

A full-page photograph of an electrical worker in a substation. The worker is wearing a dark green, hooded protective suit, a clear face shield, and yellow gloves. They are leaning forward, working on a piece of electrical equipment. The background shows other substation components and a clear blue sky. On the left side of the image, there is a vertical orange and black diagonal hazard stripe.

On average there is almost
1 fatality a day and over
5,000 days away from
work due to electric shock
or burn...

US Bureau of Labor Statistics

Encon®
SAFETY PRODUCTS

PERSONAL ARC FLASH PROTECTION

Since 1964, Encon Safety Products has been a leader in safety solution for many of the world's largest and most prestigious companies. Encon prides itself on quality first, availability and the best value around.

ARC FLASH

Encon Safety Products' ArcFlash protective clothing delivers the necessary comfort and safety that you expect from a quality company like Encon. We offer Arc Thermal Performance Exposure Value (ATPV) protection from Level II to Level IV, using only the best material, and highest manufacturing techniques. Our Arc Flash clothing meets or exceeds all necessary standards (NFPA 70E-2004, ASTM 1506-2001, and OSHA 1910-269) in order for you to return home in the same way you came to work, everyday.

SPECIFICATIONS

- Available in:
Level IV 50 cal/cm² (Deep Forest Green)
Level IV 40 cal/cm² (Navy Blue)
Level III 25 cal/cm²
Level II 11 cal/cm²
- Made of lightweight Nomex® (50 cal) or INDURA Ultra Soft® (40 cal and below)
- Sealed with Flame Retardant (FR) Velcro closures
- Stitched with same FR material as entire outfit

Encon now offers kits, available in 8, 11, 40 and 50 cal ratings. You now have the ability to get your clothing and gloves all in one easy purchase. Call for full details on pricing and the content of all our kits.

PANTS

20 cal/cm² Arc Flash "pullover pant", grey, uniquely designed to accommodate a wide range of worker, the tunnelized inner elastic waist allows for a customized fit for a variety of waist sizes, flame retardant Velcro ankle adjusting cinches help to seal off the lower leg, Indura® Ultra Soft® 9oz shell - breathable and FR life of garment.



BIB OVERALL

Complementing the Short Coat is the Bib Overall. The Bib is constructed for ease of use without compromising the integrity or the safety of the material. It has Velcro from the calf to the bottom for easy boot entry. It also has shoulder straps that have a quick disconnect in order to quickly and easily put on and remove the overall.



SHORT COAT

The piece that dictates selection of the Arc Flash outfit style is the coat. The Short Coat is 32 inches long (thigh length). The Short Coat is sealed with FR Velcro.





LONG COAT

The piece that dictates selection of the Arc Flash outfit style is the coat. Encon Safety Products' Long Coat is 49 inches long (calf length). The jacket is also sealed with FR Velcro.

COVERALLS

Level 2 Arc Flash Protection Clothing complies with Hazard Risk Category 2 (HRC 2) under the NFPA 70E standard.

Encon Safety Product's Level 2 clothing provides at minimum 8 cal/cm² ATPV rated protection and is available up to 25 cal/cm² ATPV.



LEGGING

Leggings are the necessary counterpart to the Long Coat that protects the lower legs. The 14 inch leggings are made to wrap around each leg. They are sealed in the back with FR Velcro.

Shown with boots. Boots not included with legging.

Arc Flash Gloves



GLOVES

Encon offers a line of voltage rated insulating gloves and protectors.

They are offered in a variety

of sizes and made for extended wear. Both are constructed for comfort and to minimize fatigue. Call for a full description of sizes and prices.



Electrician's Gloves



ARC FLASH CLOTHING SIZE CHART

	SM	MD	LG	XL	2X	3X	4X**	5X**
Chest	34/36	38/40	42/44	46/48	50/52	54/56	58/60	62/64
Arm	32 1/2 /33	33 1/2 /34	34 1/2 /35	35 1/2 /36	36	36	36	36
Ordering #	01	02	03	04	05	06	**Special order size only	

ARC FLASH HEAD AND FACE PROTECTION ACCESSORIES

ARC HEAD GEAR KIT W/SLOTTED BRACKET

Model: CLH10C0321

Visor with chin guard.



UNIVERSAL

Model: CLH40C1210

- Faceshield with chin cup
- Universal visor/adaptor
- Dielectric hard cap



HOOD

The hood completes the Arc Flash outfit. Like the rest of the outfit, the hood is made with comfort and safety in mind. The hood itself is able to be fitted directly onto a standard hard hat and the hood has a 15 inch front bib to provide added protection. Additional Specs: Viewing area of 20 inches, ANSI Z87.1 approved shield, plastic material, tinted.

Arc Flash Head Protection Kits are

available with a 70% light transmission shield, hard hat bracket and with or without a chin guard and optional hard hat. They are also available as a replacement for a current shield. The visors have an anti-fog coating to prevent the formation of fog on the lens. Hat brackets are available to fit slotted, non-slotted and full brim hard hats.

