

Honeywell

Safety Products



YOUR SINGLE SOURCE FOR PERSONAL ELECTRICAL-SAFETY PROTECTION

SALISBURY
by Honeywell

NORTH
by Honeywell

KGL
by Honeywell

SALISBURY
ARC FLASH
PROTECTION

Safety is Our Business. Let Us Make it Yours.



We are building a World...

- ⇒ **That's safer and more secure**
 - ⇒ **More comfortable and energy efficient**
 - ⇒ **More innovative and productive**
- We are Honeywell.**

Honeywell ACS products, services and technology are at work in 100 million homes, 5 million buildings and thousands of industrial plants worldwide, not to mention planes, trains and automobiles. We automate, monitor and control processes to improve safety, productivity, profitability and to ensure regulatory compliance.

Honeywell International is a \$37 billion diversified technology and manufacturing leader, serving customers worldwide. Honeywell Automation and Control Solutions (ACS) is a \$14 billion strategic business group of 7 units applying sensing and control expertise that helps create safer, more comfortable, more secure and productive environments.

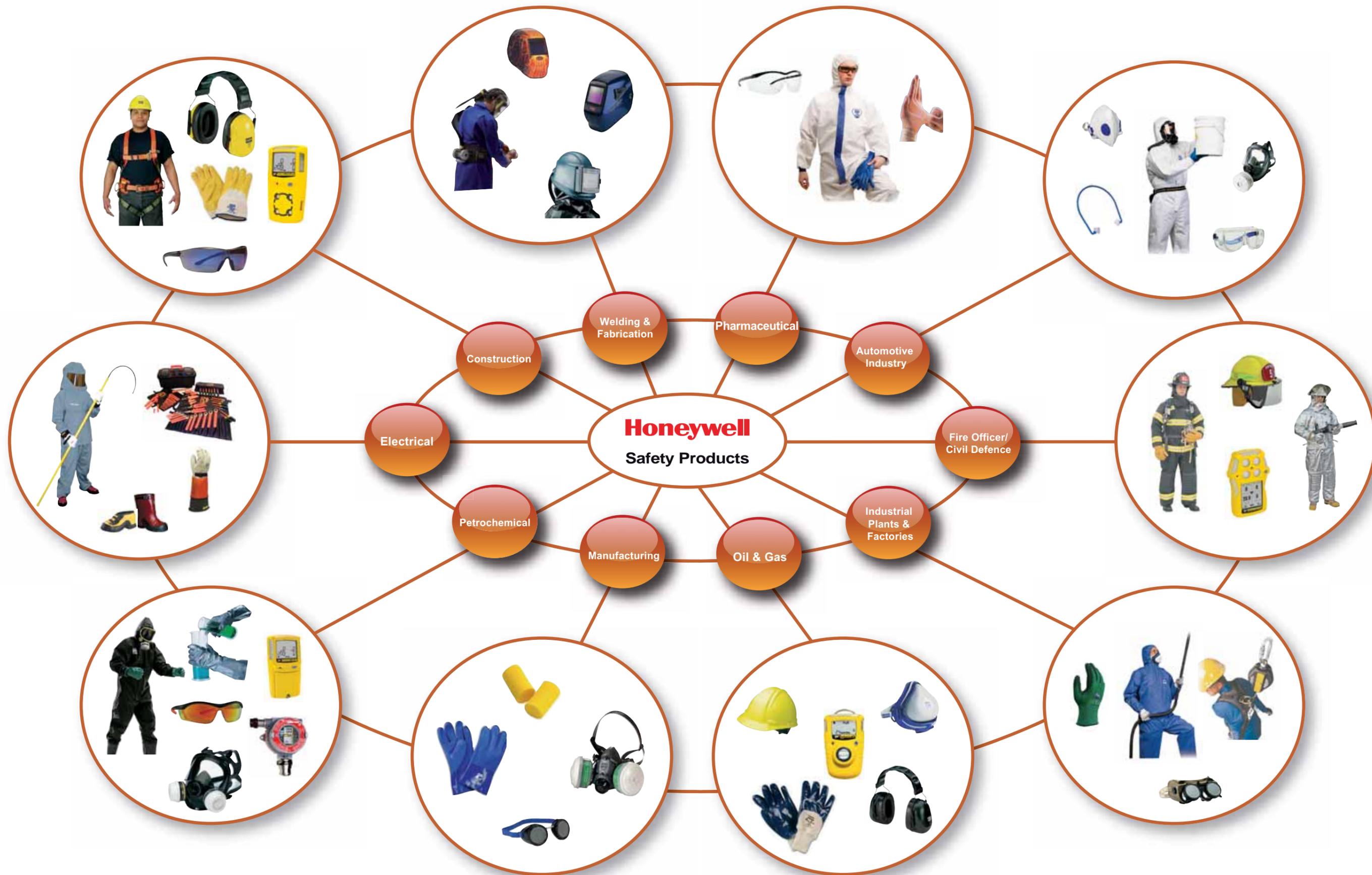
Our sensing technologies and integrated building automation systems enhance climate control, air quality, energy efficiency, life safety and security. Our industrial solutions are designed to increase plant up time, reduce maintenance and utility costs and deliver a better return on investment.

The common denominator across the entire Honeywell ACS portfolio is a pioneering expertise in sensing and control. Our expertise is as an enabler, helping big ideas become reality in ways that are intuitively tuned into the increasing demands of today's industrial and building challenges.

Honeywell Life Safety provides leading-edge solutions that extend technology leadership in Intelligent Sensing, Gas, Fire and Smoke Detection, Health Telemonitoring, and Personal Protective Equipment.

In short, Honeywell ACS is an enabler – a game changer whose products are becoming more relevant, more productive and more powerful everyday.

Process Solutions	Building Solutions	Life Safety	Security	Sensing & Control	Environmental & Combustion Control	Scanning & Mobility
 Process Controls	 Buildings	 Gas Detection	 CCTV / DVR	 Speed and Position Sensors	 Thermostats	 Mobile Computing
 Distributed Control	 Instant Alert	 System	 Motion / Human Presence Sensor	 Accelerometers	 Building Automation	 Hand-Held Scanner
 EXPERION Process Emergency System	 ENTERPRISE Buildings Integrator	 Safety Products	 User Interfaces	 Pressure Sensors	 Water Controls	 Bar Code Verifier



Honeywell Safety Products



North Safety Products is one of the most diversified manufacturer of Safety and Personal Protective Equipment (PPE) in the world, with 11 complete product lines, manufactured in ISO 9001 certified plants.



Honeywell First Responder Products is the leading manufacturer of highly innovative "head to toe" personal protective equipment for fire fighters.



For more than 60 years KCL has manufactured protective gloves for professional needs. KCL is a leading producer of high-tech gloves in the field of hand protection.



Salisbury is the world leader in the manufacturing of electrical personal protective equipment and live line tools to protect electrical workers from the hazards of their job. Salisbury complies with ASTM & NFPA 70E requirements and OSHA regulations.



BW Technologies by Honeywell designs, manufactures and markets innovative global gas detection solutions for a wide variety of applications and industries. We have an uncompromising commitment to providing our customers with quality portable and fixed gas detection instruments that adhere to the strictest standards in the industry.



As the fixed gas detection experts, Honeywell Analytics brings together nearly 200 collective years of expertise in design, manufacture and technology. The company's comprehensive fixed product range has an option suited to every type of application or industry.

Highest safety standards in your plant...

At Honeywell we understand safety of your plant, personnel, production and environment is extremely crucial to your success. Through our leading edge solutions we will provide expertise across diverse vertical markets to provide complete solutions for Personal Protective Equipment.



Peace of mind from a global safety products and gas safety expert...

Our solutions are proven in-use for various application areas across Industrial sectors. We offer One-Stop solutions for all your safety products and gas safety needs including comprehensive local support and more.

Scope of Service :

- Site Surveys
- Estimation and Proposal
- Factory and Site Acceptance Testing
- Training
- Risk Assessment



One Stop Shop

SALISBURY Your complete safety solution

We have everything you need to meet the NFPA 70E Standard and OSHA 29 1910.269 Regulations. The NFPA 70E Standard and OSHA Regulations have been established to protect workers from electrical shock and arc flash hazards. For example, the NFPA 70E Standard specifies areas in which arc flash protection is required for workers. All personnel within the defined boundaries must wear specified protective equipment, even on circuits as low as 50 volts. The NFPA 70E Standard and OSHA Regulations MUST be met, and Salisbury has made it easy to meet them.

