ANESAFE®

100% META-ARAMID, SPUN SEWING THREAD

Manufacturers around the world depend on A&E's Anesafe® to deliver best in class seam performance in some of the harshest environmental conditions where second-best is not an option. Ideal for seaming in protective clothing, this 100% meta-aramid, staple spun sewing thread is designed to deliver resistance to long or short term heat or flame exposure, while providing great seam integrity.

Anesafe® has been reviewed under current guidelines and approved by UL standards for use in protective garments. For a comprehensive list of approvals, ask your A&E sales representative.

BENEFITS

EXCELLENT RESISTANCE TO LONG OR SHORT TERM HEAT EXPOSURE — Engineered to withstand temperatures up to 700 °F (371 °C), Anesafe® provides superior long-term heat resistance compared to para-aramids.

EXCELLENT ABRASION AND MILDEW RESISTANCE — Unaffected by age, Anesafe® delivers excellent abrasion and mildew resistance, making it an ideal choice for protective and combat products.

VERY GOOD COLORFASTNESS — This meta-aramid sewing thread is available in a variety of colors displaying good chemical resistance when laundering and resisting most organic solvents.

HIGHLIGHTED USES

- Protective Apparel
- Specialty Industry
- Workwear
- Racing Industry
- Filtration

Elevate Textiles™ A&E Burlington Cone Denim Gütermann Safety Components

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ANESAFE®

PRODUCT INFORMATION*

Application	Size		Strength		Recommended Needle Size
	Tex	Metric	lbs.	kgs.	
Light Weight	27	100	1.62	.74	75/11
Medium Weight	40	75	2.57	1.17	90/14
	60	50	3.9	1.77	110/18
	80	36	5.29	2.4	120/19
Heavy Weight	90	30	6.49	2.95	125/20
	120	25	9.28	4.22	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.

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**.