

Coats Ultra Dee

COATS
ultra dee



Coats Ultra Dee is a sewing thread made from high tenacity continuous filament polyester with an innovative bonding technology. Coats Ultra Dee is specifically designed for the demanding applications to deliver superior sewing performance for maximum productivity and seam quality.

Main Uses:

- Automotive seat trims
- Dress and Casual Footwear
- Protective Footwear
- Sports Footwear
- Upholstery and Furniture
- Luggage and leather goods
- Outdoor Goods
- General purpose marine applications

Why choose Ultra Dee?

Innovative bonding technology that safeguards against ply untwisting during the most demanding of sewing applications—no opening of plies with resultant broken/skipped stitches.

20-33% higher retained strength compared with standard lubricated sewing threads leading to less seam breaks.

No bond shedding and resulting contamination of needles and sewn products.

Soft and pliable thread for more balanced stitches.

Strong ply-adhesion leading to a more defined stitch and superior seam appearance.

Vibrant and rich colours which have only been achieved with lubricated threads in the past.

Meets Coats restricted substance list.

Thermal Properties:

- Melting point 250-260°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: Excellent resistance.

Fastness Properties:

- Wash fastness: ISO 105 C10C Grade 4
- Water fastness: ISO 105 E01 Grade 4
- Rub Fastness: ISO 105 X12 Grade 4
- Artificial light fastness: SAE J1885 40 KJ/m² Grade 4

TEX	TICKET	PLY	STRENGTH	ELONGATION %	NEEDLE SIZE	CONE
80	30	3	5480 (5.58 kgf)	15-21	120-140	1500m

Product Information



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