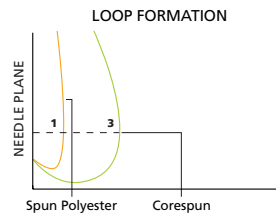
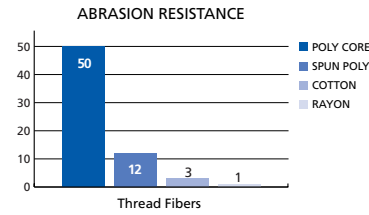


# COATS *epic*

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

COATS *epic*® is a cost-efficient, high-performance cospun thread that combines a high-tenacity polyester filament core with a polyester fiber wrap. Only COATS *epic* helps you meet demanding production schedules by providing quick color service with a single dye cycle.

COATS *epic* 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 *epic* color has one number, one specification worldwide.



COATS  
*epic*



POLYESTER CORESPUN  
WITH POLYESTER WRAP

Product Information



## Ideal applications

- Fashion apparel
- Jeans and casual twills
- Uniforms and workwear
- Swim suits and fine lingerie
- Dress shirts and blouses
- Jackets and dress slacks
- Leather piece goods
- Flat sheets and comforters
- Special fabrics — poplins, silks and microfibers

## Why choose COATS *epic*?

- Quick color service
- Withstands harsh industrial laundry washes
- Strong, durable, pucker-free seams
- Ideal for multi-directional heavy fabric sewing
- Low moisture regain for swimwear
- Higher sewing productivity and fewer wash rejects





## Product Specifications

Global Offer Tex No.	Total Dtex	Ply	Strength (oz.)	Elongation % min - max	Needle size* Singer/Metric
18	210	2	30	13 - 18	9 / 65
24	250	2	36	14 - 19	10 / 70
30	350	2	54	14 - 19	12 / 80
40	450	2	71	15 - 21	13 / 85
60	700	2 or 3	126	15 - 21	14 / 90
80	900	2	142	17 - 24	16 / 100
105	1,100	2	173	17 - 24	18 / 110

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



## 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:** Unaffected

**Insects/microorganisms (mildew, rot):** Unaffected

**Laundering/dry cleaning:** Unaffected

**Moisture regain:** 0.4%



## 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

- Melts at 508 - 526° F (250 - 260° C), softens at 454 - 490° F (220 - 240° C)
- Shrinkage less than 1% at 328° F (150° C)



Quick color. Outstanding value.

COATS NORTH AMERICA  
www.coatscna.com

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