COATS® FABRICS BROCHURE

PERSONAL PROTECTION

Engineered for Protection,
Trusted for Performance

WWW.COATS.COM

OCTOBER 2026

About Coats

We are the global market leader in apparel threads, structural components and threads for footwear, and innovative pioneers in performance materials.

We are manufacturers of sustainability-led innovative products, and trusted partner to leading brands across our two segments and multiple industries.

Headquartered in the UK, Coats is a FTSE250 company and a FTSE4Good Index constituent, Coats takes part in the UN Global Compact and is committed to science-based sustainability targets for 2030 and beyond.

Who We Are

OUR PURPOSE
Why we exist

To connect talent, textiles and technology to make a better and more sustainable world.

OUR VISION
What we are working to achieve

To be the world's leading industrial textiles company delivering innovation, digital solutions and sustainable value to all stakeholders.

OUR VALUES
Unique culture

We are collaborative. We are agile. We have a 'can do' attitude. We are passionate. We are diverse.

Fabrics

At Coats, we are leaders in providing advanced fabric solutions designed to meet the diverse needs of industries worldwide. With our deep expertise and state-of-the-art manufacturing processes, we deliver high-performance fabrics that excel in industrial workwear, firefighting, military, and cut protection applications.

Trusted by industry pioneers, Coats Fabrics are synonymous with unmatched durability, protection, and reliability. Our fabrics are meticulously engineered to endure the most demanding environments, ensuring safety and comfort in every use.

Coats® FlamePro™

Coats FlamePro Fabrics is an innovative range of flame-resistant, electric arc, and cut-resistant fabrics, designed to elevate protective wear across various industries. FlamePro Fabrics are crafted from a meticulously engineered blend of up to five different fiber types, each chosen for its specific properties such as flame resistance, high strength, and anti-static capabilities. The precise blend is tailored to the fabric's intended functionality and end-use application.

Using our unique proprietary technology - Blend Predictor - we scientifically determine the optimal fabric composition to meet specific protection needs, eliminating the need for extensive trial and error. This advanced approach allows us to estimate critical performance metrics, including burn protection percentage, ATPV (Arc Thermal Performance Value), and other essential data points.

FlamePro Fabrics are available in a wide variety of colors, both dyed and dope dyed, and come in multiple fabric weights and types. In addition to offering superior protective properties, our fabrics can be enhanced with customized coating systems, such as soil release and anti-microbial treatments, to further meet the demands of challenging environments.

FlamePro™ Standard

COATS Flamepro™ Standard
MULTI-HAZARD PROTECTIVE FABRIC

Coats FlamePro Standard is a reliable and cost-effective fabric solution designed to offer essential protection against high temperatures and flames. This fabric is an ideal choice for applications where sufficient protection is required at a competitive price point.

Available in a broad spectrum of colors, FlamePro Standard offers versatility in design while maintaining its protective properties. The fabric's robust construction ensures durability in challenging environments, making it a practical solution for industrial workwear, uniforms, and protective garments.

PRODUCT RANGE

Product	Weight g/m²	Fabric Type	Width cm
FlamePro Standard	180 ±5%	Twill	150
FlamePro Standard	200 ±5%	Ripstop	150
FlamePro Standard	240 ±5%	Ripstop	150
FlamePro Standard	375 ±5%	Twill	150

KEY PRODUCT BENEFITS

- Cost effective protection without compromising from quality.
- Customised coating systems available including soil release and anti-microbial.

CERTIFICATIONS

EN ISO 11611
EN ISO 11612
NFPA 2112
EN ISO 20471
ANSI-107
EN 1149-5
AS-NZ 4399
AATCC-100
ISO 17299-3

AVAILABLE COLOURS

Orange | Yellow | Navy | Royal Blue | Red | Khaki

FlamePro™ Perform

Made with a unique FR blend, Coats FlamePro Perform fabric delivers outstanding flame resistance, ensuring stability under high temperatures. Its inherent thermal protection prevents shrinkage, maintaining the fabric's shape even in extreme heat. Additionally, the use of dope-dyed fibers ensures excellent color fastness, allowing the fabric to retain its colour and resist fading through multiple washes. From heat-blocking outer shell fabric for firefighters to protection against fatal hazards, this fabric is ideal for a range of applications requiring excellent durability against heat pulses and fire explosions.

