



D-CORE®

COTTON WRAPPED, POLYESTER CORE SEWING THREAD

Engineered for its color to fade down with the garment after finishing, A&E's D-Core® is a premium core spun sewing thread constructed with a continuous filament polyester core and cotton staple wrap. D-Core® allows for the use of smaller thread sizes to minimize puckering or needle cutting, while it's thread construction provides higher strength over traditional, staple spun products. When sewing, this thread allows for the use of smaller thread sizes to minimize puckering or needle cutting, while it's thread construction provides higher strength over traditional, staple spun products.



Ask Your A&E Sales Representative on Available Product with this Certification.



BENEFITS

COLOR FADES WITH GARMENT — Thread color is engineered to wash down with the garment during laundering for a worn appearance.

GOOD PLY SECURITY — Delivers greater seam integrity with good seam strength and abrasion resistance, while providing a higher resistance to stretching under normal sewing tensions.

EXCELLENT SEWABILITY — This thread's cotton wrap delivers superior needle heat resistance and delivers an excellent sewing performance on manual and automatic, multi-directional sewing machines with superior loop formation and fewer skipped stitches.

HIGHLIGHTED USES

- Denim
- Children's Wear
- Ladies Wear
- Menswear
- Casual Wear
- Uniforms
- Coveralls
- Outerwear
- Coats and Jackets
- Headwear
- Shirts
- Trousers and Pants



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D-CORE®

PRODUCT INFORMATION*

Application	Size		Strength		Recommended Needle Size
	Tex	Metric	lbs.	kgs.	
Light Weight	24	120	2.23	1.01	75/11
Medium Weight	35	80	3.1	1.37	80/12
	40	75	3.63	1.65	90/14
	50	60	6.64	3.02	100/16
	60	50	6.87	3.12	110/18
	80	36	7.56	3.44	120/19
Heavy Weight	105	27	8.13	3.69	125/20
	120	25	10.7	4.86	130/21
	135	20	12.5	5.68	140/22
Extra Heavy Weight	150	18	14.75	6.7	160/23
	180	15	16.43	7.47	180/24
	210	13	26.45	12.02	180/24
	240	12	19.25	8.75	200/25
	350	7	28.64	13.02	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 APPAREL SEWING THREADS

- **D-CORE®** — Cotton Wrapped, Polyester Core
- **D-CORE® INDIGO** — Indigo Dyed, Cotton Wrapped, Polyester Core
- **D-CORE® RFD** — Ready-for-Dye, Cotton Wrapped, Polyester Core
- **PERMA CORE®** — Polyester Wrapped, Polyester Core
- **PERMA CORE® ECO100** — 100% Recycled, 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.