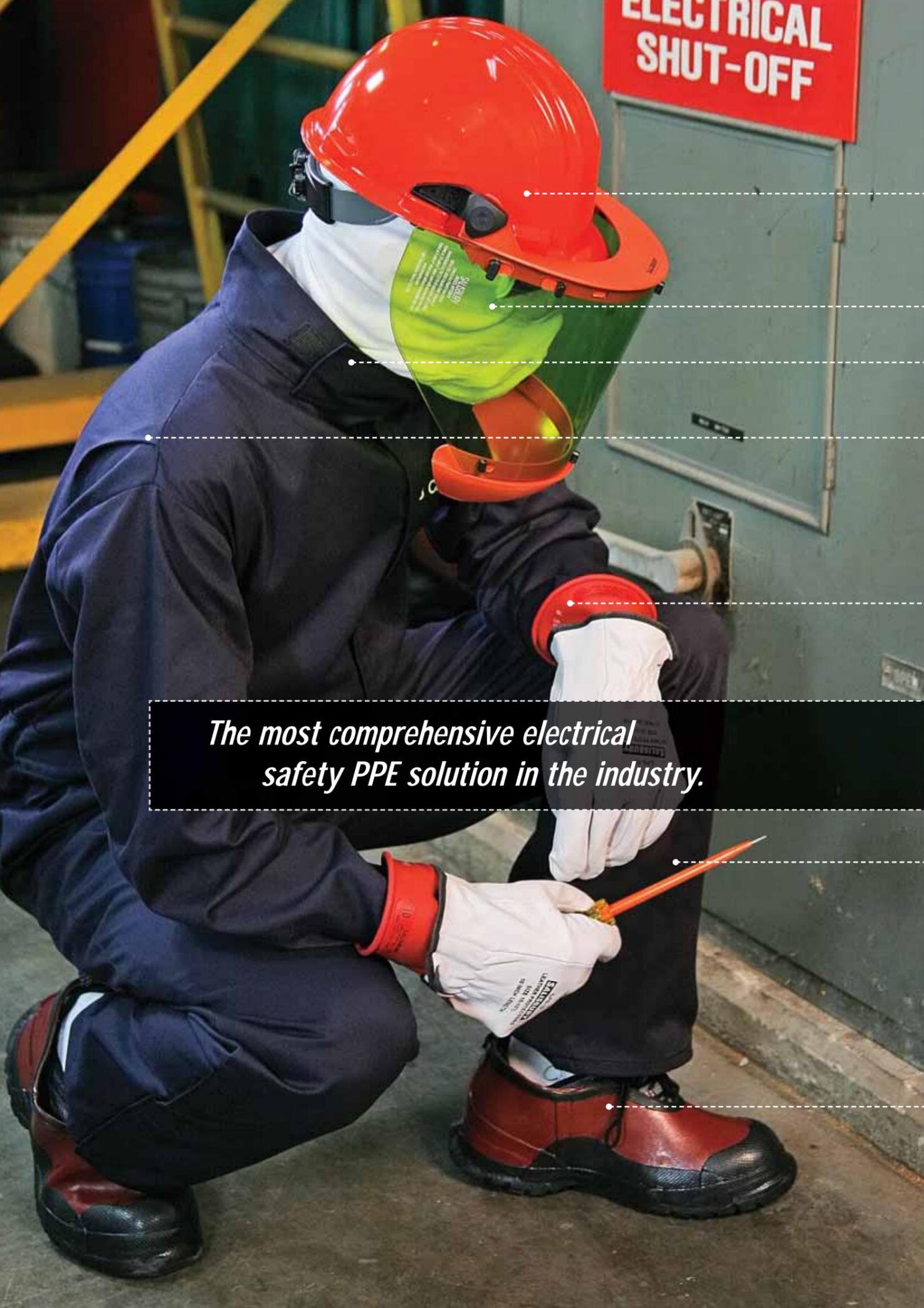
We take your safety seriously.

We have you covered from head to toe.



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SALISBURY

HELPING TO MEET YOUR NEEDS.

Salisbury is the most complete personal protective equipment provider to all electrical workers. The need for a comprehensive electrical safety program that's easy to use has never been more critical.

The NFPA 70E Standard and OSHA Regulations have been established to protect workers from electrical shock and arc flash hazards and to educate workers about the protection needed from these dangers.

For example, the NFPA 70E Standard specifies areas within which arc flash protection is required for workers involved in the maintenance of energized or potentially energized electrical equipment. All personnel within the defined boundaries must wear specified protective equipment, even on circuits as low as 50 volts.

The NFPA 70E Standard and OSHA Regulations **MUST** be met, and Salisbury has made it easy to meet them.

To ease the burden of meeting all the necessary safety standards and requirements, we've developed convenient Personal Protective Equipment Kits. All the Arc and Shock Protection PPE Kits meet the safety standards categorized by the Hazard Risk Category for each job.

Salisbury electrical safety products comply with ASTM (American Society for Testing and Materials).

Only Salisbury can provide the complete list of Personal Protective Equipment required to protect workers against electrical hazards as defined by OSHA Regulations and the NFPA 70E Standard for Electrical Safety in the Workplace.

Salisbury is the world leader in the manufacturing of Personal Protective Equipment and live line tools to protect electrical workers from the hazards of their job.

*SALISBURY HAS YOU COVERED,
FROM HEAD TO TOE.*

HEAD & FACE PROTECTION p. 6-12
Hardhats, PRO-SHIELD™, AFHOODS, PRO-HOOD™ and protective nets

EYE PROTECTION p. 12
Safety glasses and goggles

NECK PROTECTION p. 10-11,17
AFHOODS and PRO-HOODs

BODY PROTECTION p. 18-31
PRO-WEAR™
Arc Flash Protection Clothing
HRC2 Coveralls, Overpants, and Hooded Jackets
HRC2-HRC4 Coats and Bib Overalls
HRC4 PRO-OUTERWEAR™
HRC1 Rain Wear

HAND PROTECTION p. 35-39
Insulating rubber gloves, leather protectors and kits
HRC2 - HRC4 Arc Flash Protection gloves

YOUR COMPLETE SAFETY SOLUTION.

INSULATED TOOLS p. 46-47
S.I.P. Insulated hand tools

ELECTRICAL SHOCK PROTECTIVE EQUIPMENT p. 40-45
Rubber Insulating Blankets and accessories
Hot Sticks and accessories
Grounding Equipment

DIELECTRIC BOOTS p. 39
Protective Boots and Overshoes

The most comprehensive electrical safety PPE solution in the industry.



SALISBURY is a Platinum Level Training Partner

ELECTRIC
SHUT-OFF



AS1000HAT

AS1000 SERIES ▶

- 10 cal/cm² ATPV rating when used with the included chin cup
- 8 cal/cm² without the chin cup
- 7.5" x 20" viewing area
- Extra light tint
- .06" thick
- Absorbs >99.9% of harmful UV radiation
- Resistant to fogging
- Tested to ASTM F2178 Specifications



AS1000



AS1000FB



ASBAG

Cat. No.	Description
AS1000	AS1000FS shield w/ ASCP chin cup & slotted ASSLB bracket. Fits most slotted front brim hard hats.
AS1000U	AS1000FS shield w/ ASCP chin cup & universal BRACKET. Fits most front brim hard hats.
AS1000FB	AS1000FS shield w/ ASCP chin cup & universal FB Bracket. Fits most full brim hard hats.
AS1000R	AS1000FSR shield w/ ASCP chin cup and ASRHG4 pin lock head band w/ 4" arc guard.
AS1000HAT	AS1000 w/ SA29R front brim hard hat.
ASBAG	Cotton canvas storage bag w/ drawstring closure & fleece interior, for PRO-SHIELD™ series products.
SA29*	ANSI 289.1-2003, Type I, Class E, dielectrically rated front brim hard hat w/ quick-fit 4-point suspension.
SA29R*	ANSI 289.1-2003, Type I, Class E, dielectrically rated front brim hard hat w/ ratchet 4-point suspension.

