

# ArcSafe® X50 ArcFlash Switching Coat & Leggings Kit with Lift Front Hood



**This kit includes:**

- ArcSafe® X50 Lift Front Hood
- ArcSafe® X50 Coat
- ArcSafe® X50 Leggings
- ArcSafe® X50 Gloves
- Gear Bag.

Part Number

Size

EASKCLHLX50

SML-3XL

No better protection.

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# ArcSafe® X50 Arc Flash Lift Front Switching Hood

ATPV 52 PPE4 (HRC4) Orange

The ArcSafe® X50 Arc Flash Lift Front Switching Hood incorporates our new highly transparent ArcSafe Lift Front face shield. The hood provides the user with unmatched air ventilation and an easy way to effectively communicate with other teammates while maintaining safety on the job site. Simply grip the latch assembly located at the front of the shield, and lift the window. To lower the shield, just pull it back down into position.

### Materials

- Outer Fabric: 180gsm etek™ NXT™
- Lining Fabric: 310gsm T-Gard® III Plus

### Lift Front Design

- Allows easy and quick access to fresh air and release of built up heat and carbon dioxide
- Integrated hard hat
- Ensures wearer is still wearing head protection.

### Face Shield – Highly Transparent Grey with Full Colour Recognition

- The grey-coloured highly transparent face shield allows for full colour recognition
- A large toric window ensures superior peripheral vision, reduces internal glare, can be worn with prescription glasses/eyewear without distortion and reduces eye stress and strain
- Transparent chin protector allow the user a wide field of view, excellent downward vision and the ability to check one's footing.
- The nanoparticle formula ensures the performance of the shield is not negatively affected when scratched
- Abrasion resistant coating on the front surface and a permanent anti-fog coating on the interior.

### Ventilation

- The hood includes front and side air vents for indirect ventilation when the face shield is closed
- Improves wearer comfort and allows the release of built up heat and carbon dioxide.

### Communication

- Auditory ports allow for auditory communication through side ports and front ports when the face shield is closed.



Part Number	Item
EASCHLFX50	Lift Front Switching Hood
EASCHLFX50AV	With Optional ArcVents
ASALMKIT	Streamlight Flashlight and Bracket

## Product Data Sheet

### Standards and Certification

- This ArcSafe® X50 Arc Flash protective garment has been independently tested by Kinectrics to ASTM F2178-08 Standard Test Method for Determining the Arc Rating and Standard Specification for Face Protective Products
- X50 Garments comply with the Personal Protective Equipment requirements of AS 4836:2011 Safe working on or near low-voltage electrical installations and equipment and ENA NENS 09-2014 National Guideline for the Selection, Use and Maintenance of PPE for Electrical Arc Hazards – Arc Rated Garments and Hoods
- Meets Standards for Flame Resistant Fabrics – ASTM F1506 and NFPA 70E
- Arc Rating: ATPV – 52cal/cm; PPE4 (HRC4).

### Optional Extras

#### ArcSafe® Streamlight® Flashlight

The ArcSafe® Streamlight® Flashlight is designed to provide high intensity illumination in low light areas or when working up close. Designed to be used with our ArcSafe® Lift Front Hoods and ArcSafe® AmpShield Face Shields and comes with an articulated light mount. ATPV 65 cal/cm<sup>2</sup>.

- Flashlight-Thermoplastic, Lens-Polycarbonate, LED Bulb
- 60 Lumens
- Uses 2 AAA batteries (included)
- Push-button switch for easy one handed operation
- Light stays in place when shield is lifted
- Clips on right or left side.

**Part Number:** ASALMKIT

### Arcsafe® ArcVents

- Rear ArcVents can be added for additional ventilation, release of heat and carbon dioxide and auditory communication improvement.

### Decontamination

- Remove fabric component from face shield components and follow Fabric/Garment Care Instructions
- Wash face shield and other plastic components with a mild detergent and water. Rinse well and dry with soft cloth or chamois.



