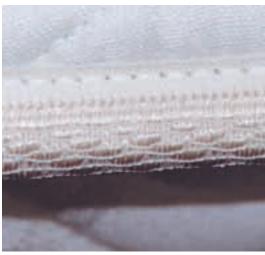
COATS ultimax®

Coats *ultimax*[®] has a special locked filament construction that is engineered for higher uniformity and lower fault levels compared to spun polyester thread. Since it does not depend on twist for consolidation, Coats *ultimax* has better overall performance on automated straight or contour seamers where rethreading can be expensive.









Specialty Applications

- Flags
- Mattress serging, flanging and border stitching
- Mops
- Home furnishings

Apparel Applications

- Waistband looper thread in stone-washed denims – Because of its low profile and oval cross section, COATS *ultimax* seams tend to "bed in" closer to the fabric – enabling waistbands to withstand aggressive denim washes with surprisingly low repair rates.
- Caps

COATS *ultimax*®



LOCKED FILAMENT POLYESTER



Typical Applications by Tex

Tex Size	Application		
27	Napkins		
40	Flags, caps		
60	Mattress serging/flanging/border stitching,		
	flags, denim safety stitch		
90	Denim waistband looper thread, mops		
135	Upholstery		

Technical Data - Coats ultimax

Locked filament polyester

Тех	Approximate Single-End Strength (lbs.)	Approximate yds./lb.	Elongation (%)	Recommended Needle Size (Singer)
27	2.4	16,100	19.0	11-14
40	4.6	10,200	19.0	14-16
60	6.8	7,000	18.0	16-18
90	10.4	4,400	18.0	20-22
135	13.5	3,200	18.0	22-24

- New Tex size 45 developed for trials in LFP bedding market
- Put-ups available: 6000 yds. for colors, 12000 yds. and 18000 yds. on white
- New winding quality

Physical and Chemical Properties of Fibers

Heat: Melts at approx. 260° C – does not support combustion

Acids: Good resistance to most mineral acids

Bleaching: Excellent resistance – superior to nylon

Alkalis: Good resistance to weak alkalis

Organic solvents: Resistant to most solvents

Microorganisms (mildew, rot): Excellent

Moisture regain: Low moisture absorption

Sunlight (degradation): Prolonged exposure causes some

strength loss

Color Range and Fastness

Color range Denim colors formulated

Dry heat-fastness (sublimation) Good
Lightfastness Good
Washfastness Excellent
Crockfastness Excellent
Dry-cleaning fastness Excellent

The above ratings are based on the standard color range and colorfastness provided with this brand. Ratings were derived by accepted test methods of the American Association of Textile Chemists and Colorists. Where special fastness requirements are needed, these may be tailored to suit individual specifications.



COATS ultimax® thread comes to you from the World of Coats, the world's largest supplier of industrial thread products. We have the unique ability to service our customers anywhere in the world with our global product offering, innovative technical solutions, creative ideas and superior customer service. All Coats products are backed by Coats Technical Service, which gives you expert, on-the-spot advice on your sewing problems, absolutely free of cost.