



Coats Star

Coats Star is a bonded nylon thread made from pre-stabilised continuous filament nylon 6.6. It cuts cleanly at thread trimming with no ply separation and provides superior abrasion resistance in the sewn product.

BONDED
CONTINUOUS
FILAMENT
NYLON 6.6

Product Information



Main Uses:

- Leather footwear
- Leather goods
- Furniture Upholstery
- Automotive
- Luggage and travel goods
- Outdoor goods and sports equipment
- Protective footwear
- Filtration
- Computer contour stitching
- Athletic and general footwear

Why choose Star?

- Coats Star is a high tenacity nylon 6.6 for outstanding strength and durability.
- World class quality and superior abrasion resistance.
- Unique bond chemistry and proprietary coating technology produces a strong and supple thread with no ply untwisting, no flaking and no 'sewn in' colour change.
- Specially formulated lubricant for high temperature resistance and smooth operation through the needle eye without breaks, skips or staining.
- Controlled stretch characteristics for good loop formation and tight, firm and balances stitches.
- Certified to Öko-Tex Standard 100.
- Meets Coats restricted substance list.

Technical Services

Our team of experts deliver innovative solutions globally.





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Product Information

Tex	Ticket	Ply	Strength cN	Elongation % Min - Max
35	80	3	2160	15 - 26
45	60	2	3210	16 - 29
70	40	3	4700	16 - 29
105	30	3	6100	16 - 29
135	20	3	9500	17 - 29
180	15	3	13020	17 - 29
210	13	3	13330	17 - 31
270	10	3	18170	17 - 31
400	8	3	23090	17 - 33

Thermal Properties:

- Melting point 250°C, sticks at 229°C

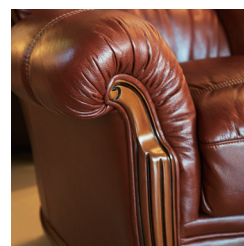
Chemical Properties:

- Mineral acids: Decomposed by strong mineral acids but resistant to weak acids
- Alkalis: Unaffected, good resistance to alkalis
- Organic solvents: Generally unaffected
- Bleaching: Poor resistance to chlorine
- Insects / microorganisms (mildew, rot): Unaffected
- Laundering / dry cleaning: Unaffected
- Moisture regain: Approximately 4.5%

Fastness Properties:

- Wash fastness: (ISO 105 C10 C) Grade 3
- Water fastness: (ISO 105 E01) Grade 3 - 4
- Rub fastness: (ISO 105 X12) Grade 3 - 4
- Artificial light fastness: (ISO 105 B02) Grade 2 - 3

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 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.

