



HIGHLIGHTED
MEDICAL
PPE THREAD PRODUCTS

Ⓔ elevate Textiles™





PERMA CORE®

POLY-WRAPPED, POLY-CORE SPUN CRITICAL SEWING THREAD

For well over a century, A&E Gütermann has supported the global health care industry with the world's finest, trusted sewing threads and premium specialty yarns. A&E's Perma Core® is a premium core spun sewing thread manufactured with a continuous filament polyester core and polyester staple wrap.

An icon in the textiles industry, Perma Core® maximizes seam quality while minimizing sewing problems. It's core spun construction delivers higher seam strength and sewing performance allowing for the use of smaller thread sizes. This sewing thread provides excellent durability through multiple launderings.

Also available with REPEL for PPE applications requiring a sewing thread with non-wicking characteristics.

CRITICAL PPE SEWING THREAD



BENEFITS

HIGHER TENSILE STRENGTH AND ABRASION RESISTANCE — Delivers great seam integrity, while providing good seam strength and abrasion resistance.

EXCELLENT SEWABILITY — Engineered to provide an excellent sewing performance on manual and automatic multi-directional sewing machines.

VERY GOOD COLORFASTNESS — Durable in laundering, this thread provides very good colorfastness with good chemical resistance.

HIGHLIGHTED USES

- Medical / PPE
- Workwear
- Denim
- Menswear
- Ladies Wear
- Activewear
- Intimate Apparel
- Casual Wear
- Swimwear
- Furniture
- Mattress



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WILDCAT PLUS®

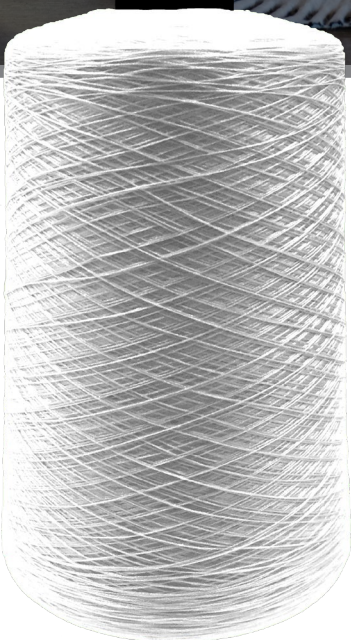
HIGH PERFORMANCE, TEXTURED POLYESTER CRITICAL SEWING THREAD

For well over a century, A&E Gütermann has supported the global health care industry with the world's finest, trusted sewing threads and premium specialty yarns. A&E's Wildcat Plus® is a high-performance textured polyester sewing thread, ideal for seaming and serging knit and woven fabrics.

Wildcat Plus® provides superior seam elasticity and seam strength, delivering across the board performance and longer lasting seams. This versatile, critical PPE thread is used in the sewing of a variety of reusable and disposable medical products.

Also available with REPEL for PPE applications requiring a sewing thread with non-wicking characteristics.

CRITICAL PPE SEWING THREAD



BENEFITS

EXCELLENT SEAM ELASTICITY AND STRENGTH — Provides superior elasticity and seam strength to deliver all around performance and longer lasting seams.

EXCELLENT SOFTNESS — Engineered to be incredibly soft making this product ideal for next-to-skin applications.

GOOD COLORFASTNESS AND CHEMICAL RESISTANCE — Partially translucent to blend with many different shades of color for good colorfastness with good overall chemical resistance.

HIGHLIGHTED USES

- Medical / PPE
- Automotive
- Footwear
- Luggage
- Handbags
- Filtration
- Geotextiles
- Outdoor Products
- Covers
- Web Slings
- Tie Downs
- Specialty Industrial



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ANEFIL POLY®

TWISTED MULTIFILAMENT, POLYESTER CRITICAL SEWING THREAD

For well over a century, A&E Gütermann has supported the global health care industry with the world's finest, trusted sewing threads and premium specialty yarns. A&E's Anefil Poly® is a twisted multifilament polyester sewing thread ideal for the sewing of reusable, clean room garments and other PPE products.

In addition to good overall performance and excellent seam strength, the twisted multifilament construction of this sewing thread provides for superior sewability.

Available enhancements for this product include: Bonded, SST (Stretched), STX (Non-Stretched), SBT (Highly-Stretched), and water-resistant REPEL.

CRITICAL PPE SEWING THREAD



BENEFITS

UV RESISTANCE — Delivers better resistance to UV exposure than nylon or polyamide sewing threads.

SUPERIOR SEWABILITY — Engineered to provide good overall seam strength, good abrasion resistance, and superior performance in sewing. When bonded, this thread boasts excellent ply security delivering a consistent diameter when bonded with low moisture regain.

