

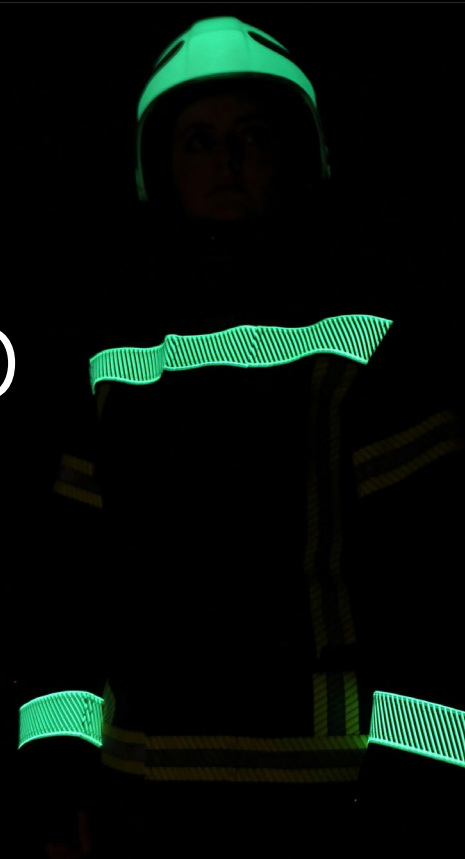


Coats® Signal™ Lucence™ PRO C612100

High Performance Sew-On Tapes

A high-performance sew-on tape combining retro-reflectivity and phosphorescence in a single material to meet the requirements of the hi-vis workwear and firefighter markets.

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



2026

Why choose Coats Signal Lucence PRO C612100?

- Optimal protection in all light conditions by combining retro-reflectivity and phosphorescence in one tape
- Single tape solution with the option to combine three technologies, enabling easy integration into garments without the need to sew on different tapes
- High retro-reflectivity values that meet and exceed the requirements of key high-visibility standards
- Enhanced visibility in low-light conditions when illuminated by a light source
- Glows when there is no light source or reduced light
- No batteries or cables – photoluminescent material absorbs natural and artificial UV light and emits an afterglow through electron excitation, recharges with each exposure to UV light
- Short charging time – typical daylight charging takes 5 minutes; overhead fluorescent light charging takes 10 minutes
- Long-lasting afterglow up to 8 hours, with the first hour being the brightest
- Washable and independently tested to meet domestic laundry requirements
- Complies with main standards for high-visibility and firefighter garments
- Certified according to OEKO-TEX® Standard 100



Coats® Signal™ Lucence™ PRO C612100



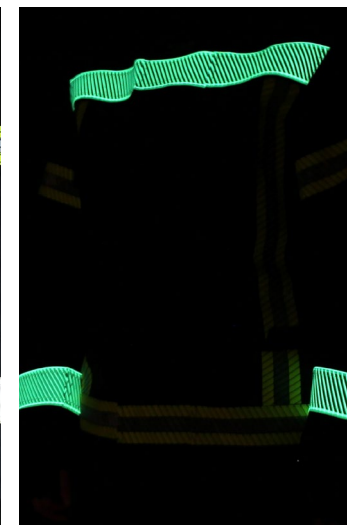
Main Uses:

Protective Clothing	Workwear	Equipment and Accessories
Structural Firefighting	Fire retardant High Visibility clothing for:	SCBA
Wildland Firefighting	Petrochemical	Rescue Equipment
Fire fighting	Airports	Harnesses
Urban Search and Rescue	Riot Control	Hose bags
Disaster Management	Military	Gloves and Footwear
CBRN	Welding Industries	
Petrochemical	Law Enforcement	
Airports		
Riot Control		
Military		
Welding		
Law Enforcement		

Wash and Care

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

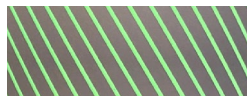
- Do not pre-soak
- Do not use a pre-wash program
- Recommended wash program is for coloured clothing wash
- Do not wash at a higher temperature than 60°C
- Maximum Program time 50 minutes
- Maximum wash time at highest wash temperature 12 minutes
- Domestic washing powders for delicate and coloured 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 C612100



Technical Data

C612100		
Glowing colour		 Silver Phosphorescent Yellow
Feature		Retro-reflective Phosphorescent
Backing		M-aramid
Type		Sew-on
60°C Domestic Wash (ISO 6330, 6N)		50
EN ISO 20471		•
EN 469, EN ISO 14116, EN ISO 11611, EN ISO 11612		•
EN ISO 15384		•
NFPA 1970 (1971) / 1950 (1951, 1977) / 2112		
STANDARD 100 by OEKO-TEX®		•
Width	55mm	•
	80mm	
Make-up (standard width)	50m	•

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.



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



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. Coats® is a registered trademark of J. & P. Coats, Limited. Signal™ and Lucence™ are trademark of J. & P. Coats, Limited. © Copyright reserved 2026.

AUGUST 2026