

COATS  
*lucence*



GLOW IN  
THE DARK

# Coats Lucence

Coats Lucence is an embroidery thread with a special 'Glow in the dark' effect which is ideal for making children's clothing more exciting, or for adding that extra special decorative feature. The thread is 'charged' in sunlight or in artificial light (to a lesser degree) and emits a luminous glow quality when viewed in the dark.

## WHY CHOOSE LUCENCE?

- Excellent performance on embroidery and decorative topstitching applications
- Makes children's clothing more exciting
- Catches the eye with the special glow in the dark effect
- High abrasion resistance for durability in wash and wear
- Certified to Öko-Tex Standard 100, class I, the most stringent class covering textile items for babies and toddlers
- Meets Coats restricted substance list

## MAIN USES:

- Glow in the dark embroidery
- Glow in the dark decorative top stitching
- Decorative stitching and embroidery on children's wear, sportswear and fashion apparel



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## PRODUCT RANGE

Art / Tkt	TEX	Ticket	Length	Strength cN	Elongation % Min - Max	Needle Size Metric
4601 120	27	120	1500m	600	40 - 60	75 - 90

## LUCENCE SHADE RANGE

Available in eight 'glow in the dark' shades, Lucence will brighten any embroidered garment.

Natural White NAWHT	Dyed White WHITE	Light Pink OPINK	Light Orange ORANG	Light Yellow YELLO	Light Green GREEN	Light Blue OBLUE	Light Purple PURPL

\*Shades shown here for guidance only (and not shown as luminous). Please refer to the shadecard or to thread samples for true representation of colour



## THERMAL PROPERTIES

Melts at 180°C, softens at 150°C

Shrinkage less than 1% @ 150°C

Do not use steam iron

## CHEMICAL PROPERTIES

Mineral acids: Resistant to most mineral acids

Alkalis: Essentially unaffected by weak alkalis, but less resistant to stronger alkalis, especially at higher temperatures

Organic solvents: Generally unaffected, but soluble in some phenolic compounds

Bleaching: Unaffected

Insects / microorganisms (mildew, rot): Unaffected

Laundering / dry cleaning: Unaffected

Moisture regain: 0.4%

## FASTNESS PROPERTIES

Washing at 60°C	(ISO 105 C10:2006 C(3))	Grade 4
Water Fastness	(ISO 105 E01:2010)	Grade 4
Rub Fastness	(ISO 105 X12:2001)	Grade 4
Hypochlorite Fastness	(ISO 105 N01:1993)	Grade 4
Dry Cleaning Fastness	(ISO 105 D01:2010)	Grade 4



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## 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 technological bulletins, we'll provide support that achieves measurable results.

For more information, talk to your Coats representative today or visit [coats.com](http://coats.com)

## OTHER PRODUCTS IN THE LUCENCE RANGE

To complement the Lucence range, we also have a selection of specialist Lucence threads. Each of these have additional benefits specific to the end use.

Product Name	Description
Lucence HD	Attractive thread with glow-in-the-dark effects ideal for sewing logos and embroidery onto footwear and accessories.

Specialist Lucence products are typically available across a select range of ticket sizes and technical information will in some cases vary from the above table.



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Since conditions and applications vary considerably in the use of a product, the customer and/or user should assure themselves that the product meets end customer requirements and is suitable for the intended end use. Coats accepts no liability for unsuitable or improper use or application of products. Information provided is based on current averages and should be taken only as indicative. Coats accepts no liability for the preciseness and correctness of the information provided. Product information sheets are updated for time to time, please be sure you are referring to the most recent publication. Coats supports customers with advice on individual applications on request; if you have any questions or concerns, please contact us. © Copyright reserved 2018