*IMPORTANT - Please add the color code to the end of hard hat # (EX:SA2901 - White ANSI Type I, dielectric front brim hard hat w/ quick-fit 4-point suspension)

Color Codes	Stock Colors
01	White
02	Yellow
03	Orange



SA29R03



4-point ratcheting replacement nylon suspension

If You Need it, Request it. Call customer service if you need something not seen here.

REPLACEMENT ARC FLASH PROTECTION LENSES 8 - 100 CAL/CM²



AS1000FS



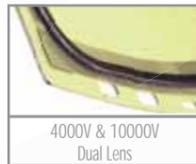
AS1000FSR



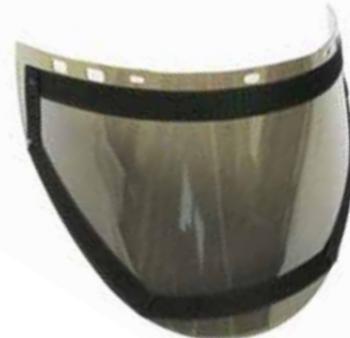
2000V



4000V



4000V & 10000V
Dual Lens



7500V



10000V

◀ AS1000 SERIES & PRO-HOOD

8 cal/cm² to 100 cal/cm² ATPV ratings

7.5" x 20" viewing area for replacement PRO-SHIELD™ lenses

10" x 20" viewing area for replacement PRO-HOOD™ lenses

4000V and 10000V lenses have two layers of protection

Extra light tint

.06" thick

Absorbs >99.9% of harmful UV radiation

Resistant to fogging

Tested to ASTM F2178 Specifications

Cat. No.	Description
AS1000FS	Replacement face shield for AS1000HAT, AS1000FB, and AS1000U PRO-HOOD. Used with the ASSLB, FBBRACKET, or BRACKET brackets and ASCP.
AS1000FSR	Replacement face shield for AS1000R. Used with the ASRHG4 bracket and ASCP.
2000V	Replacement lens, with hook & pile attachment, for 8cal/cm ² to 20cal/cm ² PRO-HOOD. Single layer lens. Used with the ASSLB, FBBRACKET, or BRACKET brackets.
4000V	Replacement lens, with hook & pile attachment, for 40 cal/cm ² PRO-HOOD. Dual layer lens (clear and tinted). Used with the ASSLB, FBBRACKET, or BRACKET brackets.
4000VB	Replacement lens, with hook & pile attachment, for 40 cal/cm ² PRO-HOOD. Dual layer lens (clear and tinted). Includes BRACKET for front brim hard hat.
4000VFB	Replacement lens, with hook & pile attachment, for 40 cal/cm ² PRO-HOOD. Dual layer lens (clear and tinted). Includes FBBRACKET for full brim hard hat.
7500V	Replacement lens, with hook & pile attachment, for 55 cal/cm ² to 75 cal/cm ² PRO-HOOD. Single layer lens. Used with the ASSLB, FBBRACKET, or BRACKET brackets.
10000V	Replacement lens, with hook & pile attachment, for 100 cal/cm ² PRO-HOOD. Dual layer lens (clear and tinted). Used with the ASSLB, FBBRACKET, or BRACKET brackets.

REPLACEMENT ARC FLASH PROTECTION BRACKETS



ASCP



BRACKET



FBBRACKET



ASSLB



ASRHG4

REPLACEMENT BRACKETS ▶

Cat. No.	Description
ASCP	Replacement chin cup for AS1000 series shields.
BRACKET	Universal dielectric hard hat bracket. Used with front brim hard hats.
FBBRACKET	Universal dielectric hard hat bracket. Used with full brim hard hats.
ASSLB	Dielectric bracket, fits slotted front brim hard hats. Used with all PRO-SHIELD™ lenses.
ASRHG4	Ratcheted head gear with 4" arc guard. Used with AS1000FSR lens.



AFHOOD15

AFHOOD10



AFHOOD20



AFHOOD28EO

◀ **SALISBURY'S ARC FLASH HOODS** (balaclava) create 360 degree° head and neck protection from arc flash dangers, when used with a PRO-SHIELD™. Each Arc Flash Hood is made from two layers of rib knit material and has an elastic face opening that maintains its shape and size.

The AFHOOD10 has an ATPV rating of 10 cal/cm² and is made from 20% Nomex® and 80% Lenzing FR® materials. The AFHOOD15 has an ATPV rating of 15 cal/cm² and is made from 100% Nomex® material. The AFHOOD20 has an ATPV rating of 20 cal/cm² and is made from 40% P84®, 55% Lenzing FR® material and 5% Kevlar®. Both the AFHOOD28FF and the AFHOOD28EO are made from 100% Indura Ultra Soft® 131 Rib knit with a 2-ply top and a 1-ply bib.

CAUTION: Arc Flash Hoods must be worn in combination with a face shield in order to comply with the requirements of NFPA 70E HRC 2* and will protect 360° inside the arc flash boundary.

Cat. No.	Description
AFHOOD10	10 cal/cm ² protection, 20% Nomex® / 80% Lenzing FR®
AFHOOD15	15 cal/cm ² protection, 100% Nomex®
AFHOOD20	20 cal/cm ² protection, 40% P84® / 55% Lenzing FR® / 5% Kevlar®
AFHOOD28FF	28 cal/cm ² protection, 100% Indura Ultra Soft® 131 Rib Knit
AFHOOD28EO	28 cal/cm ² protection, 2-eye hood 100% Indura Ultra Soft® 131 Rib Knit



▶ **THE AS1000HAT KITS** make your Personal Protective Equipment purchasing even easier. These convenient kits contain an AS1000HAT, a 10 cal/cm², 15 cal/cm², or 20 cal/cm² ATPV rated AFHOOD, safety glasses and an ASBAG.

The AS1000HAT has an ATPV rating of 10 cal/cm². The lens provides a 7.5" x 20" viewing area with an extra light tint.

The SKA kits are an ideal kit to use with uniform programs that exceed 8 cal/cm² or with 8 cal/cm² to 12 cal/cm² ATPV rated coveralls and jackets.

NOTE: Due to AS1000HAT ATPV rating of 10 cal/cm², protection greater than 10 cal/cm² cannot be achieved.

Cat. No.	Description
SKA10	10 cal/cm ² AFHOOD with AS1000HAT, ANSI rated safety glasses and ASBAG.
SKA15	15 cal/cm ² AFHOOD with AS1000HAT, ANSI rated safety glasses and ASBAG.
SKA20	20 cal/cm ² AFHOOD with AS1000HAT, ANSI rated safety glasses and ASBAG.



SKA10



IMPORTANT: THE MAXIMUM ARC FLASH PROTECTION OF A KIT IS EQUAL TO THE LOWEST CAL/CM² RATING OF ANY COMPONENT IN THE SELECTED SAFETY KIT.



BN-1

◀ SALISBURY'S FIRE RESISTANT HAIRNET AND BEARDNET give added protection in any industry that requires the worker to wear a hairnet or beardnet. The hairnet and beardnet are available in gray and made of a washable 1.7 oz/yd² (58 g/m²) Woven Nomex® fabric.

Cat. No.	Description
HN-1	FR protective hairnet, 1.7 oz/yd ² (58 g/m ²) woven Nomex®
BN-1	FR protective beardnet, 1.7 oz/yd ² (58 g/m ²) woven Nomex®



TS56505GRY



◀ SAFETY GLASSES are anti-fogging, anti-scratch and anti-static with 99.9% UV protection. These glasses meet current ANSI Z87.1, 2003 and CSA Z94.3* standards.

*The CSA Z94.3 standard applies to eye and face protectors used in all occupational and educational operations or processes involving hazards to the eyes or face.

Cat. No.	Description
TS56505GRY	Clear lens, gray frame
TS56505GRYA	Amber lens, gray frame
TS56505GRYS	Smoke lens, gray frame



NEW

AFGOGGLE

◀ SALISBURY'S NEW PRO-GOGGLES protect the eye area from the hazards of an arc flash. The attached adjustable band allows for a very comfortable and secure fit. The goggles can be easily moved out of the way, onto a hard hat or around the neck, when not needed. These goggles have a very durable construction and are highly flexible for your comfort.

