



Coats Ultra Lock (mattress)

Coats Ultra Lock is a 100% polyester sewing thread with a unique construction that has been specifically designed for use on a comprehensive range of sewing equipment.

Produced using a 100% polyester continuous filament base, Coats Ultra Lock is ideally suited for use on the tape edging operation of mattress production. Coats Ultra Lock provides a range of benefits compared to ordinary staple spun polyester sewing threads and for tape edging mattresses. It may also be used to replace conventional continuous filament threads.

The benefits of Coats Ultra Lock over ordinary staple spun polyester threads include enhanced strength, increased elongation, improved sewing performance and higher abrasion resistance.

Coats Ultra Lock is a highly engineered hybrid sewing thread designed to deliver excellent machine performance, seam strength, seam elongation and durability.

100% POLYESTER

Product Information



Why choose Ultra Lock?

Compared to ordinary staple spun polyester threads

- Unique construction and lower fault levels deliver superior sewing performance.
- No surface hairiness results in a neater / cleaner seam appearance.
- Higher tenacity provides improved seam strength.
- Almost 'zero' faults, improves productivity.
- Specially formulated lubrication delivers low friction sewing.
- Meets Coats restricted substance list.

Technical Services

Our team of experts deliver innovative solutions globally.





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100% POLYESTER

Product Information

Tex	Ticket	Ply	Strength cN	Elongation % Min - Max	Needle Size Metric
70	40	3	2600	22 - 30	100 - 120

Thermal Properties:

- Melts at 250 - 260°C, softens at 220 - 230°C

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:

- Wash fastness: ISO 105 C10 C Grade 4
- Water fastness: ISO 105 E01 Grade 4
- Rub fastness: ISO 105 X12 Grade 4
- Hypochlorite fastness: ISO 105 N01 Grade 4
- Dry cleaning fastness: ISO 105 D01 Grade 4
- Perspiration fastness: ISO 105 E04 Grade 4
- Artificial light fastness: ISO 105 B02 Grade 4



Since conditions and applications vary considerably in the use of a product, the customer and/or user should assure herself or himself 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 above 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.

