Coats® FlamePro™ High Visibility

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 asthetics 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

FLAME RESISTANT & HIGH-VISIBILITY CERTIFIED 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	Test / Standard	Result
EN ISO 11612:2015	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

Fastness Properties

Test Standard	Test / Standard	Result
EN ISO 20471:2013/ A1:2016	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 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**

Other products in FlamePro range

To complement the FlamePro range, we also have a selection of specialist flame resistant sewing threads. Each of these products have additional benefits specific to the end use.

Product Name	Description
FlamePro Arc	FlamePro Arc fabric, offers multi-norm protection against Arc Flash, Heat, and Flame, meeting industry safety requirements.
FlamePro Splash	Engineered to be lightweight, soft and flexible.
FlamePro Comfort	Perfect combination of ergonomic design and excellent protection against thermal hazards.
FlamePro Perform	Delivers outstanding flame resistance for keeping stability under high temperatures
FlamePro FLX	Specifically engineered to be soft, flexible and comfortable.
FlamePro Standard	FlamePro Standard stands as the ultimate choice for demanding environments.

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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