PRO-GOGGLES have UV protection, slight green tint and are anti-scratch and anti-fogging.

NOTE: Salisbury PRO-GOGGLES are intended for EYE PROTECTION ONLY. This product does not provide face protection.

CAUTION: If working where there is a threat of injury to the eyes and face from electrical arc flash, these goggles should be used with a Salisbury Arc Flash Hood (AFHOOD), hard hat, and arc rated face shield with chin cup.

Cat. No.	Description
AFGOGGLE	Orange rimmed goggles with adjustable strap and green tint



◀ THE SALISBURY PRO-AIR™ is a belt mounted COMPACT POWERED AIR SYSTEM that provides a continuous flow of filtered air to reduce worker fatigue and provide additional comfort when working in hot and humid conditions. The PRO-AIR integrates with the full ATPV range of Salisbury's PRO-HOOD line and easily attaches inside the hood using the exclusive Salisbury hook and pile looped fastener system.

The PRO-AIR kit consists of a blower unit, belt and comfort pad, rechargeable battery pack, breathing hose and battery charger. Blower unit and hose are covered with a fire resistant material to meet NFPA 70E requirements. The PRO-AIR kit is shipped in a durable carrying case.

NOT NIOSH APPROVED.



Back View



Back View - open mesh bag

Cat. No.	Description
ACAIR102	PRO-AIR Compact Powered Air System, Complete Kit
AC102	Blower unit, battery, belt, back support, and fire resistant mesh bag
AC103	PRO-AIR battery
A168091	Replacement air filter cartridges
AC124	O-Rings for air filters
AC129	Y-shaped breathing hose
AC129FR	Fire retardent tube covers for AC129 (3)
AC131	Single unit battery charger
AC135	Compact Powered Air System carrying case

NOTE: Units provided with standard U.S. two prong blade electrical plugs. The plugs are for use in North and Central America and Japan. For all other requirements, please contact Salisbury International Customer Service.



ALL PRO-WEAR™ ARC FLASH PROTECTION CLOTHING KITS SIZING

SALISBURY PRO-HOOD™ ARC FLASH PROTECTION HOODS ARE SIZED ONE SIZE FITS ALL.

PRODUCT: COATS & JACKETS

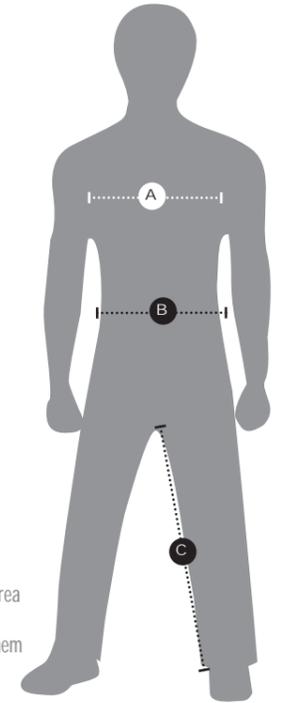
Measurements in inches (minimum allowed)	
CHEST	COAT/JACKET SIZE
34-36"	S
38-40"	M
42-44"	L
46-48"	XL
50-52"	2XL
54-56"	3XL
SPECIAL ORDER SIZES	
58-60"	4XL
62-64"	5XL

PRODUCT: BIB OVERALLS & OVERPANTS

Measurements in inches (minimum allowed)		
WAIST	BIB/OVERPANTS SIZE	INSEAM
28-30"	S	28"
32-34"	M	29"
36-38"	L	30"
40-42"	XL	30"
44-46"	2XL	30"
48-50"	3XL	30"
SPECIAL ORDER SIZES		
52-54"	4XL	30"
56-58"	5XL	30"

PRODUCT: COVERALL

Measurements in inches (minimum allowed)		
CHEST	COVERALL SIZE	INSEAM
34-36"	S	28"
38-40"	M	29"
42-44"	L	30"
46-48"	XL	30"
50-52"	2XL	30"
54-56"	3XL	30"
SPECIAL ORDER SIZES		
58-60"	4XL	30"
62-64"	5XL	30"



HOW TO MEASURE

- A Chest - Measure around body at the underarm area
- B Waist - Measure around waist at the largest area
- C Inseam - Measure from mid crotch down to leg hem

ALL PRO-WEAR™ ARC FLASH PROTECTION CLOTHING KITS MATERIAL WEIGHTS

PRODUCT FEATURE

THE SALISBURY ADVANTAGE

LIGHTER MATERIAL MAKES ALL THE DIFFERENCE

THE SALISBURY 40 CAL/CM² LT ARC FLASH MATERIAL MAKES WORKING MORE COMFORTABLE THEN EVER.

Salisbury has made it even easier to do your job safely and comfortably. Salisbury offers an even lighter 40 cal/cm² option with our LT line. The 40 cal/cm² LT option is 10% lighter than the standard 40 cal/cm² material making your job even more comfortable.

LIGHTER THAN 2004 OPTIONS.

Our current standard 40 cal/cm² material is 16% lighter than the 2004 option, making the 40 cal/cm² LT 26% lighter than the 2004 option offered. The 100 cal/cm² material is also lighter than the 2004 option. Salisbury uses TuffWeld® and Q/9® layered material which is 28% lighter than our 2004 offered 100 cal/cm² material. (TUFFWELD® (60% Lenzing FR™ - 40% Kevlar®).)

MATERIAL WEIGHT FOR ATPV RATINGS

ATPV Rating cal/cm ²	Material Weight oz./yd ²
8	7 oz./yd ² (237 g/m ²)
12	9 oz./yd ² (305 g/m ²)
20	13 oz./yd ² (441 g/m ²)
31	2 layers - 9 oz./yd ² (305 g/m ²) & 7 oz./yd ² (237 g/m ²)
40	2 layers - 13 oz./yd ² (441 g/m ²) & 5.5 oz./yd ² (186 g/m ²)
40-LT	10% LIGHTER 4 layers - 7 oz./yd ² (237 g/m ²) & 5.5 oz./yd ² (186 g/m ²) & 2 layers - 1.9 oz./yd ² (64 g/m ²)
55	2 layers - 13 oz./yd ² (441 g/m ²) & 13 oz./yd ²
75	3 layers - 2 layers 13 oz./yd ² (441 g/m ²) & 1 layer 7 oz./yd ² (237 g/m ²)
100	3 layers - 10 oz./yd ² (339 g/m ²) & 2 layers 9.4 oz./yd ² (319 g/m ²)

ALL PRO-WEAR™ ARC FLASH PROTECTION CLOTHING KITS QUICK REFERENCE CHARTS & INFORMATION



THE SALISBURY ADVANTAGE

CE MARKING

All Salisbury PRO-WEAR™ Arc Flash Protection Clothing has received the coveted CE certification. This Salisbury advantage is one more reason why Salisbury provides the best personal protective equipment available today. All Salisbury PRO-HOOD™ Arc Flash Protection Hoods have also been CE certified. Look for the CE marking to see exactly which garments have been CE 0120 certified.

ABOUT CE CERTIFICATION

CE Marking is a mandatory conformity marking and refers to Product Safety.

CE Marking on a product:

- Indicates that the product complies with the essential health and safety requirements of all applicable EU directives.
- A declaration by the manufacturer, or its representative, or the importer that those requirements have been met in full.
- A declaration that all conformity procedures have been completed. The product is allowed in the European market.

QUICK REFERENCE PRODUCT NUMBERING CHART FOR KITS WITHOUT GLOVES

Salisbury Cat. No.	Size of Garments (choose one below)	ATPV Rating cal/cm ²	HRC
SK8	S, M, L, XL, 2XL or 3XL	8	2
SK11	S, M, L, XL, 2XL or 3XL	12	2
SKJ8	S, M, L, XL, 2XL or 3XL	8	2
SKJ11	S, M, L, XL, 2XL or 3XL	12	2
SKJP8	S, M, L, XL, 2XL or 3XL	8	2
SKJP11	S, M, L, XL, 2XL or 3XL	12	2
SKCA8	S, M, L, XL, 2XL or 3XL	8	2
SKCA11	S, M, L, XL, 2XL or 3XL	12	2
SK20	S, M, L, XL, 2XL or 3XL	20	2
SK31	S, M, L, XL, 2XL or 3XL	31	3
SK40	S, M, L, XL, 2XL or 3XL	40	4
SK40LT	S, M, L, XL, 2XL or 3XL	40	4
SK55	S, M, L, XL, 2XL or 3XL	55	4
SK75	S, M, L, XL, 2XL or 3XL	75	4
SK100	S, M, L, XL, 2XL or 3XL	100	4
Example: SK20	XL	20	2

SK20XL is a clothing kit with a rating of 20 cal/cm² that contains coat and bib overalls size extra large, hard hat, hood, safety glasses and storage bags.

