

# ArcSafe® X50 ArcFlash Switching Jacket and Bib & Brace Trousers Kit with Beekeeper Hood



## This kit includes:

- ArcSafe® X50 Beekeeper Hood
- ArcSafe® X50 Jacket
- ArcSafe® X50 Bib & Brace Trousers
- ArcSafe® X50 Gloves
- Gear Bag.

Part Number

Size

EASKJTHSX50

SML-3XL

No better protection.

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## ArcSafe® X50 Arc Flash Switching Beekeeper Hood

ATPV 52 PPE4 (HRC4) Orange

The ArcSafe® X50 Arc Flash Switching Hood incorporates our new highly transparent ArcSafe face shield. The hood provides the user with full colour recognition. This new fabric system is ideal for hot conditions and wicks moisture away from the body improving wearer comfort.

### Materials

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

### Design

- Traditional Beekeeper hood design
- Integrated hard hat

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

- The grey-coloured highly transparent face shield allows for full colour recognition
- 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.

### Arcsafe® ArcVent

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



Part Number	Item
EASCHX50	Beekeeper Switching Hood
EASCHX50AV	With Optional ArcVents

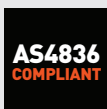
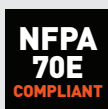
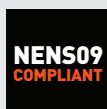
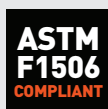
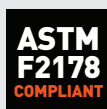
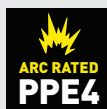
## Product Data Sheet

### 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).

### 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 Jacket

### ATPV 52 PPE4 (HRC4) Orange

The ArcSafe® X50 Arc Switching Jacket 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 870mm
- 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.



Standard X50 Jacket	with Reflective Trim	Size
EASCJX50SML	EASCJX50T1SML	SML
EASCJX50MED	EASCJX50T1MED	MED
EASCJX50LRG	EASCJX50T1LRG	LRG
EASCJX50XLG	EASCJX50T1XLG	XLG
EASCJX502XL	EASCJX50T12XL	2XL
EASCJX503XL	EASCJX50T13XL	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.



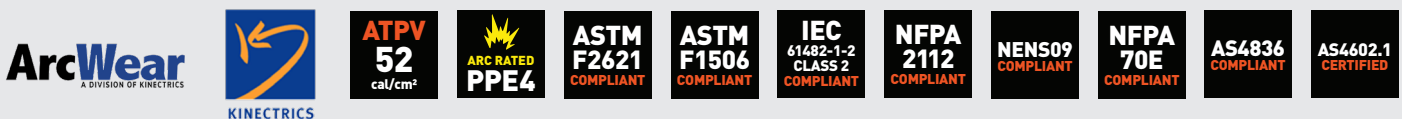
### Performance Results

- 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 Bib and Brace Trousers

### ATPV 52 PPE4 (HRC4) Orange

The ArcSafe® X50 Arc Switching Bib and Brace Trousers 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. The ergonomic design includes articulated knees for greater range of movement and improved comfort levels. Bib and brace design with 50mm wide braces and side tab closures for snug fit.

### X50 Materials

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

### Features

- Bib & Brace design
- Ergonomic articulated knees for greater range of movement and improved comfort levels
- 50mm heavy duty braces
- Hook + loop side closure tabs for snug fit
- Legg cuff hook + loop closure tabs
- **OPTIONAL:** Silver FR reflective trim: Class D/N.



Standard X50 Trousers	with Reflective Trim	Size
EASCTX50SML	EASCTX50T1SML	SML
EASCTX50MED	EASCTX50T1MED	MED
EASCTX50LRG	EASCTX50T1LRG	LRG
EASCTX50XLG	EASCTX50T1XLG	XLG
EASCTX502XL	EASCTX50T12XL	2XL
EASCTX503XL	EASCTX50T13XL	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.

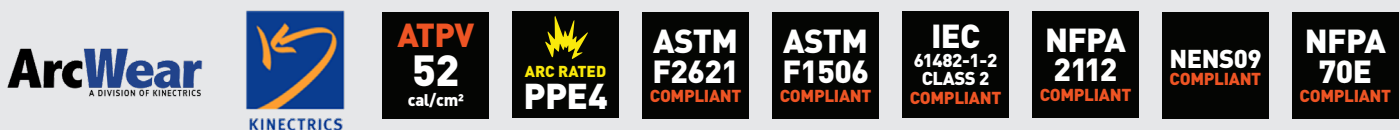
### Performance Results

- 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 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.