### IMPORTANT

NFPA 70E Compliance requires wearing of the whole system (3-piece) as ONE UNIT. 3 Pieces including hood, coat and leggings or hood, jacket and bib & brace trousers. Once a garment has been exposed to an arc flash, it must be removed from service.

## ArcSafe® X50 Arc Flash Switching Coat

### ATPV 52 PPE4 (HRC4) Orange

The ArcSafe® X50 Arc Switching Coat is made from orange etek™ NXT™ and T-Gard® III Plus thermal liner with an ATPV 52 PPE4 (HRC4). This new fabric system is ideal for hot conditions and wicks moisture away from the body improving wearer comfort. The ergonomic design includes an action back, underarm gussets and articulated sleeves for greater range of movement and improved comfort levels.

### X50 Materials

- Outer Fabric: 180gsm etek™ NXT™
- Lining Fabric: 310gsm T-Gard® III Plus

### Features

- Length 1300mm
- Ergonomic design includes an action back, underarm gussets and articulated sleeves for greater range of movement and improved comfort levels
- Heavy duty zipper and hook + loop closure system
- Internal Nomex knitted wristers with hook + loop closure tab
- Reinforced sleeve cuffs and coat hem for greater durability
- **OPTIONAL:** Silver FR reflective trim: Class D/N.



X50 Coat	with Reflective Trim	Size
EASCCX50SML	EASCCX50T1SML	SML
EASCCX50MED	EASCCX50T1MED	MED
EASCCX50LRG	EASCCX50T1LRG	LRG
EASCCX50XLG	EASCCX50T1XLG	XLG
EASCCX502XL	EASCCX50T12XL	2XL
EASCCX503XL	EASCCX50T13XL	3XL

## Product Data Sheet

### Standards and Certification

- This ArcSafe® Arc Flash protective garment has been independently tested by Kinectrics to:
  - ASTM F2621-19 Standard Practice for Determining Response Characteristics and Design Integrity of Arc Rated Finished Products in an Electric Arc Exposure
  - EC 61482-1-2 – Box Testing Class 2.
- This ArcSafe® Arc Flash protective garment is certified by BSI to AS4602.1:2011 High Visibility Safety Garments: Garments for high risk applications
- X50 Garments comply with the Personal Protective Equipment requirements of AS 4836:2011 Safe working on or near low-voltage electrical installations and equipment and ENA NENS 09-2014 National Guideline for the Selection, Use and Maintenance of PPE for Electrical Arc Hazards – Arc Rated Garments and Hoods
- X50 Fabric Ensemble has been independently tested by Kinectrics to:
  - ASTM F1506 Standards for Flame Resistant Fabrics – ASTM F1506
  - IEC 61482-1 Method A – Fabrics.



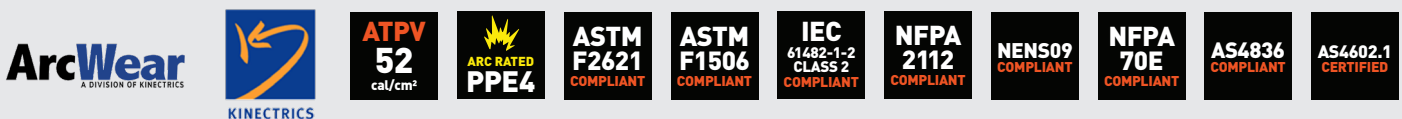
### Performance Results

- Arc Rating: ATPV – 52cal/cm; PPE4 (HRC4)
- IEC 61482-1-2 Box Testing – Class 2
- AS4602.1:2011 – Class D

#### PRODUCT CERTIFICATION



BSI Certified Product  
AS/NZS 4602.1:2011  
BMP No 739979



#### IMPORTANT

NFPA 70E Compliance requires wearing of the whole system (3-piece) as ONE UNIT. 3 Pieces including hood, coat and leggings or hood, jacket and bib & brace trousers. Once a garment has been exposed to an arc flash, it must be removed from service.

