

Coats® Astra™ EcoVerde Rugged

Coats Astra EcoVerde Rugged is a 100% recycled staple spun polyester (SSP) thread for denim sewing. It is particularly resistant to harsh wash processes containing bleach.

COATS
*astra EcoVerde
rugged*



100% RECYCLED
STAPLE SPUN POLYESTER
THREAD FOR DENIM

WHY CHOOSE ASTRA ECOVERDE RUGGED?

- Astra EcoVerde Rugged makes for durable, long-lasting seams which look good throughout the sewn product lifetime
- Sewers prefer Astra EcoVerde Rugged due to reduced machine downtime, higher productivity and consistent sewing performance compared with regular SSP threads
- Low fault levels and dependable thread quality with everywhere availability
- Best bleach fastness – minimum colour change under strong bleaching conditions
- Peace of mind from respected, responsible global company with clean and efficient operations
- Consistent global approach to manage and minimise the environmental impact
- 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

- Denim
- Jeans
- Outdoor Wear



Coats Astra EcoVerde Rugged

PRODUCT RANGE

Article Ticket	Ticket	Tex	Length	Average Strength cN	Elongation % Min - Max	Recommended Needle Size Metric
EV5R180	180	18	5,000 M	544	13 - 20	65 - 75
EV4R150	150	21	4,000 M	712	13 - 20	65 - 75
EV5R150	150	21	5,000 M	712	13 - 20	65 - 75
EV3R120	120	27	3,000 M	877	13 - 20	75 - 90
EV5R120	120	27	5,000 M	877	13 - 20	75 - 90
EV4R110	110	27	4,000 M	784	13 - 20	75 - 90
EV5R110	110	27	5,000 M	784	13 - 20	75 - 90
EV3R080	080	40	3,000 M	1,267	13 - 20	75 - 90
EV5R080	080	40	5,000 M	1,267	13 - 20	75 - 90
EV3R075	075	40	3,000 M	1,218	13 - 20	90 - 110
EV5R075	075	40	5,000 M	1,218	13 - 20	90 - 110
EV3R050	050	60	3,000 M	1,873	13 - 20	100 - 120
EV2R030	030	80	2,000 M	2,860	15 - 22	110 - 130
EV2R025	025	105	2,000 M	3,828	15 - 22	120 - 140
EV1R010	010	240	1,000 M	7,413	15 - 22	160 - 200

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

FASTNESS PROPERTIES

Wash Fastness 60°C	ISO 105-C10C	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



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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 from 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 2024



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EXPERT REAL WORLD SUPPORT

The final cost of any product 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 product selection 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 (SSP) thread that is resistant to sunlight and chemical degradation.
Astra Rugged	Staple spun polyester (SSP) for denim bleach wash processes.
Astra EcoVerde	100% Recycled staple spun polyester (SSP)

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.

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/astra-ecoverde-rugged



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