



ENDURANCE®

BIODEGRADABLE, STAPLE SPUN, LYOCELL SEWING THREAD

Endurance® is a biodegradable sewing thread made of cellulosic fiber, lyocell, and is twisted and finished for optimum sewing performance. This sewing thread is ideal for minimizing seam failures during lyocell garment over dyeing applications.

The manmade cellulosic fiber of Endurance® notes improved tensile properties over cotton. When wet, lyocell retains 80% of its dry strength. Strength for size, Lyocell is the only manmade fiber stronger than non-mercerized cotton, wet or dry.



BIODEGRADABLE



BENEFITS

READY FOR GARMENT OVERDYING — Engineered for over dyeing in lyocell, lycra, and stretch garment applications where seam strength and increased abrasion resistance are of the utmost importance.

OPTIMUM SEWING PERFORMANCE — Endurance® is twisted and finished with high performance lubricants, minimizing seam failures and maximizing sewing efficiency on manual and automatic machines.

EXCELLENT COLORFASTNESS — Durable in laundering, this thread provides excellent colorfastness with good chemical resistance. This sewing thread has a higher dye absorbency rate than cotton. Use appropriately for best results.

HIGHLIGHTED USES

- Casual Wear
- Pants and Bottoms
- Shirts and Tops
- Children's Wear
- Denim



ENDURANCE®

PRODUCT INFORMATION*

Application	Size		Strength		Recommended Needle Size
	Tex	Metric	lbs.	kgs.	
Medium Weight	40	75	2.8	1.27	90/14
	60	50	4.7	2.13	110/18
Heavy Weight	90	30	6.3	2.86	125/20

*Physical characteristics provided are for comparative purposes only, final determination of suitability is the sole responsibility of the user. All physical data shown is based on current averages and should not be used as minimum requirements.



HIGHLIGHTED APPAREL SEWING THREADS

- **ANECOT®** — 100% Short Staple, Spun Cotton
- **ANECOT® PLUS** — 100% Long Staple, Spun Cotton
- **ANECOT® PLUS RFD** — Ready-for-Dye, 100% Long Staple, Spun Cotton
- **ANECOT® ORGANIC** — 100% Organic, Long Staple, Spun Cotton

ECO-DRIVEN®

A&E's Eco-Driven mark is a symbol of A&E's commitment to sustainability and its continued investment in innovative technologies that help reduce the environmental footprint of A&E operations globally.

Together with parent company, Elevate Textiles, all Elevate brands support 2025 commitments on responsibly sourced fibers, reduced water consumption, and reduced greenhouse gas targets.

WHY CHOOSE A&E?

QUALITY THREAD PRODUCTS SINCE 1891 — A&E is the world's foremost manufacturer and distributor of premium quality industrial and consumer sewing thread, embroidery thread and technical textiles. A&E's dedication to providing its customers with the finest products and services, at the highest quality, delivered globally and steadfast commitment to superior quality and customer service make A&E the preferred thread supplier. Learn more on A&E's corporate social responsibility and environmental sustainability initiatives, comprehensive product offerings, and global locations at WWW.AMEFIRD.COM.

A&E operates as a distinguished brand of Elevate Textiles. Elevate's brands include: American & Efid, Burlington, Cone Denim, Gütermann and Safety Components. More information is available at WWW.ELEVATETEXTILES.COM.