MODEL	DESCRIPTION
CLH10C0120	Arc Head Gear Kit w/Slotted Bracket
CLH10C0121	Arc Head Gear Kit w/Slotted Bracket w/Chin Guard
CLH10C0220	Arc Head Gear Kit w/Non-Slotted Bracket
CLH10C0221	Arc Head Gear Kit w/Non-Slotted Bracket w/Chin Guard
CLH10C0320	Arc Head Gear Kit for Full Brim Hard Hat
CLH10C0321	Arc Head Gear Kit for Full Brim Hard Hat w/Chin Guard

FEATURES

- Designed to fit most protective hard hats.
- Models with or without chin guard.
- ATPV cal/cm² Arc rating for Risk Category 2 protection
- Shields coated with Anti-Fog.



Model#
CLO20C0000
shown

ENCON PERSONAL PROTECTIVE EQUIPMENT KITS FOR ARC FLASH

PERSONAL PROTECTIVE KIT 40 cal/cm² HRC 4

Model: AFK3409



PERSONAL PROTECTIVE KIT 11 cal/cm² HRC 2

Model: AFK3209



Our higher level protective garments

for electrical hazard exposure are multi-layered yet lightweight and flexible. The additional fabric layers afford greater mass and therefore higher protective values. As stated in the established standards, the user must determine his or her level of exposure. Encon® Arc Flash products meet or exceed standards (requirements) set forth in the NFPA 70E Edition Standard, OSHA 1910.269 CFR, and ASTM F 1506.

Encon® Personal Protective Equipment Kit 40 cal/cm² HRC 4

This kit contains an arc flash coat, bib overalls or pants & short coat or long coat & leggings, hard hat, electrical insulating rubber gloves, leather protector gloves, glove bag, and kit carry bag.

This kit includes Class 0 insulating rubber gloves. Natural Rubber construction offers excellent dielectric properties combined with flexibility, strength and durability.

Sizes S, M, L, XL, 2XL, and 3XL available from stock.

Other sizes available by special order.

These kits meet NFPA 70E-2004 Hazard Risk Category 4.

Encon® Personal Protective Equipment Kit 11 cal/cm² HRC 2

These kits contain arc flash coat, bib overalls, hood, hard hat, electrical insulating rubber gloves, leather protector gloves, glove bag, and kit carry bag.

This kit includes Class 0 insulating rubber gloves. Natural Rubber construction offers excellent dielectric properties combined with flexibility, strength and durability.

Sizes S, M, L, XL, 2XL, and 3XL available from stock.

Other sizes available by special order.

These kits meet NFPA 70E-2004

Hazard Risk Category 2.

Protective Garment System Options Include:

HOOD and JACKET with OVER PANTS or BIB OVERALLS
HOOD and COAT with LEGGINGS

Model	Description
AFK3209	Arc Flash Kit – 11 cal – Short Coat, Pants, Hood with Anti-fog Visor, Rubber Insulating Gloves – Class 0, Leather Protectors, Glove Carry Bag, Bag – Clothing Kit. Sizes Available – S, M, L, XL, 2X, 3X
AFK1409	Arc Flash Kit – 40 cal – Long Coat, Leggings, Hood with Anti-fog Visor, Rubber Insulating Gloves – Class 0, Leather Protectors, Glove Carry Bag, Bag – Clothing Kit. Sizes Available – S, M, L, XL, 2X, 3X
AFK2409	Arc Flash Kit – 40 cal – Short Coat, Bib Overalls, Hood with Anti-fog Visor, Rubber Insulating Gloves – Class 0, Leather Protectors, Glove Carry Bag, Bag – Clothing Kit. Sizes Available – S, M, L, XL, 2X, 3X
AFK3409	Arc Flash Kit – 40 cal – Short Coat, Pants, Hood with Anti-fog Visor, Rubber Insulating Gloves – Class 0, Leather Protectors, Glove Carry Bag, Bag – Clothing Kit. Sizes Available – S, M, L, XL, 2X, 3X
AFK4409	Arc Flash Kit – 40 cal – Long Coat, Pants, Hood with Anti-fog Visor, Rubber Insulating Gloves – Class 0, Leather Protectors, Glove Carry Bag, Bag – Clothing Kit. Sizes Available – S, M, L, XL, 2X, 3X
AFK5409	Arc Flash Kit – 40 cal – Coverall, Hood with Anti-fog Visor, Rubber Insulating Gloves – Class 0, Leather Protectors, Glove Carry Bag, Bag – Clothing Kit. Sizes Available – S, M, L, XL, 2X, 3X

WHY CHOOSE ENCON'S ARC FLASH CLOTHING AS YOUR STANDARD OF PROTECTION?

Encon has over 40 years of experience providing the best in personal protection.

We continue to use our experience to ensure our line of Arc Flash protection meets and exceeds all standards.

- **Flame Resistant, down to the details:** Encon's line of Arc Flash clothing is not only manufactured using top of the line Flame Resistant fabrics but each piece is sealed using FR Velcro closures and stitched with the same FT material as the entire outfit.
- **Comfortable:** Encon products are made of lightweight fabrics (Nomex® for 50 cal and INDURA® Ultra Soft® for 40 cal and below). Greater comfort allows for longer wear.
- **Improved Visibility:** Our 70% light transmission shields provide increased visibility in all conditions.
- **Scratch Resistant:** A Scratch Proof coating has been added to all of our shields.
- **Gloves/Hand Protection:** We offer rubber insulating gloves with all of our hand protection to ensure a full range of hand protection is available. Available individually or in kits.
- **Standards:** Encon has always exceed industry set standards to be standard. At Encon exceeding standards is our standard.

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