

COATS
tre cerchi



100%
COTTON

Coats® Tre Cerchi™

Coats Tre Cerchi is a top-of-class mercerised cotton sewing thread made with excellent quality long-staple cotton fibre. It is perfect for sewing beautiful, lustrous seams on a wide range of products. Ideal for achieving the natural look of a cotton thread.

WHY CHOOSE TRE CERCHI?

Tre Cerchi is a top-of-class mercerised cotton sewing thread available in a selected range of colours for general sewing and available as unbleached for garment dye end-use.

- Tre Cerchi thread has a smooth surface and high lustre or shine, resulting in beautiful seams
- As Tre Cerchi is mercerised cotton, the thread takes up the dye consistently giving the best colour result every time
- Natural look of cotton thread
- Certified to Öko-Tex Standard 100, class I, the most stringent class covering textile items for babies and toddlers
- Meets Coats restricted substance list
- Suitable for vegan requirements

MAIN USES:

- Sewing of high quality leather jackets and other products made from leather

AREAS OF APPLICATION: POST DYED GARMENTS:

- Knitted garments
- Casualwear
- Denimwear
- Shirts

- Post dyed garments
- Embroidery and decorative top stitching

LEATHER PRODUCTS:

- High quality leather jackets
- Motorcycling wear
- Other garments made from leather



Coats Tre Cerchi

PRODUCT RANGE

Art / Tkt	TEX	Ticket	Length	Strength cN	Elongation % Min - Max	Needle Size Metric
7802 080	21	80	5,000m	650	3 - 8	70 - 75
7802 050	35	50	5,000m	1030	3 - 8	80 - 90
7802 040	45	40	5,000m	1280	3 - 8	90 - 110
7802 030	60	30	5,000m	1820	3 - 8	110 - 120
7802 024	70	24	5,000m	2070	4 - 9	110 - 120
7802 020	90	20	5,000m	2700	4 - 9	120 - 130
7802 016	120	16	5,000m	3520	5 - 10	130 - 160



THERMAL PROPERTIES

Burns readily. Decomposes at 400°C

Prolonged exposure to sunlight causes yellowing and strength loss

Good durability. Shrinkage at 100°C typically 1% or less

Sensitive to temperatures greater than 350°C

CHEMICAL PROPERTIES

Acids:	Sensitive to mineral acids especially if halogenated
Alkalis:	Swells in caustic mercerising but is not damaged
Organic solvents:	Generally unaffected by most organic solvents. Generally unaffected by sodium hypochlorite, sodium perborate and peroxide bleaches under controlled conditions. There is a probability of strength loss if contaminated with iron during bleaching
Insects / microorganisms (mildew, rot):	Resistant to ageing and moth attacks but sensitive to mildew growth
Moisture regain:	Approximately 8%
Finishing:	The lubricants applied are designed to give consistent performance at high sewing speeds and a minimal variability between shades
Bleaching:	Good resistance to chlorine
Abrasion resistance:	Low

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
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 2019



Coats Tre Cerchi

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 technological bulletins, we'll provide support that achieves measurable results.

For more information, talk to your Coats representative today or visit coats.com/tre-cerchi



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