

# ArcSafe® S40 ArcFlash Switching Jacket and Bib & Brace Trousers Kit with Lift Front Hood



## This kit includes:

- ArcSafe® S40 Lift Front Hood
- ArcSafe® S40 Jacket
- ArcSafe® S40 Bib & Brace Trousers
- ArcSafe® S40 Gloves
- Gear Bag

## Part Number

## Size

EASKJTHLS40

SML-3XL

No better protection.

[elliotts.net](http://elliotts.net)



## Product Data Sheet

# ArcSafe® S40 Arc Flash Lift Front Switching Hood

## ATPV 46 PPE4 (HRC4) GREEN

The ArcSafe® S40 Arc Flash Lift Front Switching Hood incorporates the Super Lightweight S40 materials with 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.

## S40 Materials

- Outer Fabric: 173gsm Norfab NF Arc™
- Lining Fabric: 207gsm OmniQuilt™

## 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 Grey

- 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	Size
EASCHLFS40	ArcSafe® S40 Lift Front Hood
EASCHLFS40AV	ArcSafe® S40 Lift Front Hood with two rear arcvents
ASALMKIT	StreamLight Flashlight and bracket

## Product Data Sheet

### Standards and Certification

- This ArcSafe® 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
- Meets Standards for Flame Resistant Fabrics – ASTM F1506 and NFPA 70E
- Arc Rating: ATPV – 46cal/cm; PPE4 (HRC4).

### Optional Extras

#### ArcSafe® Streamlight® Flashlight

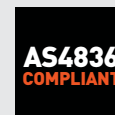
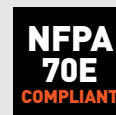
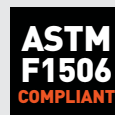
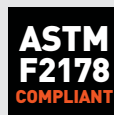
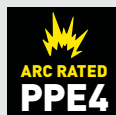
The ArcSafe® Streamlight® Flashlight is designed to provide high intensity illumination in low light areas or when working up close. Designed to be used with our ArcSafe® Lift Front Hoods and ArcSafe® AmpShield Face Shields and comes with an articulated light mount. ATPV 65 cal/cm².

- 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.



### 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.

## Product Data Sheet

### ArcSafe® S40 Arc Flash Switching Jacket

#### ATPV 46 PPE4 (HRC4) GREEN

The ArcSafe® S40 Arc Switching Jacket is made from Norfab NF Arc™ and OmniQuilt™ thermal liner with an ATPV 46 PPE4 (HRC4). This **NEW super lightweight 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.

#### S40 Materials

- Outer Fabric: 173gsm Norfab NF Arc™
- Lining Fabric: 207gsm OmniQuilt™

#### Features

- Super Lightweight 380gsm S40 fabric system
- 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 and loop closure system
- Internal Nomex knitted wristers with hook and loop closure tab
- Reinforced sleeve cuffs and coat hem for greater durability

#### 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.
- S40 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 – 46cal/cm; PPE4 (HRC4)
- IEC 61482-1-2 Box Testing – Class 2



Part Number	Size
EASCJS40SML	SML
EASCJS40MED	MED
EASCJS40LRG	LRG
EASCJS40XLG	XLG
EASCJS402XL	2XL
EASCJS403XL	3XL



#### 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.



## Product Data Sheet

### ArcSafe® S40 Arc Flash Bib & Brace Trousers

#### ATPV 46 PPE4 (HRC4) GREEN

The ArcSafe® S40 Arc Bib & Brace Trousers are made from Norfab NF Arc™ and OmniQuilt™ thermal liner with an ATPV 46 PPE4 (HRC4) and includes Silver FR Reflective trim. This **NEW super lightweight 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.

#### S40 Materials

- Outer Fabric: 173gsm Norfab NF Arc™
- Lining Fabric: 207gsm OmniQuilt™

#### Features

- Super Lightweight 380gsm S40 fabric system
- 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

#### 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.
- S40 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 – 46cal/cm; PPE4 (HRC4)
- IEC 61482-1-2 Box Testing – Class 2



Part Number	Size
EASCTS40SML	SML
EASCTS40MED	MED
EASCTS40LRG	LRG
EASCTS40XLG	XLG
EASCTS402XL	2XL
EASCTS403XL	3XL



#### 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.

## Product Data Sheet

# ArcSafe® S40 Arc Flash Switching Gloves

## ATPV 46 PPE4 (HRC4) GREEN

The ArcSafe® X50 Arc Flash Switching Gloves are inherently flame resistant, providing protection against electrical arc flash, and flash fire.

## S40 Materials

- Outer Fabric: 173gsm Norfab NF Arc™
- Lining Fabric: 207gsm OmniQuilt™

## Standards and Certification

- Meets Standards for Flame Resistant Fabrics – ASTM F1506 and NFPA 70E
- Arc Rating: ATPV – 46cal/cm<sup>2</sup>

## Performance Results

- Arc Rating: ATPV – 46cal/cm; PPE4 (HRC4)
- IEC 61482-1-2 Box Testing – Class 2



Part Number	Size
EASCGS40SML	SML
EASCGS40MED	MED
EASCGS40LRG	LRG
EASCGS40XLG	XLG

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