OPTION: Add suffix "-BP" to replace the SKBAG Large Storage Bag with a SKBACKPACK Specialty Reinforced Back Pack.



If You Need it, Request it.
Call customer service if you need something not seen here.



PREFER A BACKPACK WITH YOUR KIT?

Make any kit a Back Pack kit, by adding suffix "-BP" to your part number or contacting your local Salisbury by Honeywell representative for more.

SALISBURY PRO-WEAR Color Code	Hazard Risk Category (HRC)	Clothing Description (Typical Number of clothing layers given in parentheses)	Minimum Arc Thermal Performance Exposure Value (ATPV) Rating of PPE
Navy Blue	1	FR long-sleeve shirt and FR pants or FR coverall plus arc-rated face shield or switching hood (1)	4 cal/cm ²
	2	FR long-sleeve shirt and FR pants or FR coverall plus arc-rated face shield or switching hood (1 or 2)	8 cal/cm ²
Royal Blue	2*	FR long-sleeve shirt and FR pants or FR coverall plus switching hood (or faceshield with balaclava) (1 or 2)	8 cal/cm ²
Gray / Khaki	3	FR long-sleeve shirt and FR pants and FR coverall and FR jacket and FR pants or total FR clothing system with hood (2 or 3)	25 cal/cm ²
	4	FR long-sleeve shirt and FR pants and FR coverall and FR jacket and FR pants or total FR clothing system with hood (2 or 3)	40 cal/cm ²

PRO-HOOD™ ARC FLASH PROTECTION HOOD 8 - 100 CAL/CM²



PRO-HOOD ARC FLASH PROTECTION HOODS ▶

8 cal/cm² to 100 cal/cm²* ATPV ratings

8 cal/cm² to 75 cal/cm²* hoods are made from arc flash resistant,

Indura Ultra Soft®

100 cal/cm²* hood is made from TuffWeld® and Q/9® material layers

Sewn with Nomex® thread

Arc rated 10" x 20" anti-fogging replaceable lens

Slotted bracket

Hook and pile tabs to attach Salisbury's PRO-AIR™ belt mounted compact air system

One size fits all.

Hard hat not included.

Meet current ASTM F2178 and NFPA 70E standards and the

flammability requirements for ASTM F1506.

All PRO-HOODS are CE 0120 certified.

Orange color available by special order

Cat. No.	Description
FH8BL	8 cal/cm ² , navy blue, Indura Ultra Soft®
FH8OR	8 cal/cm ² , orange, Indura Ultra Soft®
FH11BL	12 cal/cm ² , navy blue, Indura Ultra Soft
FH20BL	20 cal/cm ² , navy blue, Indura Ultra Soft
FH20BL/2	21 cal/cm ² , navy blue & khaki, Indura Ultra Soft
FH31RB	31 cal/cm ² , royal blue, Indura Ultra Soft
FH40GY	40 cal/cm ² , gray, Indura Ultra Soft
FH40GYLT	40 cal/cm ² , lighter weight, gray, Indura Ultra Soft
FH55GY*	55 cal/cm ² , gray, Indura Ultra Soft
FH75GY*	75 cal/cm ² , gray, Indura Ultra Soft
FH100TW*	100 cal/cm ² , khaki, TuffWeld®

NOTE: Available in orange upon request. Contact your local Salisbury Representative.



FH40GY



FH31RB

40 CAL/CM² & 100 CAL/CM².
LIGHTER MATERIAL THAN EVER.

NEW



FH100TW



FH20BL/2

ARC FLASH PROTECTION HOOD SPECIFICALLY DESIGNED TO MEET NFPA 70E HRC2* STANDARDS!

SALISBURY ADVANTAGE



*IMPORTANT: NFPA 70E does not have a Hazard Risk Category above 40 cal/cm². Working on levels above 40 cal/cm² should be avoided because of the blast hazards caused by arc flash.

PRO-WEAR™ FLASH PROTECTION COATS

8 - 100 CAL/CM²



ACC10032TW

40 CAL/CM² & 100 CAL/CM².
LIGHTER MATERIAL THAN EVER.



ACC3132RB

EXCLUSIVE FEATURE



Dual stage front closure with high temperature plastic zipper and FR hook & pile storm flap on 31-100 cal/cm² coat designs.



ACC832OR



◀ ARC FLASH PROTECTION COATS

8 cal/cm² to 100 cal/cm²* ATPV ratings

8 cal/cm² to 75 cal/cm²* coats are made from arc flash resistant, Indura Ultra Soft®

100 cal/cm²* coat is made from TuffWeld® and Q/9® material layers

Sewn with Nomex® thread

32" long

Nomex® wristlets.

Expansion back for added comfort

Dual stage front closure with high temperature plastic zipper on the

31 - 100 cal/cm²* coats

FR hook & pile storm flap

Coats are intended to be used with PRO-HOODS™

Meets current ASTM F1506 and NFPA 70E standards.

All are CE 0120 certified.

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

Other sizes and orange color available by special order

Cat. No.	Description
ACC832BL	8 cal/cm ² , navy blue, Indura Ultra Soft®
ACC832OR	8 cal/cm ² , orange, Indura Ultra Soft
ACC1132BL	12 cal/cm ² , navy blue**, Indura Ultra Soft
ACC2032BL	20 cal/cm ² , navy blue**, Indura Ultra Soft
ACC3132RB	31 cal/cm ² , royal blue, Indura Ultra Soft
ACC4032GY	40 cal/cm ² , coat, gray, Indura Ultra Soft
ACC4032GYLT	40 cal/cm ² , lighter weight, gray, Indura Ultra Soft
ACC5532GY*	55 cal/cm ² , gray, Indura Ultra Soft
ACC7532GY*	75 cal/cm ² , gray, Indura Ultra Soft
ACC10032TW*	100 cal/cm ² , khaki, TuffWeld®

NOTE: Add suffix for desired size: S, M, L, XL, 2XL, or 3XL

NOTE: Available in orange upon request. Contact your local Salisbury Representative.

If You Need it, Request it. Call customer service if you need something not seen here.

*IMPORTANT: NFPA 70E does not have a Hazard Risk Category above 40 cal/cm². Working on levels above 40 cal/cm² should be avoided because of the blast hazards caused by arc flash.

PRO-WEAR™ FLASH PROTECTION BIB OVERALLS

8 - 100 CAL/CM²



▶ ARC FLASH PROTECTION BIB OVERALLS

8 cal/cm² to 100 cal/cm²* ATPV ratings

8 cal/cm² to 75 cal/cm²* bib overalls are made from arc flash resistant, Indura Ultra Soft®

100 cal/cm²* bib overalls are made from TuffWeld® and Q/9® material layers

Sewn with Nomex® thread

Integrated heavy duty suspenders

Relaxed cut for greater mobility

30" inseam

Adjustable hook and pile waist straps

Bib front for added protection

Adjustable gussets on pant cuffs.

Meets current ASTM F1506 and NFPA 70E standards.

All are CE 0120 certified.

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

Other sizes and orange color available by special order

Cat. No.	Description
ACB830BL	8 cal/cm ² , navy blue, Indura Ultra Soft®
ACB830OR	8 cal/cm ² , orange, Indura Ultra Soft
ACB1130BL	12 cal/cm ² , navy blue**, Indura Ultra Soft
ACB2030BL	20 cal/cm ² , navy blue**, Indura Ultra Soft
ACB3130RB	31 cal/cm ² , royal blue, Indura Ultra Soft
ACB4030GY	40 cal/cm ² , gray, Indura Ultra Soft
ACB4030GYLT	40 cal/cm ² , lighter weight, gray, Indura Ultra Soft
ACB5530GY*	55 cal/cm ² , gray, Indura Ultra Soft
ACB7530GY*	75 cal/cm ² , gray, Indura Ultra Soft
ACB10030TW*	100 cal/cm ² , khaki, TuffWeld®

NOTE: Add suffix for desired size: S, M, L, XL, 2XL, or 3XL

NOTE: Available in orange upon request. Contact your local Salisbury Representative.

