

D-Core®



COTTON
WRAPPED
POLY CORE

World of A&E

www.amefird.com

D-Core®

A&E's global cotton-wrapped poly-core thread



Excessive Seam Pucker?
Excessive Open Seams?
Excessive Restitched Seams?
Too Many Thread Breaks?
Too Many Skipped Stitches?

D-Core® is your answer!

Features & Benefits:

- Cotton wrapped poly core construction
 - Allows the use of smaller thread sizes to minimize puckering or needle cutting
 - Cotton wrapper provides a “wash-down” look after finishing
 - Cotton wrapper provides superior needle-heat resistance
 - Superior sewability on manual and automatic sewing machines
 - Greater seam integrity
- Higher resistance to stretching under normal sewing tensions
 - Superior loop formation
 - Fewer skipped stitches and thread breaks
 - Fewer repairs and potential charge-backs & claims
 - Reduced seam puckering related to tension puckering
- High performance thread lubricant
 - Superior needle heat resistance
 - Superior frictional characteristics for more consistent stitch appearance.

“There is a Difference”

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Application	Tex Size	Metric Size	Yarn Size (lbs)	Avg. Strength (grams)	Avg. Strength (metirc)	Minimum Ndl. Size
Light Wt.	24	120	46/2	2.2	998	70
	35	80	35/2	3.0	1361	80
Medium Wt.	40	75	29/2	3.6	1633	90
	50	60	33/3	4.6	2087	100
	60	50	18/2	7.1	3221	110
Heavy Wt.	80	36	15/2	7.6	3447	120
	105	27	12/2	8.0	3629	125
	120	25	15/3	11.3	5126	130
Ex. Heavy	135	20	12/3	13.7	6214	140
	150	18	15/4	15.1	6849	160
	180	14	12/4	17.6	7983	180
	240	12	10/4	19.3	8754	200
	300	8	7/4	26.5	12020	230
	350	7	6/4	28.6	12973	230

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

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

Other Cotton-Wrapped Poly-Core Brands:

D-Core® NWT – Denim garments that will be subject to harsh finishing processes

Design-A-Core® - Matte Two Tone for decorative topstitching or embroidery

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