



ANEGUARD™ USING KEVLAR®

100% DuPONT® KEVLAR®, SPUN SEWING THREAD

Aneguard™ using Kevlar® is a spun sewing thread manufactured with a 100% certified DuPont® Kevlar®, para-aramid filament. Aneguard™ using Kevlar® delivers best in class seam performance providing tremendous tensile strength, superior ply security, seam integrity, abrasion resistance, cut protection, and short term heat resistance.

Certified A&E sewing threads for use in protective products have been reviewed under current guidelines and approved by UL standards for use in protective products. For a comprehensive list of approvals, see technical product information.

Aneguard™ using Kevlar® is available in natural and solution-dyed black. Pre-wound bobbins are also available in multiple sizes.



BENEFITS

- EXCELLENT RESISTANCE TO SHORT TERM HEAT EXPOSURE** — Engineered to withstand temperatures up to 840°F (449°C) and provides superior short-term heat resistance.
- SUPERIOR STRENGTH** — Delivers superior strength over traditional, staple spun, meta-aramid threads, allowing for fewer, costly thread breaks and seam failures.
- LOW ELONGATION** — Provides excellent loop formation, minimizing skips, thread breaks, and seam grinning due to it's low elongation.

HIGHLIGHTED USES

- Protective Apparel
- Workwear
- Mattresses
- Aerospace
- Filtration
- Safety and Floatation
- Specialty Industrial



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ANEGUARD[®] USING KEVLAR[®]

PRODUCT INFORMATION*

Application	Size		Strength		Recommended Needle Size
	Tex	Metric	lbs.	kgs.	
Medium Weight	40	75	6.06	2.75	100/16
	60	50	10.14	4.61	110/18
	80	36	14.00	6.36	120/19
Heavy Weight	90	30	18.03	8.19	125/20
	105	27	21.50	9.77	130/21
	135	20	24.50	11.14	140/22

*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.

Meta-aramid and Para-aramid UL Certifications*



Standard	Title
ASTM F1506	Standard Performance Specification for Flame Resistant and Arc Rated Protective Clothing Worn by Workers Exposed to Flames and Electric Arcs
CAN/CGSB 155.20	Standard on Workwear for Protection Against Hydrocarbon Flash Fire and Optionally Steam and Hot Fluids
CAN/CGSB 155.22	Standard on Workwear for Forest with Corrigendum No. 1
NFPA 1951	Standard on Protective Ensembles for Technical Rescue Incidents
NFPA 1971	Standard on Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting
NFPA 1975	Standard on Emergency Services Work Clothing Elements
NFPA 1977	Standard on Protective Clothing and Equipment for Wildland Fire Fighting
NFPA 2112	Standard on Flame-Resistant Clothing for Protection of Industrial Personnel Against Short-Duration Thermal Exposures from Fire

*Inquire on product designed to pass flammability testing per the following standards: AA 55217B (Berry Compliant Availability), EN149-1, EN469, EN470, EN61340, EN ISO 11611, EN ISO 11612, EN ISO 14116, and NFPA 70E.



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.