

Coats® EcoRegen AS

Coats EcoRegen AS is a range of 100% lyocell threads made from sustainably sourced wood pulp. It is an eco-friendly regenerated fibre which can be recycled and is fully biodegradable and compostable due to its cellulosic origin.

EcoRegen AS provides a solution for oil sensitive materials such as CO fabrics and has the potential to reduce lube migration.

With the highest dry and wet strength amongst all the cellulosic fibres, it delivers superior elongation and comfort across a wide range of apparel sewing and embroidery applications.

COATS
EcoRegen as



100% LYOCELL

WHY CHOOSE ECOREGEN AS?

- Eco-friendly regenerated fibre, made from sustainably sourced wood pulp
- Fully biodegradable and compostable due to its cellulosic origin
- Nature based product with superior elongation, outstanding comfort and touch feel, ideal for next to skin applications
- Lyocell in comparison to cotton, does not require irrigation, pesticides or labour intensive processes during its cultivation
- EcoRegen has the highest dry & wet strength amongst all the cellulosic fibres
- Reduced carbon footprint - the cellulose fibre is carbon neutral and is made from 100% controlled wood
- Closed-loop manufacturing process (99.7% solvent recovery)
- Life Cycle Assessments available
- Provides solutions for oil-sensitive materials such as CO fabrics and stain migration

MAIN USES:

- Shirts and blouses
- T-shirts
- Post dye garment
- Athleisure
- Ladieswear
- Menswear
- Knitwear
- Wovens
- Dresses
- Underwear
- Children's apparel
- Workwear



Coats EcoRegen AS



PRODUCT RANGE

Art/tkt	Ticket	Tex	Length	Strength cN	Elongation % Min - Max	Needle Size Metric
ERA5060	60	30	5000m	830	8 - 14	75 - 90
ERA5050	50	35	5000m	1029	8 - 14	75 - 90

FASTNESS PROPERTIES

Wash Fastness 60°C	ISO C10-03	Grade 4
Water Fastness	ISO 105 E01:2010	Grade 4
Rub Fastness	ISO -105-X 12	Grade 4
Dry Cleaning Fastness	ISO 105 D01:2010	Grade 4
Perspiration Fastness	ISO 105 E04:2009	Grade 4

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



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



Coats EcoRegen AS



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.



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.

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 www.coats.com/ecoregen-as