VERY GOOD COLORFASTNESS — Available in a wide range of thread color, this durable sewing thread has very good colorfastness with good overall chemical resistance.

HIGHLIGHTED USES

- Medical / PPE
- Automotive
- Footwear
- Luggage
- Handbags
- Filtration
- Geotextiles
- Outdoor Products
- Covers
- Web Slings
- Tie Downs
- Specialty Industrial



ADDITIONAL PRODUCT INFORMATION*

RECOMMENDED THREAD PRODUCTS AND SIZES PER HIGHLIGHTED APPLICATION

Application	Product Recommended	Size		Recommended Needle Size
		Tex	Metric	
Surgical Disposable Products includes Gowns, Coveralls, Caps, Footwear	Wildcat Plus®	18 24	160 120	65/9 75/11
Surgical Masks	Perma Core®	24	120	75/11
	Wildcat Plus®	18	160	65/9
Scrubs	Perma Core®	24 30 40	120 90 75	75/11 80/12 90/14
	Wildcat Plus®	18	160	65/9
Hospital Sheets	Perma Core®	24 30	120 90	75/11 80/12
Hospital Towels	Perma Core®	24	120	75/11
Medical Gowns (Reusable)	Perma Core®	24 30	120 90	75/11 80/12
	Wildcat Plus®	24	120	75/11
Clean Room Garments (No Silicone Added)	Anefil Poly®	35 45	80 60	80/12 100/16
Protective Coverall Suits (Reusable)	Perma Core®	24 30 40	120 90 75	75/11 80/12 90/14
	Wildcat Plus®	24	120	75/11

PERMA CORE®

Application	Size		Strength		Recommended Needle Size
	Tex	Metric	lbs.	kgs.	
Light Weight	18	160	2.04	.93	65/9
	24	120	2.77	1.26	75/11
	30	90	3.6	1.64	80/12
Medium Weight	40	75	4.55	2.07	90/14
	50	60	6.69	3.04	100/16
	60	50	7.4	3.36	110/18
	80	36	9.21	4.19	120/19
Heavy Weight	105	27	10.8	4.91	125/20
	120	25	13.68	6.22	130/21
	135	20	15.35	6.98	140/22
	150	18	17.92	8.15	160/23
	180	15	21.74	9.88	180/24
Extra Heavy Weight	210	13	26.7	12.14	180/24
	240	12	25.33	11.51	200/25
	300	8	28.13	12.79	230/26

*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.

ADDITIONAL PRODUCT INFORMATION*

WILDCAT PLUS®

Application	Size		Strength		Recommended Needle Size
	Tex	Metric	lbs.	kgs.	
Light Weight	18	160	1.6	.73	65/9
	24	120	2.02	.92	75/11
Medium Weight	35	80	3.28	1.49	80/12
	50	60	4.91	2.23	100/16
	70	40	5.88	2.67	110/18
Heavy Weight	105	27	8.92	4.05	120/19

ANEFIL POLY®

Application	Size		Strength		Recommended Needle Size
	Tex	Metric	lbs.	kgs.	
Light Weight	16	180	2.11	.96	65/9
	21	140	3.13	1.42	70/10
	30	80	3.7	1.68	80/12
Medium Weight	35	80	5.11	2.32	80/12
	45	60	7.09	3.22	100/16
	50	50	6.02	2.74	110/18
	70	40	10.13	4.6	110/18
Heavy Weight	90	30	13.48	6.13	125/20
	135	20	20.64	9.38	140/22
Extra Heavy Weight	180	17	24.36	11.07	180/24
	210	15	30.72	13.96	180/24
	270	10	40.12	18.24	200/25
	350	8	51.53	23.42	230/26
	400	7	64.73	29.42	250/27
	450	6	70	31.82	250/27
	600	5	84.15	38.25	280/28
	700	4	98.47	44.76	300/29

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REPEL

WATER REPELLENCY FOR
EVERY SEWING THREAD



- ENHANCED ABILITY TO REPEL WATER AND OTHER LIQUIDS
- AVAILABLE IN PERMA CORE[®], D-CORE[®], PERMA SPUN[®], WILDCAT PLUS[®], AND ALL OTHER A&E CORE, SPUN, AND TEXTURED SEWING THREADS
- DOES NOT AFFECT COLOR
- A&E PFCZERO[™] APPROVED PRODUCT, CONTAINING NO PERFLUOROCARBONS
- 3RD PARTY TESTED ON SEAM
MEETS RAIN TEST METHOD: ISO 22958-2005
OR AATCC 61



PFCZERO[™]

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