



# Coats® FlamePro™ Perform

Unleash the Power of Protection with FlamePro Perform, where innovation meets safety in every fiber. Our high-performance Aramid fiber blends redefine the standards of flame resistant fabrics, offering unparalleled protection in Hazardous Environments. From heatblocking outer shell fabric for firefighters to protection against fatal hazards, FlamePro Perform is ideal for a range of applications requiring excellent durability against heat pulses and fire explosions.

**COATS**  
**FlamePro™**  
**Perform**



FLAME RESISTANT FABRIC  
& STABILITY AT  
HIGH TEMPERATURES

## Why choose FlamePro™ Perform?

- 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
- Customized coating systems including soil release and antimicrobial
- Norms include EN ISO 11612, EN ISO 11611 and NFPA 1971, 1975, 1977, 2112, 70e.

## Main Uses:

- Fire Safety and Emergency Services
- Oil and Gas Industries
- Chemical Industries
- Mining Industries
- Automotive Industries
- Military and Defense
- Wild Land Firefighting



# Coats® FlamePro™ Perform

## Product Range

Product	Weight g/m <sup>2</sup>	Fabric Type	Fabric Construction
W150	150 ± 5%	Plain	Meta Aramid Para Aramid Anti-Static
W200	200 ± 5%	Plain	Meta Aramid Para Aramid Anti-Static
W200RB	200 ± 5%	Rip-stop	Meta Aramid Para Aramid Anti-Static

**COATS**  
FlamePro™  
Perform



FLAME RESISTANT FABRIC  
& STABILITY AT  
HIGH TEMPERATURES

## Technical Data

		W150	W200	W200RB
<b>Heat &amp; Flame EN ISO 11612</b>	Limited Flame Spread [UNE-EN ISO 15025]	A1	A1	A1
	Limited Flame Spread [UNE-EN ISO 15025]	A2	A2	A2
	Heat Transmission on Exposure to Flame [ISO 9151]	B1	B1	B1
	Radiant Heat [UNE-EN ISO 6942]	C1	C1	C1
	Contact Heat [ISO12127-1]	F1	F1	F2
	Heat Resistance [ISO 17493]	PASS	PASS	PASS
<b>Charge Decay</b>	UNE-EN 1149-3-5	PASS	PASS	PASS
<b>Physical Tests</b>	Dimensional Stability [UNE-EN ISO 5077]	+/-3%	+/-3%	+/-3%
	Abrasion Resistance [ISO 12947-2]	40,000	50,000	50,000
	Pilling Resistance [EN ISO 12945-2]	5000 - 4	5000 - 4	5000 - 4
	Tear Strength [UNE-EN ISO 13937-2]	Warp: 40 N / Weft: 30 N	Warp: 45 N / Weft: 35 N	Warp: 50 N / Weft: 40 N
	Tensile Strength [UNE-EN ISO 13934-1]	Warp: 900 N / Weft: 600 N	Warp: 1000 N / Weft: 650 N	Warp: 950 N / Weft: 650 N
<b>Color Fastness</b>	Rubbing [EN ISO 105-X12]	Dry 4 / Wet 3-4	Dry 4 / Wet 3-4	Dry 4 / Wet 4-5
	Washing [EN ISO 105-C06]	4-5	4-5	4-5
	Perspiration [UNE-EN ISO 105-E04]	4-5	4	4-5

# Coats® FlamePro™ Perform

## 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](http://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 FLX	An innovative fabric for personal protective equipment, specifically engineered to be soft, flexible and comfortable.
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.

COATS  
FlamePro™  
Perform



FLAME RESISTANT FABRIC  
& STABILITY AT  
HIGH TEMPERATURES

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™ is trademark of J. & P. Coats, Limited. © Copyright reserved 2025.