# ArcSafe® X50 Arc Flash Switching Leggings

ATPV 52 PPE4 (HRC4) Orange

The ArcSafe® X50 Arc Switching Leggings are made from orange etek™ NXT™ and T-Gard® III Plus thermal liner with an ATPV 52 PPE4 (HRC4). This new fabric system is ideal for hot conditions and wicks moisture away from the body improving wearer comfort.

### X50 Materials

- Outer Fabric: 180gsm etek™ NXT™
- Lining Fabric: 310gsm T-Gard® III Plus

### Features

- 50mm hook + loop rear closure
- Length: 400mm

### Standards and Certification

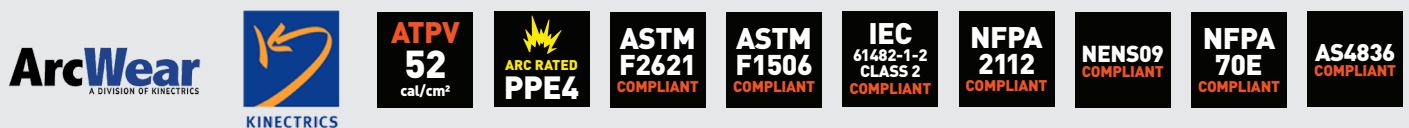
- This ArcSafe® Arc Flash protective garment has been independently tested by Kinectrics to:
  - ASTM F2621-19 Standard Practice for Determining Response Characteristics and Design Integrity of Arc Rated Finished Products in an Electric Arc Exposure
  - IEC 61482-1-2 – Box Testing Class 2.
- X50 Garments comply with the Personal Protective Equipment requirements of AS 4836:2011 Safe working on or near low-voltage electrical installations and equipment and ENA NENS 09-2014 National Guideline for the Selection, Use and Maintenance of PPE for Electrical Arc Hazards – Arc Rated Garments and Hoods
- X50 Fabric Ensemble has been independently tested by Kinectrics to:
  - ASTM F1506 Standards for Flame Resistant Fabrics – ASTM F1506
  - IEC 61482-1 Method A – Fabrics.

### Performance Results

- Arc Rating: ATPV – 52cal/cm; PPE4 (HRC4)
- EC 61482-1-2 Box Testing – Class 2
- AS4602.1:2011 – Class D



Part Number	Size
EASCLX50	One Size Fits All



### IMPORTANT

NFPA 70E Compliance requires wearing of the whole system (3-piece) as ONE UNIT. 3 Pieces including hood, coat and leggings or hood, jacket and bib & brace trousers. Once a garment has been exposed to an arc flash, it must be removed from service.

# ArcSafe® X50 Arc Flash Switching Gloves

ATPV 52 PPE4 (HRC4)

The ArcSafe® X50 Arc Flash Switching Gloves are inherently flame resistant, providing protection against electrical arc flash, and flash fire. This glove is 420mm in length.

### X50 Materials

- Outer Fabric: 180gsm etek™ NXT™
- Lining Fabric: 310gsm T-Gard® III Plus

### Standards and Certification

- Meets Standards for Flame Resistant Fabrics – ASTM F1506 and NFPA 70E, etek™ NXT™ is UL Certified to NFPA 2112
- Arc Rating: ATPV – 52cal/cm<sup>2</sup>.

### Etek™ NXT™ Fabric Benefits

- Inherently flame resistant
- Electrical arc flash and flash fire protection
- Extremely comfortable to wear – soft and breathable
- Excellent moisture management
- Exceptional abrasion resistance
- Least care washing and maintains a like-new appearance after multiple industrial washes.



Part Number	Size
EASCGX50SML	SML
EASCGX50MED	MED
EASCGX50LRG	LRG
EASCGX50XLG	XLG



### IMPORTANT

NFPA 70E Compliance requires wearing of the whole system (3-piece) as ONE UNIT. 3 Pieces including hood, coat and leggings or hood, jacket and bib & brace trousers. Once a garment has been exposed to an arc flash, it must be removed from service.