

# Coats® Astra™ EcoVerde

Coats Astra EcoVerde is a 100% recycled staple spun polyester (SSP) thread across a wide range of recycled fabrics and materials. It is an exceptional thread of its type with dependable sewing performance where cost matters.

Astra meets the highest environmental and safety standards and is 100% polyester.



COATS

*astra  
ecoverde*



100% RECYCLED  
STAPLE SPUN  
POLYESTER

## WHY CHOOSE ASTRA ECOVERDE?

- Astra EcoVerde makes for durable, long-lasting seams which look good throughout the sewn product lifetime
- Sewers prefer Astra EcoVerde due to reduced machine downtime, higher productivity and consistent sewing performance compared with regular SSP threads
- Low fault levels and dependable thread quality with worldwide availability
- Astra special use products are specifically engineered with additional benefits e.g. Astra Rugged, Astra WF, Astra RD
- Peace of mind from respected, responsible global company with clean and efficient operations

- Consistent global approach to manage and minimise the environmental impact
- High level of colour fastness
- STANDARD 100 by OEKO-TEX® 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

- Knitwear
- Wovens
- Shirts and blouses
- Jackets
- Children's apparel
- Dresses
- Workwear
- Economy denim
- Underwear



# Coats Astra EcoVerde



## PRODUCT RANGE

Article	Ticket	Tex	Length	Average Strength cN	Elongation % Min-Max	Recommended Needle Size Metric
EV65180	180	18	5,000M	660	13 - 20	65 - 75
EV65150	150	21	5,000M	790	13 - 20	65 - 75
EV65120	120	27	5,000M	990	13 - 20	75 - 90
EV63120	120	27	3,000M	990	13 - 20	75 - 90
EV65110	110	27	5,000M	990	13 - 20	75 - 90
EV65080	080	40	5,000M	1410	13 - 20	75 - 90
EV63080	080	40	3,000M	1276	13 - 20	75 - 90
EV65075	075	40	5,000M	1500	13 - 20	90 - 110
EV63075	075	40	3,000M	1500	13 - 20	90 - 110
EV65050	050	60	5,000M	2200	13 - 20	100 - 120
EV63050	050	60	3,000M	2200	13 - 20	100 - 120
EV62030	030	80	2,000M	3180	15 - 22	110 - 130
EV62025	025	105	2,000M	4250	15 - 22	120 - 140
EV62024	024	120	2,000M	4270	15 - 22	120 - 140

## 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
Hypochlorite Fastness	(ISO 105 N01:1993)	Grade 4
Dry Cleaning Fastness	(ISO 105 D01:2010)	Grade 4
Perspiration Fastness	(ISO 105 E04:2009)	Grade 4
Artificial Light Fastness	(ISO 105 B02:1994)	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 2023

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## EXPERT REAL WORLD SUPPORT

The final cost of any thread 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 thread 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.

## OTHER PRODUCTS IN THE ASTRA RANGE

To complement the Astra range, we also have a selection of specialist Astra threads. Each of these combines the superior properties of the Astra product with additional benefits specific to the end use.

Product Name	Description
Astra	Staple spun polyester
Astra Rugged	Staple spun polyester bleach-fast thread for denim
Astra EcoVerde Rugged	100% Recycled staple spun polyester bleach-fast thread for denim

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



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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

<https://www.coats.com/astra-ecoverde>

