

CoatsKnit™ Lucence

CoatsKnit Lucence is a Polyester Drawn Textured Yarn (DTY), with a Glow-In-The-Dark luminescent effect. During the extrusion process photo-luminescent pigments are mixed to the Polyester polymer. This yarn glows automatically in the dark after absorbing sunlight / luminous light for a short period of time.

COATS

*knit
lucence*



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WHY CHOOSE COATSKNIT LUCENCE?

- CoatsKnit Lucence yarn enables a high degree of luminosity
- Stable when exposed to water
- Luminescent material is non-toxic, free from any harmful substances
- Standard 100 by Oeko-Tex compliant (Class 1)
- Coats commitment to ethically building a sustainable future

MAIN USES:

- Footwear knitted uppers
- Apparel garments
- Accessories



CoatsKnit Lucence

PRODUCT RANGE

Article	Denier	Filament Construction	Cone Size (Kg)	Bulkiness %	Strength cN	Elongation %	Origin
CF03080	300d	48f /1	0.45	N/A	420	10 - 20	Virgin

FASTNESS PROPERTIES

Water Fastness	ISO 105 E01	Min. Grade 4
Rub Fastness	ISO 105 X12	Min. Grade 4
Wash Fastness	ISO 105-C10B:2006	Min. Grade 4

PRODUCT LIMITATIONS

Blending the GITD (glow-in-the-dark) yarn with non-GITD yarn products is likely to lower luminescent effect of knitted fabric.

OTHER PRODUCTS IN THE COATSKNIT RANGE

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

Product Name	Description
CoatsKnit AWF	A textured filament knitting yarn made with moisture wicking properties
CoatsKnit Protect	A 100% polyester yarn treated with an anti-microbial / anti-fungal finish
CoatsKnit Mono	A 100% polyester dyed round cross-sectional monofilament yarn
CoatsKnit Ultra	A 100% polyester yarn of trilobal cross sectional filament construction, offering high sheen
CoatsKnit ColTwist	A textured filament yarn that can be twisted with filaments of up to six shades

Specialist CoatsKnit 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 2020



CoatsKnit Lucence

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 yarn 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.



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/en/coatsknit-lucence



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