

Coats® Signal Lucence™ Self-Adhesive

Coats Signal Lucence Self-Adhesive is a range of self-adhesive phosphorescent and reflective material which can be applied on footwear and accessories such as safety helmets and tooling.

COATS
signal lucence

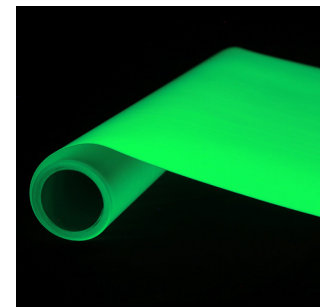


SELF-ADHESIVE
PHOSPHORESCENT
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WHY CHOOSE SIGNAL LUCENCE SELF-ADHESIVE?

- Coats Signal Lucence Self-Adhesive offers a third layer of visibility. It works when there is no primary light source or reduced light.
- The solution requires no battery or cables. The photoluminescent material absorbs both natural and artificial UV light through electron excitation which it then emits as an afterglow in low light or zero light. Each time Coats Lucence material is exposed to UV light it will recharge.
- Coats Signal Lucence Self-Adhesive has a short charging time. UV light charging times vary depending on the type of light but typically a day light charge will take 5 minutes and a charge in overhead fluorescent light ten minutes.
- Features a long afterglow which lasts over 8 hours with the first hour being the brightest.
- Testing shows the phosphorescent pigments work for 20 years.
- In addition to phosphorescent properties, all Coats Signal Lucence products offer reflectivity of around 100 cd/lx/m² except product C622000

*Photoluminescent is tested according to ISO 17398:2004 "Safety Colours and Safety Signs – Classification, Performance and Durability of Safety Signs" Clause 7.11 and DIN 67510-1:2009 Measure of Photoluminescent Phosphorescent Pigments and Products - Part 1: Measurements and Marking at the producer.



Coats Signal Lucence Self-Adhesive

PRODUCT COMPOSITION

It consists of a patent pending formulation of strontium nitrate photoluminescent pigments and clear microscopic glass beads applied on a dimensionally stable, durable, multi-layered film. It also features a permanent pressure sensitive adhesive with a PET backing sheet.

MAIN USES:

- Footwear
- Accessories such as safety helmets, tools, etc.
- Marking tape
- Emergency signage
- Self-adhesive tape can be cut and is suitable for digital and screen printing to produce signs and markings.
- Coats Signal Lucence Self-Adhesive is suitable for application onto the following substrates; glass, metal, acrylic, painted surfaces, polycarbonate, fibreglass, correx, foamboard, composite materials such as dibond. All surfaces should be clean, dry and smooth.

TECHNICAL DATA

Article	C802000
Colour	Phosphorescent Yellow
Backing / Liner	Multi-layered film with a permanent pressure sensitive adhesive with a PET backing sheet
Type	Self-adhesive
Thickness	Without Liner: 370 microns With Liner: 470 microns Liner: 80 microns Adhesive layer: 20 microns
Adhesive colour	White
Adhesive type	Permanent pressure sensitive Acrylic 63% ethylhexyl acrylate 23% methyl acrylate 14% methyl methacrylate
Liner	Clear film 80 microns
Application temperature	10°C - 38°C
Photoluminescence – ISO 17398	Yes
Photoluminescence - DIN 67510-1	Yes



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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 will take no responsibility or liability for any machine damage caused by the use of this product and it is important that the factory is fully informed of the preventative care and usage of Signal Lucence. 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. Coats Signal Lucence cannot guarantee an absolute visibility especially in severe weather conditions. © Copyright reserved 2021



Coats Signal Lucence Self-Adhesive

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.

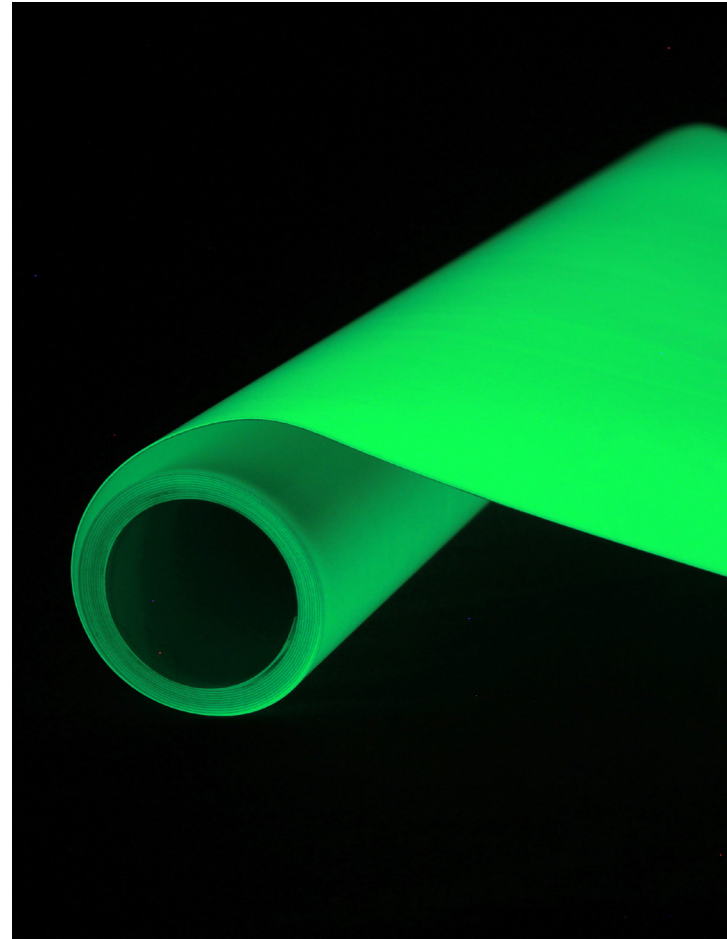


Innovation Hub

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/signal-lucence-self-adhesive



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