



PERMA SPUN® AND EXCELL®

100% POLYESTER STAPLE, SPUN SEWING THREADS

A&E's Perma Spun® and Excell® are 100% polyester staple spun sewing threads, twisted and finished for optimum sewing performance. For use in general sewing, light, and heavy weight garments, Perma Spun® and Excell® are ideal threads for multiple applications where traditional staple spun polyester is required. These threads provide excellent seam strength and sewability across multiple operations.

A&E's Excell® is certified in country of origin for NAFTA/CAFTA compliance.



BENEFITS

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

ENGINEERED FOR SOFTNESS — Developed for when a traditional staple spun polyester thread is required, Perma Spun® and Excell® display a soft hand.

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	16**	180	1.23	.56	65/9
	18*	160	1.5	.68	65/9
	21	140	1.64	.74	70/10
	27	100	2.12	.96	75/11
	30	90	2.32	1.05	80/12
Medium Weight	40	75	3.22	1.46	90/14
	45	60	3.63	1.65	100/16
	60	50	4.67	2.12	110/18
	70	40	6.11	2.78	110/18
	80**	36	7.09	3.22	120/19
	90	30	7.59	3.45	125/20
Heavy Weight	105	27	9.71	4.41	125/20
	120	25	10.55	4.79	130/21
	135*	20	13.21	6.03	140/22
Extra Heavy Weight	210**	13	19.42	8.81	200/25

*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. *Denotes additional Perma Spun® only size and product details. **Denotes additional Excell® only sizes. Excell® is certified in country of origin for NAFTA / CAFTA compliance.

HIGHLIGHTED APPAREL SEWING THREADS

- **PERMA CORE®** — Polyester-Wrapped, Polyester Core
- **PERMA SPUN®** — 100% Polyester Staple, Spun
- **ANESOF®** — Ultra-Soft, Textured Polyester
- **MAGIC®** — 100% Air-Entangled Polyester
- **SIGNATURE PLUS®** — 100% Bright Trilobal, Air-Entangled Polyester
- **WILDCAT PLUS®** — High Performance, Textured Polyester
- **WILDCAT® ECO100** — 100% Recycled, Textured Polyester



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.