If You Need it, Request it. Call customer service if you need something not seen here.



ACB2030BL



ACB3130RB



ACB10030TW

40 CAL/CM² & 100 CAL/CM².
LIGHTER MATERIAL THAN EVER.

NEW



PRO-WEAR™ ARC FLASH PROTECTION PREMIUM COVERALLS
8 - 20 CAL/CM²



NEW



◀ **ARC FLASH PROTECTION COVERALLS**

- 8 cal/cm² to 20 cal/cm² ATPV ratings
- Made from arc flash resistant, Indura Ultra Soft®
- Sewn with Nomex® thread
- Full cut with set in sleeves
- FR hook and pile front closure
- 30" inseam
- Expansion back
- 2-ply Nomex® wristlets
- Hook and pile cuff opening
- Meet current ASTM F1506 and NFPA 70E standards.
- All are CE 0120 certified.
- Sizes S, M, L, XL, 2XL, and 3XL available from stock
- Other sizes and orange color available by special order

Cat. No.	Description
ACCA8BL	8 cal/cm ² , navy blue
ACCA8OR	8 cal/cm ² , orange
ACCA11BL	12 cal/cm ² , navy blue*
ACCA20BL	20 cal/cm ² , navy blue*

NOTE: Add suffix for desired size: S, M, L, XL, 2XL, or 3XL
NOTE: Available in orange upon request. Contact your local Salisbury Representative.

If You Need it, Request it.
Call customer service if you need something not seen here.

ARC FLASH PROTECTION PREMIUM COVERALL KITS
8 & 12 CAL/CM² HRC 2



◀ **SALISBURY PRO-WEAR™ ARC FLASH PROTECTION COVERALL KITS** are clothing kits containing arc flash coveralls in an ATPV rating of either 8 cal/cm² or 12 cal/cm², an AS1000HAT, an appropriate ATPV rated AFHOOD, ASBAG, SKBAG and safety glasses.

Sizes S, M, L, XL, 2XL, and 3XL available from stock. Other sizes and orange color available by special order.

THESE KITS MEET NFPA 70E
HAZARD RISK CATEGORY 2.

SALISBURY ADVANTAGE
LARGEST SELECTION OF KIT
OPTIONS AVAILABLE.



PRODUCT NUMBERING CHART FOR PPE KITS W/ COVERALLS

Salisbury Cat. No.	Size of Garments (choose one below)	ATPV Rating cal/cm ²	HRC
SKCA8	S, M, L, XL, 2XL, 3XL	8	2
SKCA11	S, M, L, XL, 2XL, 3XL	12	2
Example:			
SKCA8	L	8	2

SKCA8L is a large clothing kit containing a coveralls in an ATPV rating of 8 cal/cm², AS1000HAT, AFHOOD, storage bags and safety glasses.

NOTE: Available in orange upon request. Contact your local Salisbury Representative.
OPTION: Add suffix "-BP" to replace the SKBAG Large Storage Bag with a SKBACKPACK Specialty Reinforced Back Pack.

NEW



PREFER A BACKPACK WITH YOUR KIT?

Make any kit a Back Pack kit, by adding suffix "-BP" to your part number or contacting your local Salisbury by Honeywell representative for more.



IMPORTANT: THE MAXIMUM ARC FLASH PROTECTION OF A KIT IS EQUAL TO THE LOWEST CAL/CM² RATING OF ANY COMPONENT IN THE SELECTED SAFETY KIT.

PRO-WEAR™ ARC FLASH PROTECTION JACKETS AND OVERPANTS 8 - 20 CAL/CM²



JSHV1132BL



SKJ11L09L Jacket Kit

◀ ARC FLASH PROTECTION JACKETS & OVERPANTS

8 cal/cm² to 20 cal/cm² ATPV ratings

Made from arc flash resistant, Indura Ultra Soft®

Sewn with Nomex® thread

Jackets and overpants meet current ASTM F1506 and NFPA 70E standards.

All are CE 0120 certified.

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

Other sizes and orange color available by special order

◀ ARC FLASH PROTECTION JACKETS

Jackets are 32" long and have Nomex® wristlets.

Jackets have hook & pile front closure

Jackets are intended to be used with Salisbury PRO-SHIELD™

Cat. No.	Description
JSHV832BL	8 cal/cm ² , jacket, navy blue, Indura Ultra Soft
JSHV1132BL	12 cal/cm ² , jacket, navy blue, Indura Ultra Soft
JSHV2032BL	20 cal/cm ² , jacket, navy blue, Indura Ultra Soft

NOTE: Add suffix for desired size: S, M, L, XL, 2XL, or 3XL

NOTE: Available in orange upon request. Contact your local Salisbury Representative.

◀ ARC FLASH PROTECTION OVERPANTS

Overpants have full elastic waistband with FR hook and pile front closure
30" inseam

Overpants have hook and pile cuff adjustment

Salisbury Exclusive

The Salisbury overpants provide a quick and cost-effective way to maximize protection
Loose design and flared legs make it easy to put on and take off over existing work clothing.

Cat. No.	Description
ACP830BL	8 cal/cm ² , overpants, navy blue
ACP830OR	8 cal/cm ² , overpants, orange
ACP1130BL	12 cal/cm ² , overpants, navy blue*
ACP2030BL	20 cal/cm ² , overpants, navy blue*

NOTE: Add suffix for desired size: S, M, L, XL, 2XL, or 3XL

NOTE: Available in orange upon request. Contact your local Salisbury Representative.



Elastic waistband for maximum comfort.



ACP830BL

ARC FLASH PROTECTION JACKET AND OVERPANTS KITS 8 & 12 CAL/CM² HRC 2



◀ SALISBURY PRO-WEAR™ ARC FLASH PROTECTION JACKET KITS AND OVERPANTS KITS are clothing kits containing an arc flash jacket with hood in an ATPV rating of either 8 cal/cm² or 12 cal/cm², an AS1000HAT, SKBAG and safety glasses. Appropriate ATPV rated overpants are included with SKJP kits.

The SKJP kits provide more protection and comfort than a lab coat and legging solution. These kits provide maximum head-to-toe HRC 2 Protection.

Sizes S, M, L, XL, 2XL, and 3XL available from stock. Other sizes and orange color available by special order.

THESE KITS MEET NFPA 70E
HAZARD RISK CATEGORY 2.



If You Need it, Request it.
Call customer service if you need something not seen here.

PRODUCT NUMBERING CHART FOR PPE KITS W/ JACKET

Salisbury Cat. No.	Size of Garments (choose one below)	ATPV Rating cal/cm ²	HRC
SKJ8	S, M, L, XL, 2XL, 3XL	8	2
SKJ11	S, M, L, XL, 2XL, 3XL	12	2
SKJP8	S, M, L, XL, 2XL, 3XL	8	2
SKJP11	S, M, L, XL, 2XL, 3XL	12	2
Example: SKJ8	L	8	2

SKJ8L is a large clothing kit containing a jacket in an ATPV rating of 8 cal/cm², AS1000HAT, storage bags and safety glasses.

Example: SKJP8	L	8	2
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SKJP8L is a large clothing kit containing a jacket and overpants in ATPV ratings of 8 cal/cm², AS1000HAT, storage bags and safety glasses.

NOTE: Available in orange upon request. Contact your local Salisbury Representative.

OPTION: Add suffix "-BP" to replace the SKBAG Large Storage Bag with a SKBACKPACK Specialty Reinforced Back Pack.



PREFER A BACKPACK WITH YOUR KIT?

Make any kit a Back Pack kit, by adding suffix "-BP" to your part number or contacting your local Salisbury by Honeywell representative for more.

PRO-WEAR™ PERSONAL PROTECTION EQUIPMENT KITS

8 - 12 - 20 CAL/CM² HRC 2



► SALISBURY PRO-WEAR™ ARC FLASH PERSONAL PROTECTION EQUIPMENT KITS ARE AVAILABLE IN ATPV RATINGS OF 8, 12, AND 20 CAL/CM². These kits contain arc flash coat, bib overalls, PRO-HOOD™, hard hat, SKBAG, and safety glasses.

