



# ANESAFE<sup>®</sup>

SPUN META-ARAMID SEWING THREAD



EXCELLENT HEAT RESISTANCE IN A  
**PROTECTIVE** APPAREL THREAD.

PROTECTIVE APPAREL | SPECIALTY | WORKWEAR | RACING | FILTRATION

# ANESAFE®

## SPUN META-ARAMID 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.

### EXCELLENT HEAT RESISTANCE

Engineered to withstand temperatures up to 700 °F (371 °C), this thread provides superior long-term heat resistance compared against para-aramids.

### EXCELLENT ABRASION AND MILDEW RESISTANCE

Unaffected by age, this thread delivers excellent abrasion and mildew resistance, making it an ideal choice for protective and combat products.

### VERY GOOD COLORFASTNESS

Available in a variety of colors, this thread displays good chemical resistance when laundering and resists most organic solvents.

**PROTECTIVE APPAREL • SPECIALTY INDUSTRIAL • WORKWEAR • RACING INDUSTRY • FILTRATION**



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## SPUN META-ARAMID SEWING THREAD

### PRODUCT INFORMATION\*

Application	Size			Strength cN	Elongation %		Recommended Needle Size
	Tex	Ticket	lbs.		Min.	Max.	
Light Weight	27	100	1.71	761	18	34	75/11
	40	75	2.51	1,117	18	38	90/14
Medium Weight	60	50	4.01	1,784	18	38	110/18
	80	36	5.11	2,273	20	42	120/19
Heavy Weight	105	27	7.31	3,252	20	42	125/20
	120	25	8.85	3,937	20	42	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
EN ISO 11611	Protective clothing for use in welding and allied processes.
EN ISO 11612:2015	Protective clothing - clothing to protect against heat and flame.
EN ISO 15025:2016	Protective clothing - protection against flame.
EN 469:2020	Protective clothing for firefighters - performance requirements for protective clothing for firefighting activities.

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

### 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. We provide our customers with the finest products and services, at the highest quality, delivered globally. Our 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](http://WWW.AMEFIRD.COM).



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