

Arc Flash Fact Sheet

Workwear

Electric arc flash is one of the least understood hazards of electricity and prevalent in most industries with around 1,000 electrical accidents at work each year and as many as 25¹ people dying from their injuries. Most electrical accidents occur because people are working on or near equipment that is thought to be dead or known to be live but those involved are not properly prepared.

¹HSE Electrical Safety at Work

The Arc Flash Protection Programme from J&K Ross helps you understand the potential risks from arc flash incidents, the control measures that may be needed and whether the provision of PPE is appropriate. Follow the three stage process to find out ...

Risk Assess

Implement a risk assessment to identify the possibility of an arc flash in your working environment.

React

If necessary, carry out an arc flash study to determine the potential intensity - how big is the bang?

Realise

Put control measures in place to reduce or eliminate the risk. Only provide correct personal protection if this isn't possible.



Personal Protective Equipment (PPE) is the last line of defence.

All reasonable and practical control measures should be in place before it is issued.

ARC BAN[®]

Introducing arc flash protection clothing incorporating DuPont™ Nomex®

www.arcflashprotection.co.uk

ARCBAN® Over Trouser

DuPont™
Nomex®

The ARCBAN® clothing range incorporating DuPont™ Nomex® is designed to be “layered” to provide differing levels of protection against the risk identified. Ranging from undergarments to coveralls all the clothing is made from an antistatic fabric that helps to discharge static build up from the body and garments as well as protecting against the thermal hazards of an electric arc and also against accidental contact with heat and flame.

ARCBAN® arc flash protection clothing includes a range of workwear:

- **ARCBAN® Undergarments**
- **ARCBAN® Poloshirts**
- **ARCBAN® Trousers**
- **ARCBAN® Jackets & Coats**
- **ARCBAN® Coveralls**

ARCBAN® Three Layer Over Trouser made from Nomex® (ATPV 40 cal/cm²)

Arc protective, inherently flame resistant, antistatic, three layer trouser, to give protection against thermal hazards of an electric arc.

Long lower leg access zips and specially designed waist fastening to allow easy donning

Fabrics: Outer Layer - Nomex® Comfort 220g/m²
Mid Layer Dale Knit Nomex®
Inner Layer Nomex® Comfort 220g/m²
(93% Nomex®, 5% Kevlar®, 2% P-140 Carbon Antistatic Fibre)

Standards: EN531 A B1 C1
Compliant with the requirements of EN1149-3:2004 and prEN1149-5:2006-04
CE Certified to garment standard IEC 61482-2, Open arc method EN61482-1-1 ATPV 40 cal/cm²
Outer fabric meets EN61482-1-2 (arc in a box) Class 1 (4KA)

Sizes: One size fits all

Colours: Dark Blue
Orange
Available with or without arc rated yellow reflective tape

PPE supplied should match the calculated level of risk to ensure adequate protection.

Call us to discuss your complete arc flash requirements. If you haven't found what you are looking for we can develop bespoke garments (subject to quantity). All garments can be customised with your logo, assisting with corporate identity.

Web: www.arcflashprotection.co.uk

Email: safety@jkross.co.uk

Tel: +44 (0)1925 645645

The ARCBAN range also includes garments for outdoor wear as well as helmets and visors to protect the head and face, and gloves to protect the hands.

Visit our website to download factsheets on:
Head & Face Protection, Hand Protection and Outdoor wear

ROSS
Quality Protective & Safety Wear

As specialists in Arc Flash Protection J&K Ross has developed the Arc Flash Protection Programme incorporating ARCBAN® clothing made with DuPont™ Nomex® to help you understand the potential risks from arc flash accidents, what control measures you may need to adopt and if personal protective equipment is required.