Sizes S, M, L, XL, 2XL, and 3XL available from stock. Other sizes and orange color available by special order.

THESE KITS MEET NFPA 70E HAZARD RISK CATEGORY 2.



If You Need it, Request it. Call customer service if you need something not seen here.

PRODUCT NUMBERING CHART FOR 8 CAL/CM² TO 20 CAL/CM² PPE KITS

	Size of Garments (choose one below)	ATPV Rating cal/cm ²	HRC
SK8	S, M, L, XL, 2XL, 3XL	8	2
SK11	S, M, L, XL, 2XL, 3XL	12	2
SK 20	S, M, L, XL, 2XL, 3XL	20	2
Example:			
SK8	M	8	2

SK8M is a clothing kit with a rating of 8 cal/cm² that contains a coat, bib overalls, PRO-HOOD, hard hat, safety glasses and storage bag.

NOTE: Available in orange upon request. Contact your local Salisbury Representative. OPTION: Add suffix "-BP" to replace the SKBAG Large Storage Bag with a SKBACKPACK Specialty Reinforced Back Pack.

NEW
PREFER A BACKPACK WITH YOUR KIT?

Make any kit a Back Pack kit, by adding suffix "-BP" to your part number or contacting your local Salisbury by Honeywell representative for more.



PRO-WEAR™ PERSONAL PROTECTION EQUIPMENT KITS

31 CAL/CM² HRC 3



◀ SALISBURY PRO-WEAR™ ARC FLASH PERSONAL PROTECTION EQUIPMENT KITS ARE AVAILABLE IN AN ATPV RATING OF 31 CAL/CM².

This kit contains an arc flash coat, bib overalls, PRO-HOOD™, hard hat, SKBAG, and safety glasses.

Sizes S, M, L, XL, 2XL, and 3XL available from stock. Other sizes and orange color available by special order.

THIS KIT MEETS NFPA 70E HAZARD RISK CATEGORY 3.



If You Need it, Request it. Call customer service if you need something not seen here.

PRODUCT NUMBERING CHART FOR 31 CAL/CM² PPE KITS

Salisbury Cat. No.	Size of Garments (choose one below)	ATPV Rating cal/cm ²	HRC
SK31	S, M, L, XL, 2XL, 3XL	31	3
Example:			
SK31	S	31	3

SK31S is a small clothing kit with a rating of 31 cal/cm² that contains a coat, bib overalls, PRO-HOOD, hard hat, safety glasses and storage bag.

NOTE: Available in orange upon request. Contact your local Salisbury Representative. OPTION: Add suffix "-BP" to replace the SKBAG Large Storage Bag with a SKBACKPACK Specialty Reinforced Back Pack.

NEW

PREFER A BACKPACK WITH YOUR KIT?

Make any kit a Back Pack kit, by adding suffix "-BP" to your part number or contacting your local Salisbury by Honeywell representative for more.



PRO-WEAR™ PERSONAL PROTECTION EQUIPMENT KITS

40 CAL/CM² HRC 4



► SALISBURY PRO-WEAR™ ARC FLASH PERSONAL PROTECTION EQUIPMENT KITS ARE AVAILABLE IN AN ATPV RATING OF 40 CAL/CM². This kit contains an arc flash coat, bib overalls, PRO-HOOD™, hard hat, SKBAG, and safety glasses.

Sizes S, M, L, XL, 2XL, and 3XL available from stock. Other sizes and orange color available by special order.

THESE KITS MEET NFPA 70E HAZARD RISK CATEGORY 4.

LIGHTER MATERIAL THAN EVER. 40 CAL/CM² MATERIALS OFFERS 2 LIGHTWEIGHT OPTIONS.



If You Need it, Request it. Call customer service if you need something not seen here.

PRODUCT NUMBERING CHART FOR 40 CAL/CM² PPE KITS

Salisbury Cat. No.	Size of Garments (choose one below)	ATPV Rating cal/cm ²	HRC
SK40	S, M, L, XL, 2XL, 3XL	40	4
SK40LT	S, M, L, XL, 2XL, 3XL	40	4
Example: SK40	2XL	40	4

SK402XL is an extra extra large clothing kit with a rating of 40 cal/cm² that contains a coat, bib overalls, PRO-HOOD, hard hat, safety glasses and storage bag.

NOTE: Available in orange upon request. Contact your local Salisbury Representative. OPTION: Add suffix "-BP" to replace the SKBAG Large Storage Bag with a SKBACKPACK Specialty Reinforced Back Pack.

PREFER A BACKPACK WITH YOUR KIT?

Make any kit a Back Pack kit, by adding suffix "-BP" to your part number or contacting your local Salisbury by Honeywell representative for more.



PRO-WEAR™ PERSONAL PROTECTION EQUIPMENT KITS

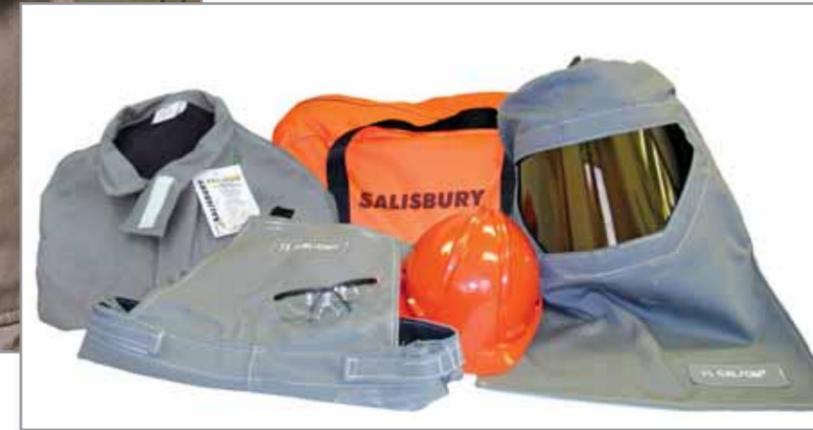
55 - 75 CAL/CM² HRC 4



◀ SALISBURY PRO-WEAR™ ARC FLASH PERSONAL PROTECTION EQUIPMENT KITS ARE AVAILABLE IN AN ATPV RATING OF 55 AND 75 CAL/CM²*. These kits contains an arc flash coat, bib overalls, PRO-HOOD™, hard hat, SKBAG, and safety glasses.

Sizes S, M, L, XL, 2XL, and 3XL available from stock. Other sizes and orange color available by special order.

THESE KITS MEET NFPA 70E HAZARD RISK CATEGORY 4.



If You Need it, Request it. Call customer service if you need something not seen here.

PRODUCT NUMBERING CHART FOR 55 CAL/CM² & 75 CAL/CM² PPE KITS

Salisbury Cat. No.	Size of Garments (choose one below)	ATPV Rating cal/cm ²	HRC
SK55*	S, M, L, XL, 2XL, 3XL	55	4
SK75*	S, M, L, XL, 2XL, 3XL	75	4
Example: SK55	2XL	55	4

SK552XL is an extra extra large clothing kit with a rating of 55 cal/cm² that contains a coat, bib overalls, PRO-HOOD, hard hat, safety glasses and storage bag.

NOTE: Available in orange upon request. Contact your local Salisbury Representative. OPTION: Add suffix "-BP" to replace the SKBAG Large Storage Bag with a SKBACKPACK Specialty Reinforced Back Pack.



*IMPORTANT: NFPA 70E does not have a Hazard Risk Category above 40 cal/cm². Working on levels above 40 cal/cm² should be avoided because of the blast hazards caused by arc flash.

NEW

PREFER A BACKPACK WITH YOUR KIT?

Make any kit a Back Pack kit, by adding suffix "-BP" to your part number or contacting your local Salisbury by Honeywell representative for more.



PRO-WEAR™ PERSONAL PROTECTION EQUIPMENT KITS
100 CAL/CM² HRC 4



► SALISBURY PRO-WEAR™ ARC PERSONAL PROTECTION EQUIPMENT KITS ARE AVAILABLE IN AN ATPV AN RATING OF 100 CAL/CM²*. This kit contains an arc flash coat, bib overalls, PRO-HOOD™, hard hat, SKBAG, and safety glasses.

