



A-A-55220

DUPONT® KEVLAR®, TWISTED MULTI-FILAMENT
PARA-ARAMID SEWING THREAD



SHORT-TERM **HEAT RESISTANCE** WHEN
EVERY MOMENT COUNTS.

GOVERNMENT | MILITARY | PROTECTIVE APPAREL | FIREFIGHTER TURNOUT GEAR | AEROSPACE

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

A-A-55220

DUPONT® KEVLAR®, TWISTED MULTI-FILAMENT PARA-ARAMID
SEWING THREAD



Berry amendment compliant, A&E's A-A-55220 is a twisted multifilament para-aramid sewing thread manufactured with 100% certified DuPont® Kevlar®. This thread delivers best-in-class seam performance, providing tremendous tensile strength, superior ply security, seam integrity, and cut protection, good abrasion resistance, and short-term heat resistance. Pre-wound bobbins are available.

A-A-55220 has been reviewed under current guidelines and approved by UL standards for use in protective garments, meeting U.S. government A-A-55220 specifications. A-A-55220 government specification replaced MIL-T-87128 within all federal agencies.

EXCELLENT RESISTANCE TO SHORT-TERM HEAT EXPOSURE

Engineered to withstand temperatures up to 840°F (449°C), this thread 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 its low elongation.

**GOVERNMENT • MILITARY • PROTECTIVE AND COMBAT APPAREL • FIREFIGHTER TURNOUT GEAR • AEROSPACE
• FLIGHT SAFETY GEAR • FILTRATION • SPECIALTY UNIFORMS • WORKWEAR • FOOTWEAR**



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

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

A-A-55220



DUPONT® KEVLAR®, TWISTED MULTI-FILAMENT PARA-ARAMID SEWING THREAD

PRODUCT INFORMATION*

Application	Size				Strength		Yield
	Tex	Tkt.	Approx. Denier	Ply	lbs.	kgs.	Minimum Yards per lb.
Light Weight	40	75	400	2	14	6.35	10,000
	60	50	600	3	23	10.43	6,700
Medium Weight	80	36	800	4	30	14	5,000
	120	25	1,200	3	45	20.4	3,350
Heavy Weight	210	13	2,000	5	64	29	2,100
	400	7	4,000	4	135	61.2	1,050
	450	2.2	4,500	3	150	68	900
	800	1.25	7,500	5	225	102.1	550

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



A-A-55220

DUPONT® KEVLAR®, TWISTED MULTI-FILAMENT
PARA-ARAMID SEWING THREAD

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

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