



# Coats® EcoVerde™ Seamsoft™ Protect

Coats EcoVerde Seamsoft Protect is a 100% recycled micro-filament textured polyester thread that offers exceptional softness and comfort for next-to-skin seams. It is treated with an innovative process to give the finished thread anti-microbial / anti-fungal properties.

The anti-microbial process creates a “zone of inhibition” that prevents the growth of odour and stain causing bacteria and pathogens around sewn seams, where microbes like to harbour, leaving seam crevices clean and fresh.

COATS EcoVerde™  
Seamsoft™  
Protect



100% RECYCLED  
MICRO-FILAMENT  
TEXTURED POLYESTER

2026

## Why choose Coats EcoVerde™ Seamsoft™ Protect?

- Coats EcoVerde Seamsoft Protect delivers exceptional softness in the seams with the added benefit of anti-microbial properties; fights mould and mildew
- Tested against AATCC 100 Anti-Microbial Test. 96% effectiveness even after 75 washes
- Meets Fungi Resistance Test - No growth of mould culture *Aspergillus Brasiliensis* (ATCC 9642), *Penicillium Pinophilum* (ATCC 11797), *Chaetomium Globosum* (ATCC 6205), *Gliocladium Virens* (ATCC 9645) and *Aureobasidium Pullulans* (ATCC 15233)
- Inhibits bacteria that causes odour and it is stain resistant
- 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:

- Medical light mattresses
- Medical supports
- Medical / hospital gowns
- Tents
- Backpacks
- Sports gloves
- Sports apparel
- Uniforms
- Workwear
- Military



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
EPS5160	160	18	5,000	640	22 - 34
EPS5140	140	24	5,000	990	23 - 35
EPS5120	120	16	5,000	690	23 - 38

\*Standard put-up length for Seamsoft Protect is 5000m.  
For short length put-up 2500m, use article code EPS7 in place of EPS5.  
Coats EcoVerde Seamsoft Protect Tkt 120 is High Twist level.

## Fastness Properties

Washing Fastness 60°C	ISO 105-C10 C	Grade 4
Water Fastness	ISO 105-E01	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

These fastness grades represent minimum performance levels and, in practice, the majority of shades will exceed these levels.

## 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.

## Chemical Properties

Mineral acids:	Unaffected by the majority of mineral and organic acids
Alkalis:	Resistant to weak alkalis
Organic solvents:	Generally unaffected, but soluble in some phenolic compounds
Bleaching:	Unaffected
Laundering:	Excellent durability
Finishes:	The lubricants applied are designed to give a consistent performance at high sewing speeds and minimum variability between shades. They are stable in storage over a wide range of conditions and are not harmful under normal usage. Storage under damp or extreme conditions should be avoided.

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](http://www.coats.com)



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