate its commitment to sustainability and safety.

When the correct sewing tension is used, the transport of water through the needle hole is prevented. Dual Duty EcoVerde AWF is a popular thread for speciality applications, e.g. sailing gear, life jackets, heavy duty awning and tent sewing.

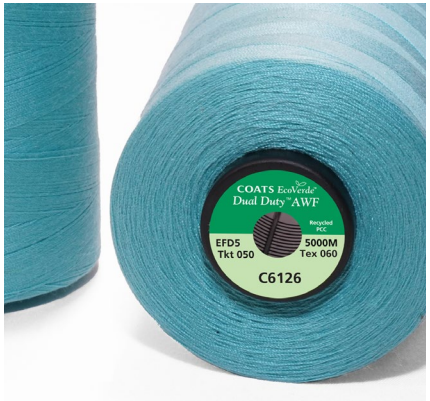
2026

Why choose Coats EcoVerde™ Dual Duty™ AWF?

- The PFC-free anti-wick finish prevents the capillary action of water transportation through the thread in the seam
- Specially formulated finish delivers a high degree of water resistance
- Specially lubricated to deliver outstanding sewing performance in the most demanding applications
- The filament core offers excellent strength and durability, while the long staple cotton wrap ensures excellent sewing performance and protects the core from needle heat
- The high tenacity polyester filament core allows the use of finer thread sizes improving seam appearance without compromising seam strength
- 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 goods
- Sports Equipment
- Sailing gear
- Life Jackets
- Heavy Duty Awning
- Tents



Global Recycled Standard
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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
EFD5075	75	40	5,000M	1,860	20 - 26	90 - 100
EFD5050	50	60	5,000M	2,840	20 - 26	100 - 120
EFD5036	36	80	5,000M	3,530	20 - 26	110 - 130
EFD3025	25	120	5,000M	5,390	22 - 28	120 - 140
EFD3020	20	150	3,000M	7,150	20 - 26	120 - 140

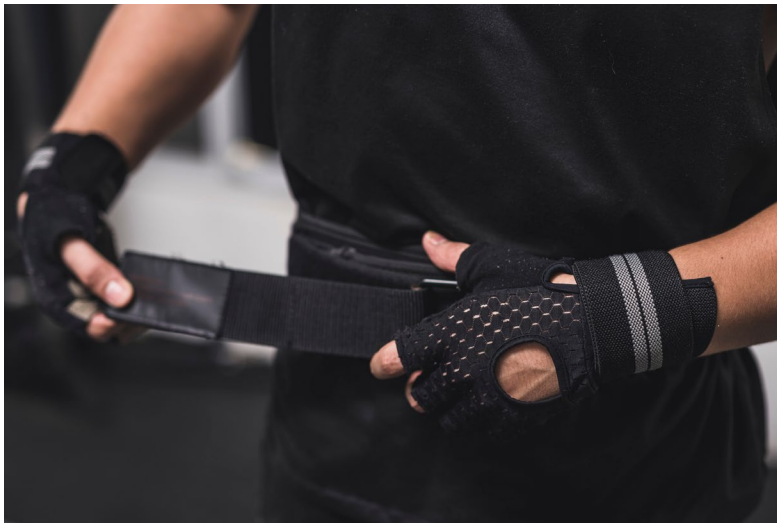
Chemical Properties

Mineral acids:	Polyester: is resistant to most mineral acids Cotton: disintegrates in hot dilute and cold concentrated acids
Alkalis:	Polyester: essentially unaffected by weak alkalis, but less resistant to stronger alkalis, especially at higher temperatures Cotton: swells in caustic, no appreciable strength loss
Organic solvents:	Polyester: generally unaffected, but soluble in some phenolic compounds Cotton: degraded by some solvents
Bleaching:	Polyester: unaffected Cotton: bleached by hypochlorite and peroxides
Insects / microorganisms: (mildew, rot)	Polyester: unaffected Cotton: degrades but can be treated with special finishes
Laundering / dry cleaning:	Unaffected
Moisture regain:	Polyester: 0.4%, Cotton: 8%

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

*Note: some Vat dyed PCC heavy shades (colour group: 47, 55) will not be able to achieve rub fastness standard. Only Grade 3; also reactive dyed PCC will not meet bleach and possibly light fastness standards. This is currently the case in Europe and shade cards should include a note to that effect.



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Sustainability at Coats

Energy

We reduce carbon emissions through more efficient use of energy and transitioning to renewable sources whenever they become available. This is our crucial contribution to combat climate change.

Materials

With Coats EcoVerde we are driving the material transition away from virgin oil-based sewing threads. And we are on target to achieve 60% sustainable materials by 2026.

Water

The colouration or dyeing process is where we use the most water in our operations. We take great care of water resource by reducing our water intensity and through the installation of water recycling facilities.

Waste

Through all our processes we ensure that we recover, re-use and recycle as much material as possible. Where residual waste product is unavoidable, the waste is processed responsibly and always with the smallest impact on the environment.

People

We have a responsibility to employees, their families, our communities and all the people in our wider supply chain who touch our business. Through policies, programmes and community events, we ensure that safety, wellbeing, fairness, equality, diversity and opportunity are always top of mind for everyone.

Other products in the range

To complement the Coats EcoVerde Dual Duty range, we also have a selection of specialist Dual Duty threads. Each of these have additional benefits specific to the end use.

Product Name	Description
Coats EcoVerde Dual Duty	A premium quality corespun thread that combines a high tenacity 100% recycled polyester corespun with cotton wrap.
Coats EcoVerde Dual Duty Indigo	100% recycled polyester corespun with cotton wrap - the eco-friendly response to natural indigo dyed sewing threads.
Coats EcoVerde Dual Duty Supercotton	100% recycled polyester corespun with cotton wrap thread that has been especially developed for post dyed cotton garments.

Specialist Dual Duty products are typically available across a select range of ticket sizes and technical information will in some cases vary from the above table.

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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JANUARY 2026