

Coats Linen

Linen is one of the oldest textiles in the world. Coats Linen uses only the highest quality of flax. Consistency is guaranteed by the blending of batches. One of linen's greatest assets is its low extensibility and thus its ability to hold a tight knot in the lockstitch seam; this makes it particularly suitable for welt and other forms of sole sewing. The low extensibility makes Coats Linen ideal for end uses where no 'give' is required. The natural look of the linen thread seam enhances its aesthetic appearance. Linen degrades naturally and thus is an environmentally friendly sewing thread.

COATS
linen



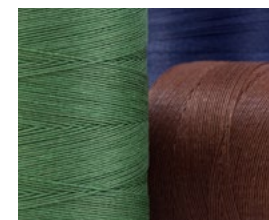
LINEN

WHY CHOOSE LINEN?

- Coats Linen does not melt and has high initial modulus
- Linen elasticity is almost nil, it does not stretch and is easily dyed
- Linen forms a good knot, high strength and strength increases when wet (10-15%)
- Good fastness to UV Light and high moisture absorption
- Natural product and use for traditional and authentic products providing an aesthetic appearance
- Coats Linen will wear at the same rate as other natural materials
- Linen degrades naturally and thus is an environmentally friendly solution
- It is a natural fibre, does not melt and swells when wet
- Low extension at break, approximately 2.5%
- Gets stronger when wet, approximately 5%
- Satin finished linen thread has an excellent appearance in stitched leather seams
- Knots hold better than synthetic equivalents

MAIN USES:

- Automotive
- Bag manufacture
- Bedding
- Bookbinding
- Cablebinding
- Canvas
- Carpets
- Cigarette tapes
- Cricket balls
- Cricket bats
- Electrical cables
- Fishing line
- Footwear
- Furniture upholstery
- Equestrian
- Lace
- Medical supplies
- Polishing discs
- Pool cues
- Saddlery
- Sporting goods
- Weaving
- Wigs



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PRODUCT RANGE

Tex	Sizing	Ply	Strength cN	Needle Size Metric
150	40/3	3	390	100
270	25/3	3	4740	130 - 160
290	12/2	2	8890	130 - 200
300	18/3	3	1000	130 - 160
440	12/3	3	13470	160 - 200
580	18/6	6	1960	200 - 250
860	8/4	4	1950	180 - 25
1080	8/5	5	2220	250 - 300
1290	8/6	6	2830	>300

FINISHING TYPES

SOFT: Supplied untreated with no finish suitable for many operations where finish is either applied on the machine or it is not required

SATIN / GLACE: Excellent stitching properties, superb appearance, increasing in strength

WAXED: Waxed threads are mainly used in the sewing of footwear

CMC (Carboxymethyl Cellulose): Sutures only

THERMAL & CHEMICAL PROPERTIES:

Damage	Protection
Mineral acids:	Fair resistance to most mineral acids
Alkalis:	Poor resistance
Acids:	Fair resistance
Organic solvents:	Excellent, generally unaffected by most organic solvents
Bleaching:	Bleaches
Microorganisms (mildew, rot):	Resistant to ageing and moth attacks but sensitive to mildew growth
Laundering / dry cleaning:	Good durability
Moisture regain:	15 - 20%
Abrasion resistance:	Good
Sunlight resistance:	Good
Chemical resistance:	Fair
Specific gravity (g/ml):	2

ACCREDITATIONS

ISO/TS 16949; ISO 14001:2004, ISO 9001, ISO 45001;
Oeko-Tex Standard 100



Coats Linen

EXPERT REAL WORLD SUPPORT

The final cost of any thread also includes hidden costs, fuelled by the methods and tools applied to it. Our experts know exactly how to reduce those costs, save time and increase productivity.



Seamworks

Install our Seamworks software to accurately calculate costs prior to production, putting an end to the risk of over or under ordering materials, and incurring unnecessary extra costs. The Seamworks tool is provided with installation, training and ongoing support included.



One to One Visits

There's no need to come to us, our experts will travel to your site. In person, online or via the phone, our trained consultants deal with the kind of issues any busy factory may face, providing a solution for today and a blueprint for future efficiency.



Training and Presentations

From thread selection to stitch formation, the use of colour to solutions for common production issues, we take the learning gathered through years of hands on experience and present it in the form of high impact seminars, workshops and presentations.



Embroidery Service Centre

Our Embroidery Service Centre makes embroidering a design much easier, increasing productivity at the same time as enhancing the design itself. Email the design and any problematic issues to us and our technicians will email the improved design right back.

To drive your hidden costs down, talk to Coats. From thread audits in pre-production to the latest technical bulletins, we'll provide support that achieves measurable results.

For more information, talk to your Coats representative today or visit www.coats.com/linen



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