



Coats Terko Satin

Coats Terko Satin is a cotton wrapped polyester corespun thread with a glacé finish. Coats Terko Satin combines the excellent sewing performance of cotton with the superior strength and elongation characteristics of continuous filament polyester. The cotton wrap protects the polyester core from needle heat even in the most demanding of applications. The glacé finish is imparted through a special polishing process using a proprietary formulation. This finish binds together the fibrous surface of the thread and creates a lustrous finish to the thread with enhanced abrasion resistance.



Main Uses:

- Leather garments
- Gloves and hand bags
- Wallets and purses
- Automotive interiors
- Travel goods
- Leather goods
- Sporting goods
- Saddlery and harness
- Protective footwear
- Technical textiles

Why choose Terko Satin?

- Corespun thread that couples the high tenacity of a polyester filament core with a cotton wrap, delivering the sewing performance of a continuous filament thread, yet providing the appearance of cotton.
- Polished through a specially-engineered process using a customised formulation to ensure that the fibres are held together during tough sewing operations, resulting in strong seams.
- Cotton wrap protects the polyester core from needle heat generated during high speed sewing, thus preserving the thread's strength.
- In wet, outdoor conditions, cotton wrap absorbs the water and swells to fill the needle holes completely to prevent leakage.
- Controlled stretch characteristics yield excellent sewability with tight, firm stitches on multiple leather surfaces.
- Meets Coats restricted substance list.

Technical Services

Our team of experts deliver innovative solutions globally.





Coats Terko Satin

POLYESTER /
COTTON
CORESPUN GLACÉ

Product Information

Tex	Ticket	Ply	Strength cN	Elongation % Min - Max	Needle Size Metric
40	75	2	1810	17 - 23	90 - 100
60	50	3	2760	17 - 23	100 - 120
80	36	2	3650	20 - 26	110 - 130
90	30	2	3800	20 - 26	110 - 130
105	25	3	5230	19 - 25	120 - 140
150	20	4	6890	17 - 23	120 - 140
180	15	5	9310	20 - 26	130 - 160
180	16	3	8790	18 - 24	130 - 160
250	16 / 4	4	11880	19 - 25	130 - 160
210	12	2	10360	21 - 27	130 - 160
300	8	3	15390	22 - 28	160 - 200
400	6	4	21380	20 - 26	160 - 200
500	5	5	26600	24 - 30	180 - 220

Thermal Properties:

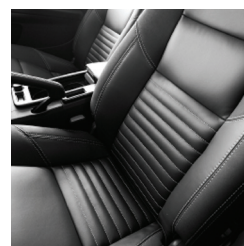
- Polyester melts at 250 - 260°C, softens at 220 - 240°C
- Cotton discolours after prolonged exposure to high temperatures
- Thread shrinkage less than 1% @ 150°C

Chemical Properties:

- Mineral acids:
Polyester: is resistant to most mineral acids
Cotton: disintegrates in hot dilute and cold concentrated acids
- Alkalies:
Polyester: essentially unaffected by weak alkalis, but less resistant to stronger alkalis, especially at higher temperatures
Cotton: swells in caustic, no appreciable strength loss
- Organic solvents:
Polyester: generally unaffected, but soluble in some phenolic compounds
Cotton: degraded by some solvents
- Bleaching:
Polyester: unaffected
Cotton: bleached by hypochlorite and peroxides
- Insects / microorganisms (mildew, rot):
Polyester: unaffected
Cotton: degrades but can be treated with special finishes
- Laundering / dry cleaning:
Unaffected
- Moisture regain:
Polyester: 0.4%
Cotton: 8%

Fastness Properties:

- Wash fastness: ISO 105 C10C(3) 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.

