

# Coats® Lucence™ HD

Coats Lucence HD is an attractive embroidery thread for footwear, designed with a special glow-in-the-dark feature.

The thread charges in sunlight and artificial light (to a lesser degree) which enables it to glow-in-the-dark. It is ideal for sewing standout logos and designs on footwear and accessories.

COATS  
*lucence hd*



GLOW IN  
THE DARK

## WHY CHOOSE LUCENCE HD?

- Attractive embroidery patterns and extra special glow-in-the-dark feature
- Excellent performance on thicker and more difficult and demanding materials
- Certified to Öko-Tex Standard 100, class II

## MAIN USES:

- Coats Lucence HD is suited for use on products such as sport shoes, backpacks, leather goods and accessories

## PRODUCT RANGE

Art/Tkt	Ticket	Tex	Length	Average Strength cN	Elongation % Min - Max	Recommended Needle Size Metric
46H1100	100	30	1000m	1430	12 - 20	75 - 90
46H2101	101	35	1000m	1307	16 - 24	75 - 90

## LUCENCE HD PRODUCT RANGE

46H1100 is in natural white shade; 46H2101 is in colour shades

## TECHNICAL RECOMMENDATIONS FOR EMBROIDERY APPLICATIONS:

- Recommended machine speeds are 650 to 750 SPM. These will depend upon the different materials being sewn
- Recommended needle is DBXK5 65/9
- Lucence HD is coarser than normal embroidery thread and may not be suitable for small or very fine embroideries
- Sewing machine tension adjustments may be required to avoid looping



# Coats Lucence HD

## THERMAL PROPERTIES

Shrinkage at 100°C

## CHEMICAL PROPERTIES

Avoid contact with oxidizing agents, acids and bases

Avoid long time exposition to the sunlight

## DYEING / FASTNESS PROPERTIES

Colour fastness to washing (60°C):	ISO 105 C10C	Grade 4
Colour fastness to water:	ISO 105 E01	Grade 4
Colour fastness to perspiration:	ISO 105 E04	Grade 4
Colour fastness to bleaching:	ISO 105 N01	Grade 4
Colour fastness to rubbing	ISO 105 X12	Grade 4

## 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	This playful thread charges in sunlight or artificial light then gives off a luminous glow in the dark used in Apparel

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.

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 from 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 2023.

## 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.



### 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.



### Innovation Hub

Collaborate directly with expert R&D technologists at our Innovation Hub to create pioneering and tailored solutions for products ranging from Performance Materials to Apparel and Footwear. Equipped with state-of-the-art technology, we quickly turn ideas into prototype designs ready for manufacturing.

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/lucence-hd](http://www.coats.com/lucence-hd)



GLOW IN THE DARK

