



Coats® FlamePro™ FLX™

Coats FlamePro FLX is an innovative fabric for personal protective equipment, specifically engineered to be soft, flexible and comfortable. It offers the perfect combination of ergonomic design and excellent protection against thermal hazards. Suitable for a range of applications, this flexible fabric gives its wearer freedom of movement while delivering ultimate protection.



COATS
FlamePro™
FLX™



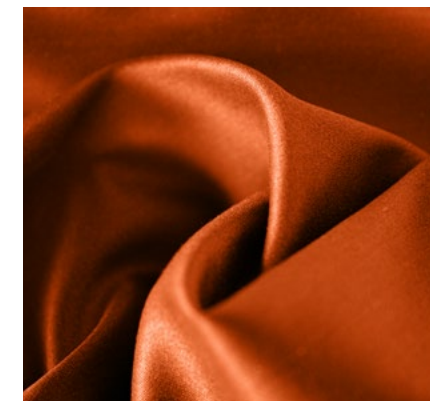
STRETCH FABRIC

Why choose FlamePro™ FLX?

- Exceptional flame and heat resistance
- More comfortable than any other comparable fabric
- Soft and cool wearing properties
- Custom blends up to five fibres
- Large selection of fibre types
- Core spun capable with filament or spun core
- Yarn dyed and dope dyed colours available
- Scientific approach to blend engineering which avoids extensive trial and error sampling (with Coats Synthesizer)
- Customised coating systems including soil release and anti-microbial
- Norms include Euro EN ISO 11612, EN ISO 11611, EN 13034, EN 11495, and NFPA 2112, NFPA 70e.

Main Uses:

- FR Denim
- Station wear
- Oil and gas station
- Petroleum and natural gas plants



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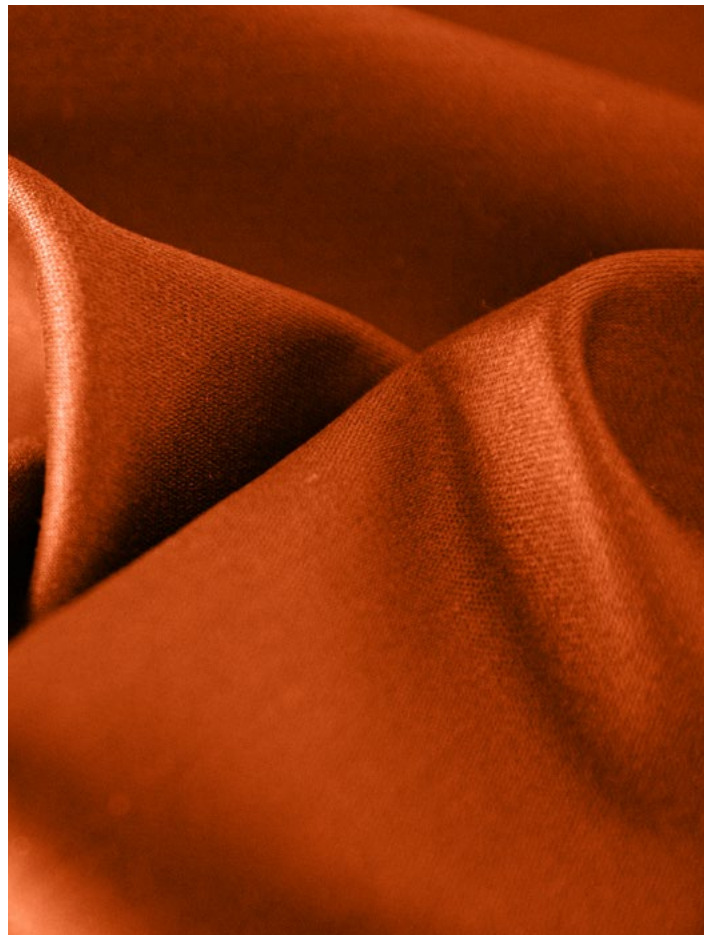
Product Range

Product	Weight g/m²	Fabric Type	Fabric Construction	Width cm
180	180 ± 5%	Twill	FR Blend + Spandex	155

Testing Data

Heat & Flame EN ISO 11612	Heat Resistance	ISO 17493:2016	PASS
	Limited Flame Spread	EN ISO 15025:2016	A1 & A2
	Heat Transmission on Exposure to Flame	ISO 9151:2016	B1
	Radiant Heat	EN ISO 6942:2002	C1
	Contact Heat	EN ISO 12127-1:2015	F1
Electrical Arc Exposure Test		ASTM F1959	ATPV 5.6 cal/cm²
Stretch and Recovery		ASTM D3107	13% – 15%

The above mentioned fabric concept and testing data is for indication only.
For customised fabric options, please get in touch with your local Coats office.



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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 Standard	FlamePro Standard stands as the ultimate choice for demanding environments.
FlamePro High Visibility	Is an inherently flame resistant and high-visibility certified fabric that is one of the lightest fabrics of its kind.

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 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. FlamePro™ and FLX™ are trademarks of J. & P. Coats, Limited. © Copyright reserved 2025.