



A-A-50195C

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



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

GOVERNMENT | MILITARY | PROTECTIVE APPAREL | SPECIALTY UNIFORMS | ANTI-G FLIGHT SUITS

NOMEX® IS A REGISTERED TRADEMARK OF E.I. DU PONT DE NEMOURS AND COMPANY AND IS USED UNDER LICENSE TO A&E.

A-A-50195C

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



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**



CUSTOMERSERVICE@AMEFIRD.COM | AMEFIRD.COM | ELEVATETEXTILES.COM

UL AND THE UL LOGO ARE TRADEMARKS OF UL LLC © 2023 ALL RIGHTS RESERVED. NOMEX® IS A REGISTERED TRADEMARK OF E.I. DU PONT DE NEMOURS AND COMPANY AND IS USED UNDER LICENSE TO A&E.

A-A-50195C



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

PRODUCT INFORMATION*

Application	Size	Ticket	Govt.	Strength		Elongation % Maximum
	Tex			lbs.	kgs.	
Medium Weight	40	75	B	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

*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*



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. Learn more at WWW.AMEFIRD.COM.

CUSTOMERSERVICE@AMEFIRD.COM | AMEFIRD.COM | ELEVATETEXTILES.COM

UL AND THE UL LOGO ARE TRADEMARKS OF UL LLC © 2025 ALL RIGHTS RESERVED. NOMEX® IS A REGISTERED TRADEMARK OF E.I. DU PONT DE NEMOURS AND COMPANY AND IS USED UNDER LICENSE TO A&E.



A-A-50195C

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