

COATS
signal
lucence PRO



POWERED BY
VIZLITE DT

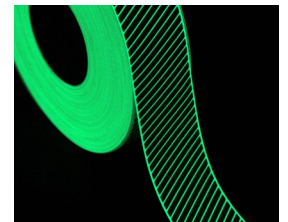
Coats® Signal Lucence PRO™

Coats Signal Lucence PRO is a range of high performance sew-on tapes, which offers the option to combine three technologies; retro-reflectivity, fluorescence and phosphorescence in a single material to meet the requirements of the hi-vis workwear and firefighter markets.

It consists of segmented retro-reflective and fluorescent material combined with phosphorescent backing material, which is derived from a patent pending formulation of strontium nitrate photoluminescent pigments applied on meta-aramid fabric.

WHY CHOOSE SIGNAL LUCENCE PRO?

- Optimal protection in all light conditions with retro-reflectivity, fluorescence and phosphorescence possible in one tape
- One tape with the option to combine three technologies for easy integration into garments, no need to sew-on different tapes
- High retro-reflectivity value meets and exceeds the requirements of key high visibility standards
- Illuminated by light source to enhance visibility in low light
- Glows when there is no light source or reduced light
- 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 Signal Lucence PRO material is exposed to UV light it will recharge.
- 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.
- Long afterglow which lasts over 8 hours with the first hour being the brightest
- Washable and has been independently tested to meet the requirements for domestic laundry
- Complies with main standards for high-visibility and firefighter garments
- Certified according to Standard 100 by OEKO-TEX



Coats Signal Lucence PRO

MAIN USES

Protective Clothing

- Structural Firefighting
- Wildland Firefighting
- Fire fighting
- Urban Search and Rescue
- Disaster Management
- CBRN
- Petrochemical
- Airports
- Riot Control
- Military
- Welding
- Law Enforcement

Workwear

Fire retardent High Visibility clothing for:

- Petrochemical
- Airports
- Riot Control
- Military
- Welding Industries
- Law Enforcement

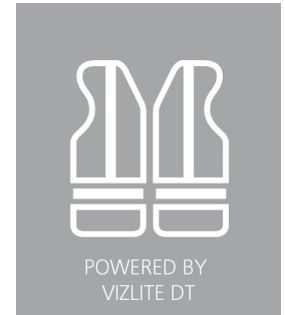
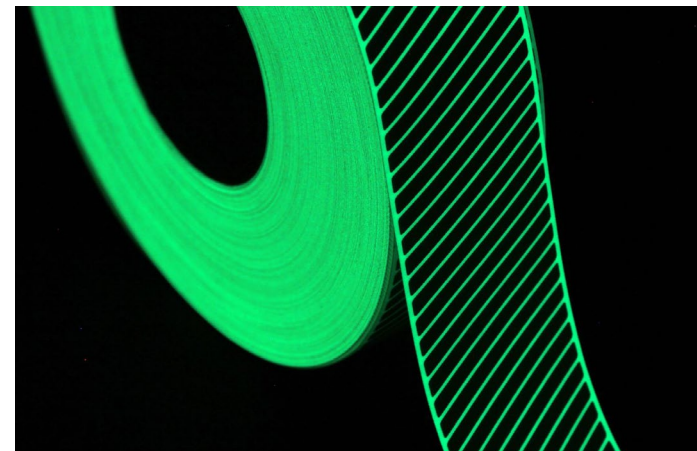
Equipment and Accessories

- SCBA
- Rescue Equipment
- Harnesses
- Hose bags
- Gloves and Footwear

WASH AND CARE

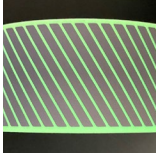
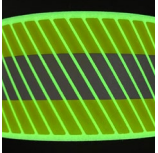
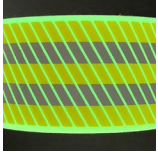
Domestic washing (60°C) and 60°C tumble drying

- Do not pre-soak
- Do not use a pre-wash program
- Recommended wash program is for coloured clothing wash
- Do not wash at a higher temperature than 60°C
- Maximum Program time 50 minutes
- Maximum wash time at highest wash temperature 12 minutes
- Domestic washing powders for delicate and coloured fabrics are recommended
- Line drying is the preferred method of drying
- This product can be tumble dried on a low heat setting 60°C at up to 50 times.



Coats Signal Lucence PRO

PRODUCT RANGE

	C612100	C612200	C612400
Daytime colour	 Silver Phosphorescent Yellow	 Yellow-Silver-Yellow Phosphorescent Yellow	 Yellow-Silver-Yellow-Silver-Yellow Phosphorescent Yellow
Technology	Retro-reflective Phosphorescent	Retro-reflective Fluorescent Phosphorescent	Retro-reflective Fluorescent Phosphorescent
Width	55	55, 77	55, 77
Backing	M-aramid	M-aramid	M-aramid
Type	Sew-on	Sew-on	Sew-on
60°C Domestic Wash (ISO 6330, 6N) with low temperature 60°C tumble dry (Number of washing cycles)	50	60	50
Photoluminescence DIN 67510-1	Yes	Yes	Yes
High Vis – EN ISO 20471	Yes	Yes	Yes
Flammability and Heat Resistance EN 469, EN ISO 14116, EN ISO 11611, EN ISO 11612	Yes	Yes	Yes
Wildland firefighting EN ISO 15384	Yes		Yes
STANDARD 100 by OEKO-TEX®	Yes	Yes	Yes



Coats Signal Lucence PRO

EXPERT REAL WORLD SUPPORT

The final cost of any product 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 product selection 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.

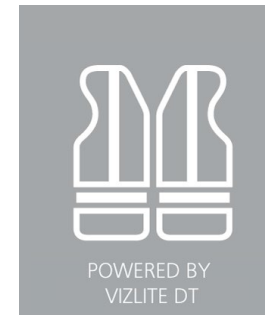


Innovation Hub

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-pro



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 2022

