



# PERMA SPUN® ECO100

**100% RECYCLED POLYESTER, STAPLE SPUN SEWING THREAD**

A&E's Perma Spun® ECO100 is manufactured with 100% recycled polyester, creating an environmentally-friendly, staple spun sewing thread. Twisted and finished for optimum sewing performance, Perma Spun® ECO100 is the ideal thread choice where a wholly recycled, staple spun polyester is required. For use in general sewing, and light and heavy weight garments, Perma Spun® ECO100 delivers excellent seam strength and sewing performance across multiple operations.

Perma Spun® ECO100 is produced in GRS SCOPE CERTIFIED facilities.



## BENEFITS

**100% RECYCLED POLYESTER** — Manufactured with fully recycled polyester, Perma Spun® ECO100 is produced in GRS Scope Certified facilities.

**EXCELLENT SEWABILITY** — Displays an excellent, consistent sewing performance on manual and automatic multi-directional sewing machines providing for fewer interruptions.

**VERY GOOD COLORFASTNESS** — This thread offers very good colorfastness with good chemical resistance.

## HIGHLIGHTED USES

- Knitwear
- Casual Wear
- Casual Slacks
- Menswear
- Ladies Wear
- Dress Shirts / Tops
- Dresses
- Denim / Jeanswear
- Children's Wear
- Jackets
- Embroidery



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## PRODUCT INFORMATION\*

Application	Size		Strength		Recommended Needle Size
	Tex	Metric	lbs.	kgs.	
Light Weight	18	160	1.36	0.62	60/8
	21	140	1.65	0.75	70/10
	27	100	2.07	0.94	75/11
	30	90	2.49	1.13	80/12
Medium Weight	40	60	3.04	1.38	90/14
	45	60	3.32	1.51	100/16
	60	50	4.71	2.14	110/18
	90	30	6.97	3.17	125/20
Heavy Weight	105	27	9.09	4.13	125/20
	120	25	9.92	4.51	130/21

\*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 SUSTAINABLE THREAD PRODUCTS

- **PERMA CORE® ECO100** — 100% Recycled, Polyester Wrapped, Polyester Core
- **ANEFIL POLY® ECO100** — 100% Recycled, Twisted Multifilament, Polyester
- **WILDCAT® ECO100** — 100% Recycled, Textured Polyester
- **SUPERBRITE POLYESTER® ECO100** — 100% Recycled, High Tenacity, Trilobal Polyester
- **ANECOT® ORGANIC** — 100% Organic, Long Staple, Spun Cotton
- **PERMA CORE® ECO** — Polyester Wrapped, Recycled Polyester Core
- **D-CORE® ECO\*** — Cotton Wrapped, 100% Recycled, Polyester Core
- **REPEL™** — PFC Free, Water Repellent Thread Enhancement



## 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](http://WWW.AMEFIRD.COM).

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