

COATS
secura



**FUSIBLE POLYESTER
CORESPUN WITH
POLYESTER WRAP**

Coats® Secura™

Coats Secura is a fusible polyester / polyester cospun, self-locking thread offering an enhanced button security in the garments. The thread is impregnated with a fusible compound, which creates a fusible fibre matrix upon thermal activation by steam or normal iron, and offers increased cohesion and enhanced button security. Coats Secura exhibits excellent button pull through strength, excellent sewability, and good abrasion resistance that seals loose ends.

WHY CHOOSE SECURA?

- Enhanced button security and increased button pull through strength
- Reduces costly returns (RTMs)
- Safeguarding against choking for children's wear
- Improves customer satisfaction
- 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:

- Button sewing of all garments
- Shirt buttons
- Buttons in ladies blouses for work wear
- Buttons in children's wear
- Trouser buttons without shank
- Bead attachment
- Sequin attachment
- Suits and blazers

PRODUCT RANGE

Art / Tkt	TEX	Ticket	Length	Strength cN	Elongation % Min - Max	Needle Size Metric
9003 120	24	120	5000m	1190	17 - 22	75 - 90
9003 075	40	75	2000m	1960	18 - 24	90 - 110

Coats Secura thread is sewn through the button in the same way as a regular thread, so there is no need for investment in new machinery.

After sewing, the thread is fused to itself during the normal pressing operation. The recommended fusing temperature is 110°C - 120°C (polyester settings) with a dwell time of 10 seconds.



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SECURA IS AVAILABLE IN A SELECTED RANGE OF 20 SHADES ONLY

White	C9114	C7157	C8597	C8368	C9630	C9675	C8604	C8264	C5189
C7177	C7152	C7253	C4684	C7315	C7330	C3940	C3822	C8937	Black



THERMAL PROPERTIES

Melting point polyester 250°C,

Fusible softens at 110°C - 120°C

CHEMICAL PROPERTIES

Mineral acids:	Decomposed by strong mineral acids but resistant to weak acids
Alkalis:	Essentially unaffected by weak alkalis, but less resistant to stronger alkalis, especially at higher temperatures
Organic solvents:	Generally unaffected
Bleaching:	Unaffected, deterioration dependent on conditions
Insects / microorganisms (mildew, rot):	Unaffected
Moisture regain:	Approximately 4.5%

FASTNESS PROPERTIES

Water Fastness	(ISO 105 E01:2010)	Grade 4
Rub Fastness	(ISO 105 X12:2001)	Grade 4-5
Artificial Light Fastness	(SAE J1885 40 kJ/m2)	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 2019



Coats Secura

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/secura](https://www.coats.com/secura)



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