

Coats® FlamePro™ High Visibility

In many fast paced industries where hazards such as trucks, trolleys and machinery pose a threat, it is essential that workers remain highly visible by wearing the right protective clothing.

Coats® FlamePro™ High Visibility is an inherently flame resistant and high-visibility certified fabric that is one of the lightest fabrics of its kind. The innovative construction of FlamePro™ High Visibility allows for improved comfort and aesthetics while meeting EN ISO safety norms. It offers you the same superb protection without compromise on performance or comfort.

With industries demanding better quality high-visibility garments, we set to work on a more sustainable, easy to work with fabric. FlamePro™ High Visibility includes renewable fibres and needs no dyeing – which makes it more sustainable than any other comparable product on the market. Big visibility, smaller carbon footprint.

COATS
FlamePro
high visibility



HIGH VISIBILITY
MULTI-HAZARD
PROTECTIVE FABRIC

WHY CHOOSE FLAMEPRO™ HIGH VISIBILITY?

- Exceptional flame protection along with contact and radiant heat resistance
- Ensures better visibility in low light and risky work environments
- One of the lightest fabrics of its kind
- Excellent light and colour fastness properties
- Superior resistance to wash and wear
- It includes renewable fibres and needs no dyeing which makes it more environmental friendly
- Superior performance and comfort
- Suitable for ISO 11612 and ISO 20471 high-visibility clothing

MAIN USES

- Petro chemical industry
- Oil and Gas Industries
- FR Workwear
- Utility and Subcontractor Wear
- Emergency Wear
- Police and Firefighter Uniforms
- Industrial Workwear



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PRODUCT RANGE

Weight gsm	Fabric Type	Width cm	Average Strength cN	Elongation %	Colour
205 gsm	2/1 Twill	160 cm	Warp: 675 cN Weft: 600 cN	Warp: 18% Weft: 13.5%	Yellow

THERMAL PROPERTIES

Test Standard	Article Ticket	Test / Standard	Result
EN ISO 11612:2015	FU 50135	Determination of Heat Resistance ISO 17493:2016	PASS
		Determination of dimensional change in washing and drying EN ISO 5077:2008	PASS
		Determination of Breaking strength and elongation EN ISO 13934-1:2013	PASS
		Determination of Tear Resistance EN ISO 13937-2:2000	PASS
		Determination of the Heat Transmission on Exposure to Flame EN ISO 9151:2016	B1
		Determination of behaviour on Exposure to a source of radiant Heat EN ISO 6942:2002 Met.B	C1
		Determination of the contact Heat Transmission EN ISO 12127-1:2015	F1
		Limited Flame Spread EN ISO 15025:2016	A1
Limited Flame Spread EN ISO 15025:2017	A2		



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FASTNESS PROPERTIES

Test Standard	Article Ticket	Test / Standard	Result
EN ISO 20471:2013/ A1:2016	FU 50135	Colour fastness to rubbing EN ISO 105-X12:2016	PASS
		Colour fastness to perspiration EN ISO 105-E04:2013	PASS
		Colour fastness to domestic and commercial laundering EN ISO 105-C06:2010	PASS
		Determination of breaking strength and elongation EN ISO 13934-1:2013	PASS
		Water vapour resistance EN ISO 11092:2014	PASS
		Determination of dimensional change in washing and drying EN ISO 5077:2008	PASS



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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 product 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/flamepro-high-visibility

OTHER PRODUCTS IN THE FLAMEPRO™ RANGE

To complement the FlamePro™ range, we also have a selection of finishes for FlamePro™ threads. Each of these combines the superior properties of the FlamePro™ product with additional benefits specific to the end use.

Product Name	Description
FlamePro™ Splash	A molten metal splash protective fabric that is specially engineered to be lightweight, soft and flexible
FlamePro™ FLX	A range of innovative yarns and fabrics for personal protective equipment, specifically engineered to be soft, flexible and comfortable
FlamePro™ Protect+	A range of flame resistant, electric arc and molten metal splash resistant yarns with an inherent anti-microbial solution built into product DNA

Special use FlamePro™ 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 2022

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