



# PERMA SPUN®

QUALITY SPUN POLYESTER SEWING THREAD



QUALITY SPUN **PERFORMANCE** FOR  
GENERAL APPAREL AND FOOTWEAR.

FOOTWEAR | KNITWEAR | CASUAL WEAR | MENSWEAR | LADIES WEAR

# PERMA SPUN®

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Eco-Driven®



RSL  
APPROVED



Ask your A&E sales representative about available product with this certification.

A&E's Perma Spun® is a polyester staple, spun sewing thread, twisted and finished for optimum sewing performance. This thread's Metric 60 (Tex 50) size is often used in footwear athletic shoe liners. Perma Spun® provides excellent seam strength and sewing performance across multiple operations.

Should a product need to be certified in country of origin for USMCA and CAFTA-DR compliance, inquire with your A&E representative on Excell®.

## EXCELLENT SEWING PERFORMANCE

These thread products display an excellent and consistent performance on manual and automatic multi-directional sewing machines with fewer sewing interruptions.

## VERY GOOD SEAM SOFTNESS

Developed for when a traditional staple spun polyester thread is required, each of these thread products display a soft hand.

## VERY GOOD COLORFASTNESS

Displays very good colorfastness and laundering durability performance with good chemical resistance.

**FOOTWEAR • CASUAL WEAR • MENSWEAR • LADIES WEAR • CHILDREN'S WEAR • OUTERWEAR  
• EMBROIDERY • SLACKS AND PANTS • DRESSES • SHIRTS AND TOPS • DENIM**



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



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## PRODUCT INFORMATION\*

Application	Size		Strength		Elongation %		Recommended Needle Size
	Metric	Tex	kgs.	lbs.	Min.	Max.	
Light Weight	160	18	.68	1.5	14	24	65/9
	140	21	.74	1.6	14	24	70/10
	100	27	.96	2.1	14	24	75/11
	90	30	1.1	2.3	14	24	80/12
Medium Weight	75	40	1.5	3.2	14	24	90/14
	60	45	1.7	3.6	14	24	100/16
	50	60	2.1	4.7	14	24	110/18
	40	70	2.8	6.1	14	24	110/18
	30	90	3.5	7.6	17	26	125/20
Heavy Weight	27	105	4.4	9.7	17	26	125/20
	25	120	4.8	10.6	17	26	130/21
	20	135	6	13.2	17	26	140/22
Extra Heavy Weight	12	240	10	22	17	26	200/25

\*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](http://WWW.AMEFIRD.COM).

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