



Coats® Epic™

Coats Epic thread is a versatile quality polyester cospun sewing thread used by leading brands and manufacturers worldwide to make their products better. Coats Epic can be used in many different applications and in a wide range of fabrics from delicate silks to robust denims and high tech performance materials; at all times ensuring excellent stitch formation and good looking seam appearance.

Choosing to use Coats Epic will not only enhance the appearance of sewn products but can greatly improve the productivity and performance of a sewing production line. Finished with a specially formulated lubricant it delivers excellent sewing performance at low tension under the most demanding of conditions.



2026

Why choose Coats Epic™ ?

- Coats Epic is a stronger, more durable, precisely engineered sewing thread whose superior performance results in benefits to customers such as lower repair rates, reduce consumer returns, lower irregulars and increased productivity.
- World-class quality, greater abrasion resistance and perfect colour matching also explain why Epic is the thread of choice worldwide.
- The high strength core allows use of finer threads and needles without compromising strength compared to staple spun threads.
- Excellent colour fastness performance level.
- OEKO-TEX® STANDARD 100, Product Class I.

Main Uses:

- Fashion apparel for attractive seam appearance and perfect colour matching.
- Broad category of garments and accessories that provides higher sewing productivity and fewer wash rejects.
- Uniforms and workwear where is needed strong, durable and pucker-free seams.
- Jeanswear and casual twills requiring resistance to industrial laundry washing.
- Lingerie women's swimwear in a wide range of colors.





Product Range

Article Ticket	Ticket	Tex	Length	Average Strength cN	Elongation % Min - Max	Recommended Needle Size
2994180	180	18	5,000 M	780	17 - 26	65 - 75
2994150	150	21	5,000 M	980	17 - 26	65 - 75
2994120	120	24	5,000 M	1,190	17 - 26	75 - 90
2994100	100	30	5,000 M	1,490	17 - 26	75 - 90
2994080	80	40	5,000 M	1,960	18 - 24	90 - 110
2994050	50	60	5,000 M	3,040	18 - 25	100 - 120
2994040	40	80	5,000 M	3,940	21 - 28	100 - 120
2994030	30	105	5,000 M	4,790	20 - 27	110 - 130
2994025	25	120	5,000 M	6,080	21 - 28	120 - 140
*2993020	20	135	3,000 M	7,150	20 - 27	120 - 140
*2993012	12	210	3,000 M	9,800	21 - 28	120 - 140

* Standard put-up length for Epic is 5000m. For short length put-up 3000m, use article code 2993 in place of 2994.

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 C	Grade 4
Water Fastness	ISO 105-E01	Grade 4
Rub Fastness	ISO 105-N01	Grade 4
Hypochlorite Fastness	ISO 105-D01	Grade 4
Dry Cleaning Fastness	ISO 105-E04	Grade 4
Perspiration Fastness	ISO 105-B02	Grade 4
Artificial Light Fastness	ISO 105-B02:1994	Grade 4

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





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.

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

COATS

Epic™



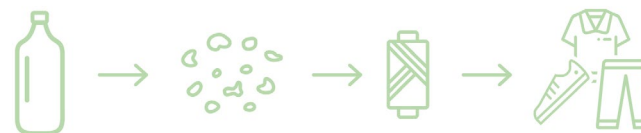
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WITH POLYESTER WRAP

Introducing Coats EcoVerde

COATS EcoVerde™

The first globally available 100% recycled line of GRS certified sewing threads. Coats EcoVerde delivers the same proven level of performance as the industry's leading non-recycled threads, but with a drastically reduced carbon footprint.

Ask Coats today about Coats EcoVerde Epic.
www.coats.com



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. Coats® is a registered trademark of J. & P. Coats, Limited. Epic™ is a trademark of J. & P. Coats, Limited. © Copyright reserved 2026. AUGUST 2026