PRODUCT RANGE

Product	Weight g/m²	Fabric Type	Width cm
FlamePro Perform	150 ±5%	Plain	150
FlamePro Perform	200 ±5%	Twill	150
FlamePro Perform	200 ±5%	Ripstop	150

KEY PRODUCT BENEFITS

- Outstanding flame resistance for keeping stability under high temperatures.
- No shrinkage, ensuring the fabric retains its shape in extreme heat.
- Dope-Dyed fibers provide excellent light and color fastness, even after laundering.
- Excellent durability against heat pulses and fire explosions.

CERTIFICATIONS

EN ISO 11611

EN ISO 11612

NFPA 2112

EN 1149-5

AS-NZ 4399

AATCC-100

ISO 17299-3

AVAILABLE COLOURS

Orange | Yellow | Navy | Royal Blue | Red | Khaki | Sage Green

FlamePro™ Comfort

COATS
Flamepro™ Comfort
MULTI-HAZARD PROTECTIVE FABRIC

Coats FlamePro Comfort offers the perfect combination of ergonomic design and excellent protection against thermal hazards. Suited for a variety of applications that may lead to heat stress and heat stroke, this innovative fabric keeps the skin cool and dry for maximum comfort.

FlamePro Comfort is available in customised coating systems including soil release, antimicrobial finish, water and oil repellent that is providing durable long-lasting garments against outdoor conditions.

PRODUCT RANGE

Product	Weight g/m²	Fabric Type	Width cm
FlamePro Comfort	120 ±5%	Plain	150
FlamePro Comfort	150 ±5%	Plain	150
FlamePro Comfort	170 ±5%	Twill	150
FlamePro Comfort	180 ±5%	Twill	150
FlamePro Comfort	200 ±5%	Twill	150

KEY PRODUCT BENEFITS

- Cool and dry feeling for all day wear with maximum comfort.
- Perfect combination of ergonomic design and excellent protection against thermal hazards.
- Suited for a variety of applications that may lead to heat stress and heat stroke.

CERTIFICATIONS

EN ISO 11611 · EN ISO 11612 · NFPA 2112 · EN 1149-5 · AS-NZ 4399

AVAILABLE COLOURS

Orange · Yellow · Navy · Royal Blue · Red · Khaki

FlamePro™ Splash

COATS
Flamepro™
Splash
METAL SPLASH
PROTECTIVE FABRIC

Coats FlamePro Splash is a molten metal splash protective fabric that is specially engineered to be lightweight, soft and flexible while maintaining durability and long-lasting wear.

This fabric ensures excellent protection against radiant heat, flame metal splash and other smelting hazards due to its thermal resistant and metal-shedding design.

FlamePro Splash has good wash fastness and is durable during and after laundry which increases the life of the garment and therefore return on investment.

PRODUCT RANGE

Product	Weight g/m²	Fabric Type	Width cm
FlamePro Splash W310 (top weight)	310 ±5% 9.1 osy	Sateen	160
FlamePro Splash W340 (bottom weight)	340 ±5% 10.0 osy	Sateen	160

KEY PRODUCT BENEFITS

- Experience extreme protection against molten metal splash, preventing metal from adhering to the skin.
- Does not break out when exposed to molten metal.
- Enjoy all-day comfort with the soft, cool feel of FlamePro Splash, without compromising on performance.
- Offers multi-hazard protection, delivering exceptional flame resistance, heat resistance, and ARC Flash protection.

CERTIFICATIONS

EN ISO 11611 · EN ISO 11612 · EN 1149-5 · AS-NZ 4399 · AATCC-100 · ISO 17299-3

AVAILABLE COLOURS

Orange · Navy

FlamePro™ High Visibility

COATS
Flamepro™
High Visibility
HIGH VISIBILITY
MULTI-HAZARD
PROTECTIVE FABRIC

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.

