



Coats Tristar

Coats Tristar is a knotless, twisted and plied thread with a circular cross section which is consistently uniform throughout its length. Its flawless design gives a strong good looking seam with a neat, uniform appearance and beautiful lustre. With dyeability comparable to soft threads, Coats Tristar offers attractive, high-lustre colours and whiter whites.

Coats Tristar cuts cleanly without separation of the plies at thread trimming. Its low friction finish reduces the effects of needle heat and abrasion. Coats Tristar is perfect for multi-directional sewing and it also eliminates the need for right-twist thread for twin needle lockstitch applications, simplifying thread ordering and inventory.



Main Uses:

- Automotive car seats
- Furniture upholstery
- Mattress tape edge
- Footwear

Why choose Tristar?

- 100% continuous filament nylon internally bonded.
- Excellent ply adhesion, safeguards against ply untwisting in zig zag through multiple layers.
- Soft, supple stitching and ideal for multi-directional sewing.

Technical Services

Our team of experts deliver innovative solutions globally.





Coats Tristar

CONTINUOUS
FILAMENT
NYLON 6.6

Product Information

Tex	Ticket	Ply	Strength cN	Elongation % Min - Max	Needle Size Metric
70	40	2	3240	16 - 31	100 - 120
90	30	3	6380	16 - 34	120 - 140

Thermal Properties:

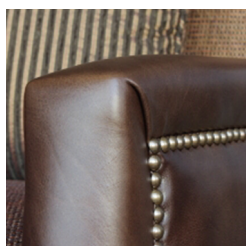
- Melts at 260°C, sticks at 190°C and above
- Shrinkage is less than 1% @ 150°C

Chemical Properties:

- Mineral acids: Decomposed by strong mineral acids but resistant to weak acids
- Alkalies: Essentially unaffected by weak alkalis, but less resistant to stronger alkalis, especially at higher temperatures
- Organic solvents: Generally unaffected
- Bleaching: Unaffected, deterioration dependant on conditions
- Insects / microorganisms (mildew, rot): Unaffected
- Moisture regain: Approximately 4%

Fastness Properties:

- Wash fastness (ISO 105 C03) Grade 4
- Water fastness (ISO 105 E01) Grade 4
- Rub fastness (ISO 105 X12) Grade 4
- Artificial light fastness (ISO 105 B02) Grade 3 - 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.

