

Coats® FlamePro™ ARC

The latest innovation from Coats, FlamePro™ ARC fabric, offers multi-hazard protection against heat, flame, and arc flash, meeting industry safety standards. FlamePro™ ARC is the ideal choice for employees in electricity distribution, utilities, refineries, and other hazardous industrial jobs. It provides Category 2 level arc protection despite its lightweight design. It not only prioritizes comfort with lightweight workwear for enhanced mobility but also delivers exceptional color durability, ensuring long-lasting wear and outstanding value.

COATS
flamepro ARC



MULTI-HAZARD
PROTECTIVE FABRIC

INHERENT FLAME RESISTANCE

Exceptional heat and flame resistance and meets industry safety standards. Coats fabrics offer improved value without compromising quality.

SUPERIOR ARC PROTECTION

FlamePro™ ARC provides optimum protection from Category 2 arc flash hazard.

LIGHTWEIGHT AND COMFORTABLE

You can promise your workers lighter and more comfortable workwear allowing great mobility while they work.

DURABILITY

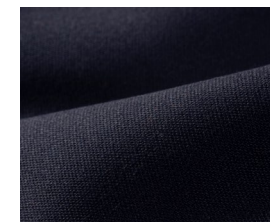
Maintaining durability for long lasting wear thanks to the durable colours incorporated in the yarn DNA.

WHY CHOOSE FLAMEPRO™ ARC?

- Arc rated and flame resistant
- Lightweight and comfortable
- Exceptional color durability
- Strong Category 2 level
- Sustainability credits for using just dope-dyed fiber

MAIN USES

- Any industry with potential arc hazard, people working with electrical systems
- Petro chemical industry
- Oil and Gas Industries
- Flame resistant workwear
- Utility and subcontractor wear
- Emergency wear and industrial workwear



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PRODUCT

Product	Weight (gsm)	Fabric Type	Colour
FlamePro™ ARC Fabric	187 gsm	Twill	Navy / Black

STANDARD PERFORMANCE SPECIFICATION FOR FLAME RESISTANT AND ELECTRIC ARC RATED PROTECTIVE CLOTHING

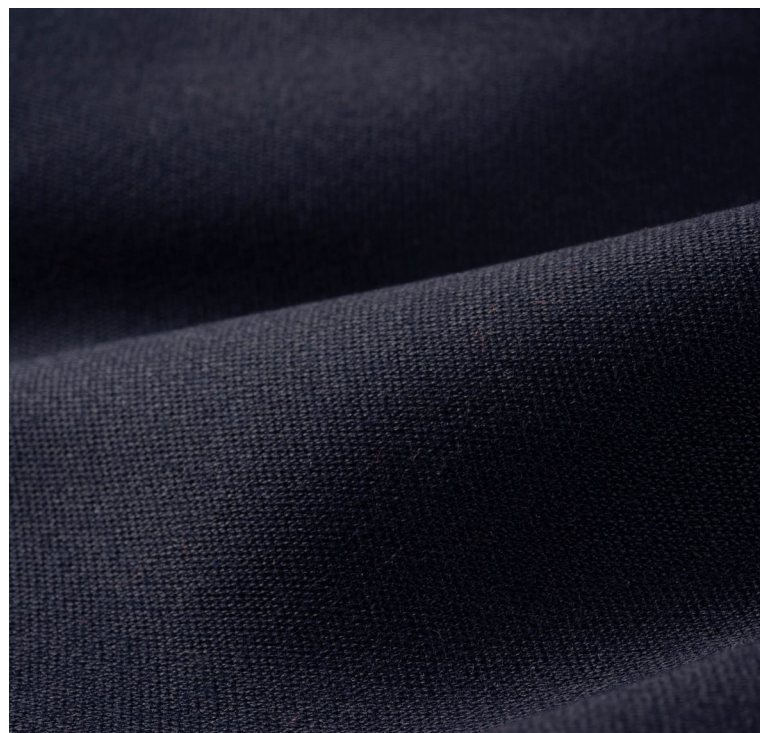
Test Standard	Test / Standard	Result
ASTM F1506:22	Limited Flame Spread ASTM D 6413/D 6413M:2022	Pass
	Determination of Dimensional Change in washing and drying AATCC TM 135:2018	Pass
	Electric Arc Test (Open Arc) ASTM F 1959/ F1959M:2022	ARC Rating (ATPV) = 9.4 cal/cm ²
	Tensile Strength ASTM D5034	Warp: 175 lbf (780 N) Weft: 110 lbf (490 N)
	Tear Strength ASTM D1424	Warp: 9.6 lbf (42 N) Weft: 7.4 lbf (33 N)
	Air Permeability ASTM D737	60 ft ³ /min/ft ² 30 cm ³ /s/cm ²
	Abrasion Resistance ASTM D4966	>100.000 Rev
	Dimensional Stability AATCC TM 135	<= 3.0%

FASTNESS PROPERTIES

Test Standard	Test / Standard	Result
AATCC	Colour Fastness to Washing AATCC TM 61:2013	5
	Colour Fastness to Dry cleaning AATCC TM 134:2013	5



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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-arc

OTHER PRODUCTS IN THE FLAMEPRO RANGE

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

Product Name	Description
FlamePro™ Standard	A cost-effective fabric solution for high temperature and flame protection.
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™ 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 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 2023

