



ARC-FLASH PROTECTIVE FABRIC

COATS® FLAMEPRO™ ARC

Coats® FlamePro™ ARC

FlamePro Arc is a lightweight, high-performance inherently flame-resistant fabric engineered to provide reliable protection against electrical arc-flash hazards. With an optimized balance of arc protection, lightweight construction, comfort and durability, it is designed for demanding electrical and industrial workwear applications.

COATS
FlamePro™
Arc



ARC-FLASH
PROTECTIVE FABRIC

KEY BENEFITS:

- Built from inherently flame-resistant fibres that never wash out or wear off
- Reliable CAT 2 arc flash protection in a lightweight fabric
- Breathable, comfortable construction built for extended wear
- Multi-norm certified protection against arc flash, heat and flame

TARGET INDUSTRIES:



Utilities



Transmission
& Distribution



Renewable
Energy



Electrical
Maintenance
Teams



Power
Generation



Energy
Systems



Industrial
Manufacturing

MULTINORM CERTIFIED



NFPA
2112



ASTM
1959



EN ISO
11612



EN
1149

PRODUCT RANGE

Product	Weight	Construction	Blend
FlamePro Arc	5.7 osy (194 gsm)	Twill Weave	Multiblend of inherently flame-resistant fibres

TECHNICAL DATA

Test Category	Test Standard	Results
Flame Resistance NFPA 2112	Manikin Burn Predicted Body Burn	PASS
	Arc Thermal Performance Value (ASTM 1959)	HRC 2 (13 cal/cm²)
	Vertical Flame After Flame (ASTM 6413 x100 wash)	<2 sec
	Vertical Flame Char Length (ASTM 6413 x100 wash)	<4 in (100mm)
	Thermal Shrinkage (After x3 wash)	<10%
Strength ISO Tests	Tensile Strength Warp / Weft (ISO 13934)	1000 N / 650 N
	Tear Strength Warp / Weft (ISO 13937)	25N / 25N
	Dimensional Stability After x5 wash (ISO 5077)	< 3%
Colour Fastness AATCC	Colour Fastness to Washing (AATCC TM 61:2013)	5
	Colour Fastness to Dry Cleaning (AATCC TM 134)	5

AVAILABLE COLOURS

Orange

Navy



WASH CARE INSTRUCTIONS



Wash at or below 60°



Do not bleach



Dry tumble
Low heat



Medium temperature



Dry clean per only

OTHER PRODUCTS IN 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	Molten metal splash protective fabric 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 Shield	Inherently flame-resistant fleece fabric built for cold environments
FlamePro High Visibility	Is an inherently flame resistant and high-visibility certified fabric that is one of the lightest fabrics of its kind
FlamePro FreshTech	An innovative inherently flame-resistant (IFR) fabric engineered with advanced anti-odour technology.

LET’S BUILD YOUR NEXT PROTECTIVE SOLUTION.



Talk to our
Technical Experts



Download
Technical Datasheets



Request
Fabric Samples

EXPLORE MORE



www.coats.com/fabrics

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 2026. SEPTEMBER 2026