

Coats® Epic™ Rugged

When you choose Epic Rugged thread, you can be confident of higher performance, increased productivity on your sewing lines and all important for denim wash processes, reduced thread damage and reduced thread breakage at the industrial wash process.

Epic Rugged is for denim sewing. It has all the superior properties of Epic and in addition, is particularly resistant to harsh wash processes containing bleach. Coats Epic Rugged thread is a versatile, durable, precisely engineered sewing thread made from 100% polyester. The construction of the thread, with the continuous filament polyester core and soft staple polyester wrap, delivers higher strength compared to staple spun polyester thread.

COATS
epic rugged



**POLYESTER
CORESPUN THREAD
FOR DENIM**

WHY CHOOSE EPIC RUGGED?

- Coats Epic Rugged is a high-tech corespun thread that combines a high tenacity polyester filament core with a polyester fibre wrap for maximum strength and durability
- Specially lubricated to deliver excellent sewing performance
- Best bleach fastness – minimum colour change under strong bleaching conditions
- Excellent protection for seams against abrasion, ideal for stone washing processes
- Certified to Öko-Tex Standard 100, class I, the most stringent class covering babywear

MAIN USES:

- Denim
- Jeans
- Outdoor Wear

PRODUCT RANGE

Art / Tkt	Tex	Ticket	Length	Strength cN	Elongation % Min - Max	Needle Size Metric
T994 120	24	120	5,000m	1,190	17 - 22	75 - 90
T994 100	30	100	5,000m	1,490	17 - 22	75 - 90
T994 080	40	80	5,000m	1,960	18 - 24	75 - 90
T993 050	60	50	3,000m	3,530	18 - 25	100 - 120
T993 040	80	40	3,000m	3,940	18 - 25	100 - 120
T993 030	105	30	3,000m	4,790	18 - 25	110 - 130
T920 028	105	28	2,000m	5,910	18 - 25	110 - 130
T993 025	120	25	3,000m	6,080	18 - 25	120 - 140
T910 020	135	20	1,000m	7,150	18 - 25	120 - 140
T910 018	150	18	1,000m	8,040	18 - 25	130 - 160

Please contact your local Coats office should you require additional thread sizes.



Coats Epic Rugged

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



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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 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 2019

Coats Epic Rugged

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.

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 coats.com/epic-rugged

OTHER PRODUCTS IN THE EPIC RANGE

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

Product Name	Description
Epic	High quality, polyester corespun that is precisely engineered to create durable, attractive seams on a wide range of fabrics across many applications.
Epic AWF	Free of perfluorinated compounds (PFCs), an environmentally friendly, anti-wicking thread for water-resistant outdoor wear and workwear.
Epic RD	Polyester corespun thread which delivers passive flame retardant properties, produced to conform to Nightwear Safety Regulations making it an ideal choice for children's nightwear.
Epic Metallic	Pick-and-mix colour range of metallised yarn and polyester thread to sew decorative stitching on denim.
Epic Multicolour	A pure polyester thread that is a part of the flagship Epic range of threads and gives each garment a truly unique finish.
Epic Protect	Coats Epic Protect sewing thread is treated with an innovative process to give the finished thread anti-microbial / anti-fungal properties.
Epic AS	Range of threads designed for outdoor wear and engineered to provide excellent static and dynamic friction values which reduce leakage of 'down' through the needle hole.
Epic SIF	Polyester covered corespun thread that is free from silicone and ideal for filtration needs within the automotive industry.
Epic Supermax	Ultimate sewing thread for smooth, premium-looking seams on fine tailoring and high quality garments.
Epic Verifi	Versatile quality polyester corespun sewing thread with an embedded security system.

Special use Epic 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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