



PERMA CORE®

POLYESTER WRAPPED, POLYESTER CORE SEWING THREAD

Perma Core® is A&E's signature core spun sewing thread manufactured with a continuous filament polyester core and polyester staple wrap, ideal for use in most sewing applications. It's core spun construction delivers a thread with a higher strength and sewing performance over staple spun products, allowing for the use of smaller thread sizes. Heavily utilized as an all-around industrial thread, Perma Core® maximizes seam quality while minimizing sewing problems.



BENEFITS

HIGHER TENSILE STRENGTH AND ABRASION RESISTANCE — Delivers great seam integrity, while providing good seam strength and abrasion resistance.

EXCELLENT SEWABILITY — Engineered for an excellent sewing performance on manual and automatic multi-directional sewing machines. Delivers great seam integrity with good seam strength and abrasion resistance.

VERY GOOD COLORFASTNESS — Durable in laundering, this thread provides very good colorfastness with good chemical resistance.

HIGHLIGHTED USES

- Workwear
- Denim
- Menswear
- Ladies Wear
- Activewear
- Intimate Apparel
- Casual Wear
- Swimwear
- Furniture
- Mattress



PERMA CORE®

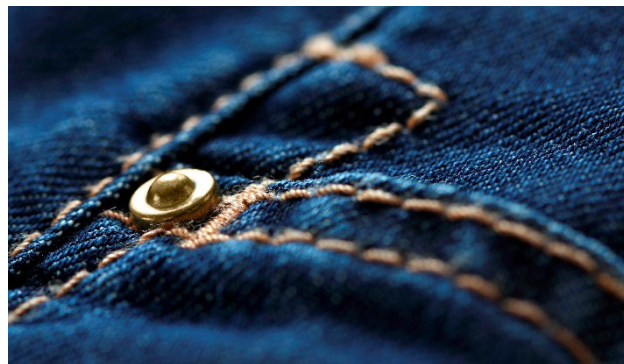
PRODUCT INFORMATION*

Application	Size		Strength		Recommended Needle Size
	Tex	Metric	lbs.	kgs.	
Light Weight	18	160	2.04	.93	65/9
	24	120	2.77	1.26	75/11
	30	90	3.6	1.64	80/12
Medium Weight	40	75	4.55	2.07	90/14
	50	60	6.69	3.04	100/16
	60	50	7.4	3.36	110/18
	80	36	9.21	4.19	120/19
Heavy Weight	105	27	10.8	4.91	125/20
	120	25	13.68	6.22	130/21
	135	20	15.35	6.98	140/22
	150	18	17.92	8.15	160/23
	180	15	21.74	9.88	180/24
Extra Heavy Weight	210	13	26.7	12.14	180/24
	240	12	25.33	11.51	200/25
	300	8	28.13	12.79	230/26

*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 PERMA CORE® SEWING THREADS

- **PERMA CORE®** — Polyester Wrapped, Polyester Core
- **PERMA CORE® ULTIMATE** — Premium, Polyester Wrapped, Polyester Core
- **PERMA CORE® ECO100** — 100% Recycled, Polyester Wrapped, Polyester Core
- **PERMA CORE® FUSER** — Fusible, Polyester Wrapped, Polyester Core
- **PERMA CORE® EXTREME** — Polyester, Staple Spun, Enhanced for Color Quality and Consistency
- **PERMA KOOL®** — Polyester Wrapped, Polyester Core, Lubricated with a Flame Retardant Finish



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 & Efird, Burlington, Cone Denim, Gütermann and Safety Components. More information is available at WWW.ELEVATETEXTILES.COM.