

## A-A-50195C

DUPONT® NOMEX®, TWISTED MULTI-FILAMENT META-ARAMID SEWING THREAD



HEAT RESISTANT **PROTECTIVE** FILAMENT THREAD MADE WITH NOMEX®.



Engineered with DuPont® Nomex® filament, A&E's A-A-50195C provides long or short-term heat and flame resistance. A-A-50195C maintains superior, unfaltering seam performance, even when exposed to some of the harshest environmental conditions. This twisted multifilament meta-aramid sewing thread is used regularly in protective and specialty uniform applications. This thread is available in bonded and soft finishes. Pre-wound bobbins are also available in multiple sizes.

This A&E product meets U.S. government A-A-50195C specifications and is Berry Amendment compliant.

#### EXCELLENT RESISTANCE TO LONG-OR SHORT-TERM HEAT EXPOSURE

Designed to withstand temperatures up to 700 °F (371 °C), this meta-aramid thread delivers exceptional long-term heat resistance, outperforming para-aramid thread.

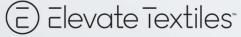
## EXCELLENT ABRASION AND MILDEW RESISTANCE

Ideal for protective and military applications and unaffected by age, this thread delivers superior abrasion and mildew resistance.

#### **GOOD CHEMICAL RESISTANCE**

Durable in laundering, this sewing thread provides good resistance to most organic solvents and is available in popular uniform colors.

GOVERNMENT ● MILITARY ● PROTECTIVE APPAREL ● SPECIALTY UNIFORMS ● COVERALLS ● WRIST SEALS 
● TROUSERS AND PANTS ● JACKETS AND COATS ● ANTI-G FLIGHT SUITS ● GLOVES ● FOOTWEAR













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### **PRODUCT INFORMATION\***

Application	Size			Strength		Elongation %
	Tex	Ticket	Govt.	lbs.	kgs.	Maximum
Medium Weight	40	75	В	3.0	1.36	38
	60	50	E	5.0	2.27	38
Heavy Weight	80	30	F	6.0	2.72	38
	120	20	FF	10	4.5	38
Extra Heavy Weight	180	13	3	15	6.8	42
	240	4	4	20	9.1	42
	300	3	5	25	11.24	42
	350	3	6	30	14	42
	450	2	7	35	15.9	42

<sup>\*</sup>Technical specifications for this product are per U.S. government required values. Physical characteristics of A&E thread products meet or exceed these specifications in these areas. Final determination of suitability is the sole responsibility of the user.

#### META-ARAMID AND PARA-ARAMID UL CERTIFICATIONS\* Title Standard Standard performance specification for flame resistant and arc rated **ASTM F1506** protective clothing worn by workers exposed to flames and electric arcs. Standard on workwear for protection against hydrocarbon flash fire and CAN/CGSB 155.20 optionally steam and hot fluids. Standard on workwear for forest with corrigendum no. 1. CAN/CGSB 155.22 Standard on protective ensembles for technical rescue incidents. NFPA 1951 Standard on protective ensembles for structural fire fighting and proximity **NFPA 1971** fire fighting. Standard on emergency services work clothing elements. NFPA 1975 Standard on protective clothing and equipment for wildland fire fighting. NFPA 1977 Standard on flame-resistant clothing for protection of industrial personnel NFPA 2112 against short-duration thermal exposures from fire. Protective clothing for use in welding and allied processes. **EN ISO 11611** Protective clothing - clothing to protect against heat and flame. EN ISO 11612:2015 EN ISO 15025:2016 Protective clothing - protection against flame. Protective clothing for firefighters - performance requirements for protective EN 469:2020 clothing for firefighting activities.

#### **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. Learn more at **WWW.AMEFIRD.COM**.

<sup>\*</sup>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.



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