



ANEGUARD™ USING KEVLAR®

DUPONT® KEVLAR®, SPUN PARA-ARAMID SEWING THREAD



SUPERIOR SHORT-TERM **HEAT RESISTANCE**
IN A SPUN KEVLAR® SEWING THREAD.

FIREFIGHTER TURNOUT GEAR | PROTECTIVE APPAREL | WORKWEAR | MATTRESS

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FLAME
RESISTANT
SHORT-
TERM



Aneguard™ using Kevlar® is a spun sewing thread manufactured with a 100% certified DuPont® Kevlar®, para-aramid staple. This thread delivers best-in-class seam performance providing short-term heat resistance, high tensile strength, superior ply security, seam integrity, and cut protection. Aneguard™ using Kevlar® is recommended for end use protective products seeking UL certification. For a comprehensive list of approved industry standards, see our technical product information. Aneguard™ using Kevlar® is available in natural and popular colors. Pre-wound bobbins are also available in multiple sizes.

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.

**FIREFIGHTER TURNOUT GEAR • PROTECTIVE APPAREL • WORKWEAR • MATTRESS
• FILTRATION • SPECIALTY INDUSTRIAL**



Burlington



Gütermann



SAFETY COMPONENTS

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PRODUCT INFORMATION*

Application	Size		Strength		Elongation %		Recommended Needle Size
	Tex	Ticket	lbs.	cN	Min.	Max.	
Medium Weight	40	75	6.06	2,696	2	5	100/16
	60	50	10.14	4,510	2	5	110/18
	80	36	14.00	6,228	3	6	5120/19
Heavy Weight	90	30	18.03	8,020	3	6	125/20
	105	27	21.50	9,564	3	6	130/21
	135	20	24.50	10,898	3	6	140/22

*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.

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