



Coats® Signal™ Lucence™ PRO C612400

High Performance Sew-On Tapes

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

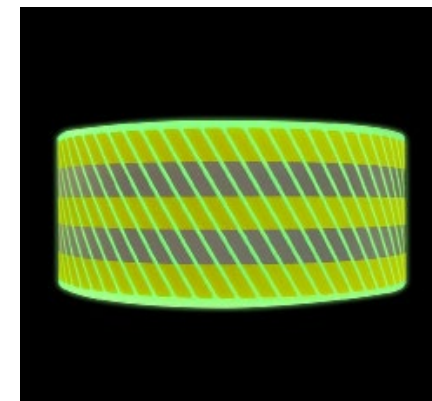
It consists of segmented retro-reflective and fluorescent material combined with phosphorescent backing material, which is derived from a patent pending formulation of strontium nitrate photoluminescent pigments applied on meta-aramid fabric.



2026

Why choose Coats Signal Lucence PRO C612400?

- Optimal protection in all light conditions by combining retro-reflectivity, fluorescence, 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 of over 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



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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

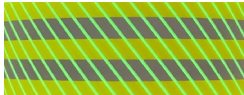
Domestic washing (60°C) and 60°C tumble drying

- 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.



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Technical Data

C612400		
Glowing colour		 Yellow/Silver Phosphorescent Yellow
Feature		Retro-reflective Fluorescent 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



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