

Perma Core®
NWT



POLY
WRAPPED
POLY CORE

World of A&E

www.amefird.com

Perma Core® NWT

A&E's global poly-wrapped poly-core thread for denim



Perma Core® NWT is your answer!

Features & Benefits:

- Poly wrapped poly core construction
 - 10% to 15% stronger than cotton-wrapped poly core threads
 - 30% to 40% stronger than spun polyester threads the same size
 - Superior sewability on manual and automatic sewing machines
 - Superior resistance to broken stitches due to abrasion or chemical degradation
 - Greater seam strength and seam durability
 - 100% polyester construction allows superior union dyeing compared to cotton wrapped corespun threads
- High performance thread lubricant
 - Superior needle heat resistance
 - Superior frictional characteristics for more consistent stitch appearance.
- Less expensive than cotton wrapped poly core threads

“There is a Difference”

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Perma Core® NWT (NWT = New Wash Technology) was designed to minimize repairs after harsh finishing processes like enzyme and stone-washing, hand sanding, and sand blasting on denim and twill garments where you also want a wash-down look!

Application	Tex Size	Metric Size	Yarn Size (lbs)	Avg. Strength (grams)	Avg. Strength (metric)	Minimum Ndl. Size
Medium Wt.	50	60	20/2	6.6	3007	100
	60	50	18/2	7.6	3447	110
Heavy Wt.	80	36	15/2	9.0	4078	120
	105	27	12/2	10.7	4872	125
	120	25	15/3	13.6	6178	130
Ex. Heavy	135	20	12/3	16.2	7326	140
	150	18	15/4	18.3	8305	160

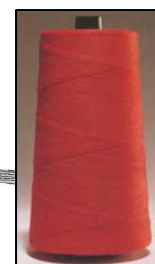
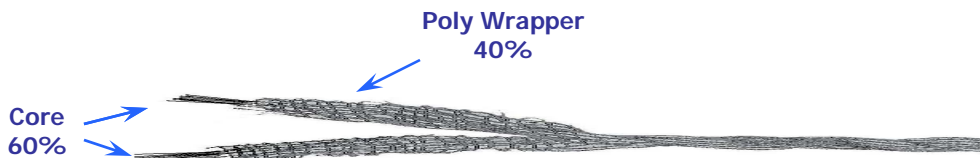
* All strengths are for comparative purposes and should not be used as minimum requirements.

A&E Brand	<i>Perma® Core NWT</i>	<i>D-Core Core NWT®</i>	<i>Perma Spun®</i>	<i>Wildcat Plus®</i>
Sewability	Excellent	Excellent	Very Good	Good*
Seam Durability	Excellent	Very Good	Very Good	Very Good
Color Fastness	Very Good	Good	Very Good	Very Good
Chemical Resistance	Very Good	Good	Very Good	Very Good
Needle Heat Resistance	Good	Very Good	Good	Good
Color Availability	1024	1024	1024	1024

Other *Poly-Wrapped Poly-Core* Brands:

Perma Core® –poly-wrapped poly core

Perma Core® Ultimate – poly-wrapped poly core designed to minimize seam puckering on dress shirts and tailored clothes



For information or samples, contact your local A&E Representative
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