PRODUCT RANGE

Product	Weight g/m²	Fabric Type	Width cm
FlamePro High Visibility Yellow	205 ±5%	2/1 Twill	150
FlamePro High Visibility Yellow	250 ±5%	Ripstop	150

KEY PRODUCT BENEFITS

- Available in EN-standard high-visibility yellow and orange.
- Offers enhanced comfort and aesthetics while ensuring top-tier visibility.
- Soft and lightweight, FlamePro High Visibility stands out from coated fabrics with its comfortable feel.

CERTIFICATIONS

EN ISO 11611
EN ISO 11612
NFPA 2112
EN ISO 20471
ANSI-107
EN 1149-5
AS-NZ 4399
AATCC-100
ISO 17299-3

AVAILABLE COLOURS

Yellow

FlamePro™ Arc

COATS
FlamePro™
Arc
ARC-FLASH
PROTECTIVE FABRIC

Coats FlamePro ARC offers advanced multi-norm protection against Arc flash, heat and flame while meeting key industry safety requirements. Ideal for professionals in electricity distribution, utilities, refineries, and other high-risk industrial environments, FlamePro ARC delivers HRC 2 arc flash protection in a lightweight, comfortable design. It enhances worker mobility without compromising safety and features exceptional color durability for long-lasting wear—making it a reliable and cost-effective solution for demanding work conditions.

PRODUCT RANGE

Product	Weight g/m²	Fabric Type	Width cm
FlamePro ARC	194 ±5% 5.7 osy	Twill Weave	150

KEY PRODUCT BENEFITS

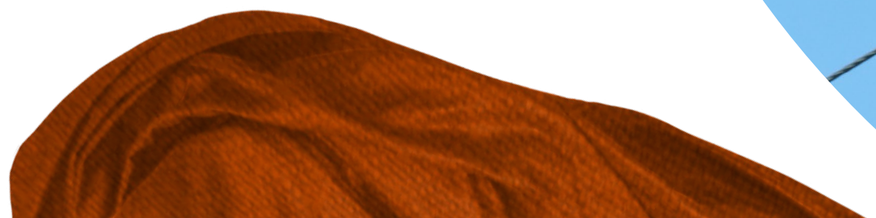
- Provides optimum protection against HRC 2 arc flash hazards.
- Superior inherent flame and heat resistance while meeting key industry safety requieremements.
- Lightweight and comfortable design ensures ease of movement for workers on the job.
- Offers long-lasting durability with colorfast yarns engineered into the fabric structure.

CERTIFICATIONS

EN ISO 11611
EN ISO 11612
NFPA 2112
EN 1149-5
AS-NZ 4399
AATCC-100
ISO 17299-3

AVAILABLE COLOURS

Orange
Navy



FlamePro™ FreshTech

COATS
FlamePro™
FreshTech
FLAME-RESISTANT WITH
ALL-DAY FRESHNESS

Coats FlamePro FreshTech is an inherently flame-resistant fabric with advanced anti-odor technology. It provides reliable protection against heat and flames while keeping garments fresh and comfortable in demanding conditions.

Ideal for workwear and protective clothing, it reduces the need for frequent washing, saves water and energy and extends garment life. This unique blend of protection, comfort, and sustainability enhances performance without compromising flame resistance.

PRODUCT RANGE

Product / Treatment	Base Fabric	Weight g/m²	Fabric Type	Width cm
FlamePro FreshTech	FlamePro Perform	150 ± 5%	Inherent FR	150
FlamePro FreshTech	FlamePro Standard	200 ± 5%	Inherent FR	150

Please be noted that FlamePro FreshTech treatment can be applied to all FlamePro fabrics (Standard, Perform, Comfort etc.) without affecting inherent flame-resistant properties.

KEY PRODUCT BENEFITS

- Built-in IFR protection for reliable heat and flame resistance.
- All-day freshness and hygiene with odor-control technology.
- Lightweight and comfortable for long, demanding shifts.
- Extended garment life with reduced laundering frequency.
- Sustainable performance with reduced environmental impact.

