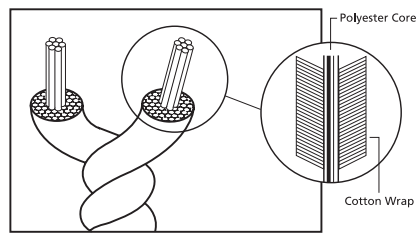




COATS *dual duty*

[Click for a detailed list of products](#)

COATS *dual duty*® is a state-of-the-art corespun thread combining the strength and durability of a polyester filament core with a natural cotton wrap for excellent seam washdown and sewing performance.



COATS *dual duty* comes to you from the World of Coats and is available in more than 60 countries. As the world's largest thread supplier, Coats guarantees global quality and performance. Every COATS *dual duty* color has one number, one specification worldwide.



Ideal Applications

- Classic jeans and outdoor wear
- Fine cotton and denim shirts
- Suits
- Leather goods
- Wrinkle-free casual slacks
- Premium lingerie
- Towels and home furnishings

Why choose COATS dual duty?

- "Faded" designer look on denim
- Resistant to acid and enzyme washes
- Heatproof to ironing
- Excellent sewing performance
- Less wear and tear on machine parts

POLYESTER CORESPUN
WITH COTTON WRAP

Product Information

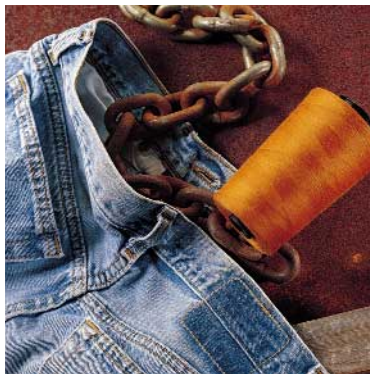




Product Specifications

Global Offer Tex No.	Total Dtex	Ply	Strength (oz.)	Elongation % min - max	Needle size* Singer/Metric
24	260	2	36	17 - 23	12 / 80
40	430	2	67	17 - 23	16 / 100
60	680	2 or 3	111	17 - 23	18 / 110
80	880	2	133	19 - 26	20 / 120
105	1,050	2	133	21 - 29	21 / 130

(*Needle size recommendations are nominal and ultimately depend on the sewing application; companion ready-wound bobbins available. In North America, additional sizes offered are Tex 30, 50, 120 and 150.)



Chemical Properties

Mineral acids: Polyester resistant. Cotton disintegrates in hot dilute and cold concentrated acids.

Alkalis: Polyester is essentially unaffected by weak alkalis, but less resistant to stronger alkalis, especially at higher temperatures. Cotton swells in caustics with no appreciable strength loss.

Organic solvents: Polyester is generally unaffected, but soluble in solvents and some phenolic compounds. Cotton is degraded by some solvents.

Bleaching: Polyester is unaffected. Cotton is bleached by hypochlorite and peroxides.

Insects/microorganisms (mildew, rot): Polyester is unaffected. Cotton degrades but can be treated with special finishes.

Laundering/dry cleaning: Unaffected

Moisture regain: Polyester is 0.4%; Cotton is 8%



Fastness Properties (All Grade 4)

Washfastness	(ISO 105 CO3)
Waterfastness	(ISO 105 E01)
Rub-fastness	(ISO 105 X12)
Hypochlorite fastness	(ISO 105 NO1)
Dry cleaning fastness	(ISO 105 D01)
Perspiration fastness	(ISO 105 EO4)
Lightfastness	(ISO 105 B02)

(These fastness grades represent minimum performance levels. In practice the majority of shades will exceed these levels.)

Thermal Properties

- Polyester melts at 508 - 526°F (250 - 260° C), softens at 454 - 490° F (220 - 240° C)
- Cotton discolors after prolonged exposure to high temperatures
- Shrinkage less than 1% at 328° F (150° C)



Classics that fade in color. Not in strength.

COATS NORTH AMERICA
www.coatscna.com

USA 800 631 0965 CANADA 519 848 3140
MEXICO 011 525 227 1800 HONDURAS 011 504 669 0452