



KOOL™ THREAD LINE

SEWING THREADS LUBRICATED WITH A FLAME RETARDANT FINISH



HELPING TO CREATE **FLAME RETARDANT**
SEAMS THROUGH SEWING THREAD.

CHILDREN'S SLEEPWEAR | INFANT GARMENTS | PAJAMAS | ROBES | LOUNGEWEAR

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Primarily for use in children's sleepwear applications, A&E's Kool™ product line features premium sewing threads, each manufactured with a high-performance, flame-retardant thread lubricant to assist garment seams pass open-flame testing. Kool™ thread products maximize sewing performance for maximum versatility. Durable in laundering, these threads have very good colorfastness properties with good chemical resistance.

PERMA KOOL™

Perma Kool™ is a premium core spun sewing thread manufactured with a continuous filament polyester core, quality polyester staple wrap, and wound with an FR finish. This thread features great strength and abrasion resistance.

SPUN KOOL®

Manufactured with a 100% polyester, Spun Kool® is a staple spun sewing thread twisted and wound with an FR finish. This thread has excellent seam softness and provides a consistent and efficient sewing performance.

WILDCAT® KOOL™

Wildcat® Kool™ is a high-performance textured polyester sewing thread wound with an FR finish. This thread is ideal for the seaming and serging knit and woven fabrics is required providing for superior seam elasticity and strength for long lasting seams.

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PRODUCT INFORMATION* — PERMA KOOL™

Application	Size		Strength		Elongation %		Recommended Needle Size
	Tex	Ticket	lbs.	cN	Min.	Max.	
Light Weight	18	160	2.04	907	18	24	65/9
	24	120	2.77	1,232	18	24	75/11
Medium Weight	40	75	4.55	2,024	18	24	90/14
	50	60	6.69	2,976	20	25	100/16
	60	50	7.4	3,292	22	28	110/18

PRODUCT INFORMATION* — SPUN KOOL®

Application	Size		Strength		Elongation %		Recommended Needle Size
	Tex	Ticket	lbs.	cN	Min.	Max.	
Light Weight	21	140	1.64	730	14	24	70/10
	27	100	2.12	943	14	24	75/11
Medium Weight	40	75	3.22	1,432	14	24	90/14
	60	50	3.63	1,615	14	24	100/16

PRODUCT INFORMATION* — WILDCAT® KOOL™

Application	Size		Strength		Elongation %		Recommended Needle Size
	Tex	Ticket	lbs.	cN	Min.	Max.	
Light Weight	18	160	1.6	712	19	35	65/9
	24	120	2.02	899	19	35	75/11
Medium Weight	35	80	3.28	1,459	19	35	80/12
	50	60	4.91	2,184	19	35	100/16
	70	40	5.88	2,616	19	35	110/18

*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.

ECO•DRIVEN®

A&E's Eco-Driven mark is a symbol of our commitment to sustainability and continued investment in innovative technologies that help reduce our global operations environmental footprint. Under Elevate Textiles, A&E and all supporting brands contribute to unified commitments of responsibly sourced fibers, reduced water consumption, and reduced greenhouse gas targets.

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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