CERTIFICATIONS

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EN 1149-5 · AS-NZ 4399 · AATCC-100 · ISO 17299-3

AVAILABLE COLOURS

Orange · Yellow · Navy · Royal Blue · Red · Khaki · Sage Green

FlamePro™ Shield

Coats FlamePro Shield is an advanced, inherently flame-resistant fleece fabric engineered to deliver reliable protection, superior thermal performance and lasting wearer comfort in demanding industrial environments. Its brushed-knit construction provides effective insulation in cold-weather conditions while maintaining comfort during extended use.

With antistatic and electric-arc protection, it offers a versatile fabric solution for protective garments including jackets, sweatshirts, hoodies, and thermal-layering systems.

PRODUCT RANGE

Product / Treatment	Weight g/m²	Fabric Type	Width cm
FlamePro Shield	350 ±5%	Knitted Fleece	190

KEY PRODUCT BENEFITS

- Inherent flame resistance that never washes out or wears off
- Superior thermal comfort for demanding cold-weather environments
- Exceptional wearer comfort during extended working hours
- Multi-hazard protection engineered for high-risk industries
- Added hygiene and odour-control performance for long-lasting freshness

CERTIFICATIONS

EN ISO 11611 · EN ISO 11612 · NFPA 2112 · EN ISO 20471 · ANSI-107

EN 1149-5 · AS-NZ 4399 · AATCC-100 · ISO 17299-3

AVAILABLE COLOURS

Orange · Navy · Khaki · Red · Hi-Vis Yellow

FlamePro™ Knits

COATS FlamePro™ Knits

LIGHTWEIGHT FLAME-RESISTANT KNIT FABRIC

Coats FlamePro Knits is an inherent flame-resistant knitted fabric range that combines certified protection with exceptional next-to-skin comfort and freedom of movement. Its soft, breathable construction delivers a modern protective apparel solution that improves wearer acceptance and extends the range of FR options beyond traditional workwear.

Ideal for T-shirts, polo shirts, base layers, and mid-layer garments, the range offers a differentiated, higher-value FR proposition, with lightweight and comfortable protection for evolving needs.

PRODUCT RANGE

Product / Treatment	Weight g/m²	Fabric Type	Composition
FlamePro Knits	180 - 250	Single Jersey, Pique, Jaquard, Rib	Modacrylic Mulitblend

KEY PRODUCT BENEFITS

- Inherent FR performance that never washes out.
- Soft, breathable, and flexible knit construction.
- Protective performance in the style of everyday Polos and T-shirts.
- Premium, layering, and next-to-skin FR options for protective apparel.

CERTIFICATIONS

EN ISO 11611

EN ISO 11612

NFPA 2112

EN ISO 20471

ANSI-107

EN 1149-5

AS-NZ 4399

AATCC-100

ISO 17299-3

AVAILABLE COLOURS

Orange | Yellow | Navy | Royal Blue | Khaki | Black

Our Sustainability Strategy

We are dedicated to integrating sustainability into our operations, continuously improving our environmental, social, and governance practices and this is reflected in our strategy and the short-,medium-, and long-term targets we have set.

Energy
We reduce carbon emissions through more efficient use of energy and transitioning to renewable sources whenever they become available. This is our crucial contribution to combat climate change.

Materials
With Coats EcoVerde we are driving the material transition away from virgin oil-based sewing threads. And we are on target to achieve 60% sustainable materials by 2026.

Water
The colouration or dyeing process is where we use the most water in our operations. We take great care of water resource by reducing our water intensity and through the installation of water recycling facilities.

Waste
Through all our processes we ensure that we recover, re-use and recycle as much material as possible. Where residual waste product is unavoidable, the waste is processed responsibly and always with the smallest impact on the environment.

People
We have a responsibility to employees, their families, our communities and all the people in our wider supply chain who touch our business. Through policies, programmes and community events, we ensure that safety, wellbeing, fairness, equality, diversity and opportunity are always top of mind for everyone.

Coats Expertise

Pioneering Solutions for Protective Fabrics

With our global expertise, innovative solutions, and technical support, Coats can help you meet your current and future needs. We offer a wide range of products that will enhance the quality of your products.

For more information visit
www.coats.com

Since conditions and applications vary considerably in the use of a product, the customer and/or user should assure herself or himself 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 above 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. Brochures are updated for time to time, please be sure you are referring to the most recent publication.

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