Sizes S, M, L, XL, 2XL, and 3XL available from stock. Other sizes and orange color available by special order.

THIS KIT MEETS NFPA 70E
HAZARD RISK CATEGORY 4.

LIGHTER MATERIAL THAN EVER.
100 CAL/CM² MATERIALS OFFERS A LIGHTER
WEIGHT OPTION THAN 2004 OPTION.



If You Need it, Request it.
Call customer service if you need something not seen here.

PRODUCT NUMBERING CHART FOR 100 CAL/CM² PPE KITS

Salisbury Cat. No.	Size of Garments (choose one below)	ATPV Rating cal/cm ²	HRC
SK100*	S, M, L, XL, 2XL, 3XL	100	4
Example: SK100	2XL	100	4

SK1002XL is an extra extra large clothing kit with a rating of 100 cal/cm² that contains a coat, bib overalls, PRO-HOOD, hard hat, safety glasses and storage bag.

OPTION: Add suffix "-BP" to replace the SKBAG Large Storage Bag with a SKBACKPACK Specialty Reinforced Back Pack.

PREFER A BACKPACK WITH YOUR KIT?

Make any kit a Back Pack kit, by adding suffix "-BP" to your part number or contacting your local Salisbury by Honeywell representative for more.



NEW

ARC FLASH AND FLAME RESISTANT RAIN SUITS
7 CAL/CM² - 12 CAL/CM² HRC 2



◀ SALISBURY'S ARC & FLAME RESISTANT PVC NOMEX® RAIN SUIT meets all requirements for arc flash protection rainwear standard ASTM F 1891. The orange suits have an ATPV rating of 9 cal/cm², the yellow suits have an ATPV rating of 7 cal/cm². The jacket includes a collar hood, back vent with D-Ring opening, zipper front, two patch pockets with hook and pile flaps and 3M™ Scotchlite™ reflective trim. The pants include a snap fly front, deluxe suspenders system with quick release hardware and slide adjusters, hook and pile cuff adjusters and 3M™ Scotchlite™ reflective trim. The jackets and pants are available in either florescent yellow or florescent orange. PVC Nomex® Rain Suit meets Class 3 ANSI/ISEA 107-2004 standards.



NEW

PVC Nomex available in florescent orange or yellow.

PVC Nomex ECONOMY available in yellow.

Cat. No.	Description	Sizes
NRJ-O	Orange, PVC Nomex Jacket, 9cal/cm ²	S, M, L, XL, 2XL, 3XL**
NRP-O	Orange, PVC Nomex Pants, 9cal/cm ²	S, M, L, XL, 2XL, 3XL**
NRJ-Y	Yellow, PVC Nomex Jacket, 7cal/cm ²	S, M, L, XL, 2XL, 3XL**
NRP-Y	Yellow, PVC Nomex Pants, 7cal/cm ²	S, M, L, XL, 2XL, 3XL**
ERJ-Y*	Economy PVC Nomex Jacket, Yellow, 12cal/cm ²	S, M, L, XL, 2XL, 3XL**
ERP-Y*	Economy PVC Nomex Pants, Yellow, 12cal/cm ²	S, M, L, XL, 2XL, 3XL**

**Other sizes are available, contact factory or local Salisbury representative for availability.

Nomex® is a registered trademark of DuPont or its affiliates.

▲ SALISBURY'S NEW ARC RESISTANT PVC NOMEX® ECONOMY RAIN SUIT complies with current ASTM 1891 and standards and are available in yellow material. These garments have an ATPV rating of 12 cal/cm². This jacket features a draw string attached hood and snap front. The pants feature

HARD WORKING CLOTHING FOR HARD WORKING PEOPLE.

Salisbury continues to set industry standards with the introduction of the PRO-OUTERWEAR Arc Flash Protection Garments. These fire resistant garments are an addition to the PRO-WEAR™ Arc Flash Protection Clothing Line. Constructed of high quality FR fabrics and designed with durability and comfort in mind, this clothing line offers the same high standards you've come to expect from Salisbury.

Different from the PRO-WEAR Line of Arc Flash Clothing. The PRO-OUTERWEAR Line is designed for colder outdoor use. The garments include a quilted inner lining for comfort and warmth. Specialized gussets and shoulder designs allow for ease of movement and durability. The garment is intended for use by linemen and electrical workers.

Salisbury's PRO-OUTERWEAR Protection Clothing Line includes a hooded jacket, chore coat with removable hood, bib overalls and vest.

Tough, Durable, Dependable. DESIGNED ESPECIALLY FOR LINEMEN.



Pass Through Flap for Fall Protection

◀ PRO-OUTERWEAR PROTECTION CLOTHING

- ATPV Rating of 45cal/cm²
- 11.5 oz Indura Ultra Soft Shell and 10 oz Moda-Quilt lining
- Meets ASTM F1506-02, NFPA-70E, OSHA and latest NESC requirements
- One year warranty against any manufacturer defects

SIZING INFORMATION

	CHEST (inches dia.)	WAIST (inches dia.)	NECK (inches dia.)	ARM (inches length)	INSEAM (inches length)
SMALL	37-39	28-31	14-14-1/2	32-33	31
MEDIUM	40-42	32-35	15-15-1/2	33-34	31
LARGE	43-45	36-39	16-16-1/2	34-35	31
X LARGE	46-48	40-43	17-17-1/2	35-36	31
2X LARGE	49-51	44-46	18-18-1/2	36-37	31
3X LARGE	52-54	47-49	19-19-1/2	37-38	31

PRODUCT FEATURE

THE SALISBURY ADVANTAGE

DESIGNED ESPECIALLY FOR LINEMEN.



◀ JACKET & COAT FEATURES

- BI-SWING SHOULDER** - Provides easy shoulder mobility.
- UNDERARM GUSSET** - Provides easy arm mobility when reaching or working above the shoulders and head.
- PASS THROUGH FLAP FOR FALL PROTECTION** - Allows for a safety harness to be worn underneath the jacket.
- RAGLAN SLEEVE** - Comfortable fit for any shoulder size.
- KNIT WRIST UNDER CUFF** - Protects wrists from snags.
- HOOK & PILE CINCHING SLEEVES** - Allows rubber insulating gloves and sleeves to be put on and taken off easily.
- CARGO POCKETS** - (Hooded Jacket Only) Large expandable pockets for carrying tools and other items with additional inner pockets to warm hands.

◀ BIB OVERALLS FEATURES

- FULL FRONT ZIPPER & FULL LEG ZIPPER** - Convenient for dressing while wearing work boots.
- EXPANDABLE SIDE PANELS** - Creates an expandable fit to improve overall ease of movement and comfort.
- HOOK & PILE ADJUSTABLE WAIST** - Two easily adjustable side waist adjustment flaps.
- HOOK & PILE CINCHING LEG CUFFS** - Easy use for putting on and taking off work boots.
- LONGER CUT BODY** - Allows for a safety harness to easily be worn underneath.
- LOWER CUT BACK** - Allows for the safety harness to be worn under the bib overalls and the "D" ring of the safety harness to be easily attached.
- GUSSETED LEG DESIGN** - Allows for greater comfort and mobility, especially when kneeling or squatting.

◀ VEST FEATURES

- 2" TAIL DROP ON BACK** - Convenient 2" extra panel keeps worker warm while bending.
- EASY ACCESS FRONT POCKETS** - Deep design pockets keep items in their place.
- PASS THROUGH FLAP FOR FALL PROTECTION** - Allows for a safety harness to be worn underneath the vest.

Cat. No.	Description
ACOWHJ4530BRN	FR INSULATED HOODED JACKET - Color Brown
ACOWCC4531BRN	FR INSULATED CHORE COAT - Color Brown
ACOWBO4531BRN	FR INSULATED BIB OVERALL - Color Brown
ACOWV4526BRN	FR INSULATED VEST - Color Brown
ACOWOH45BRN	FR OPTIONAL HOOD - Color Brown One Size

Add suffix: "S" for Small, "M" for Medium, "L" for Large, "X" for Extra Large, "2X" for 2X Large, or "3X" for 3X Large.

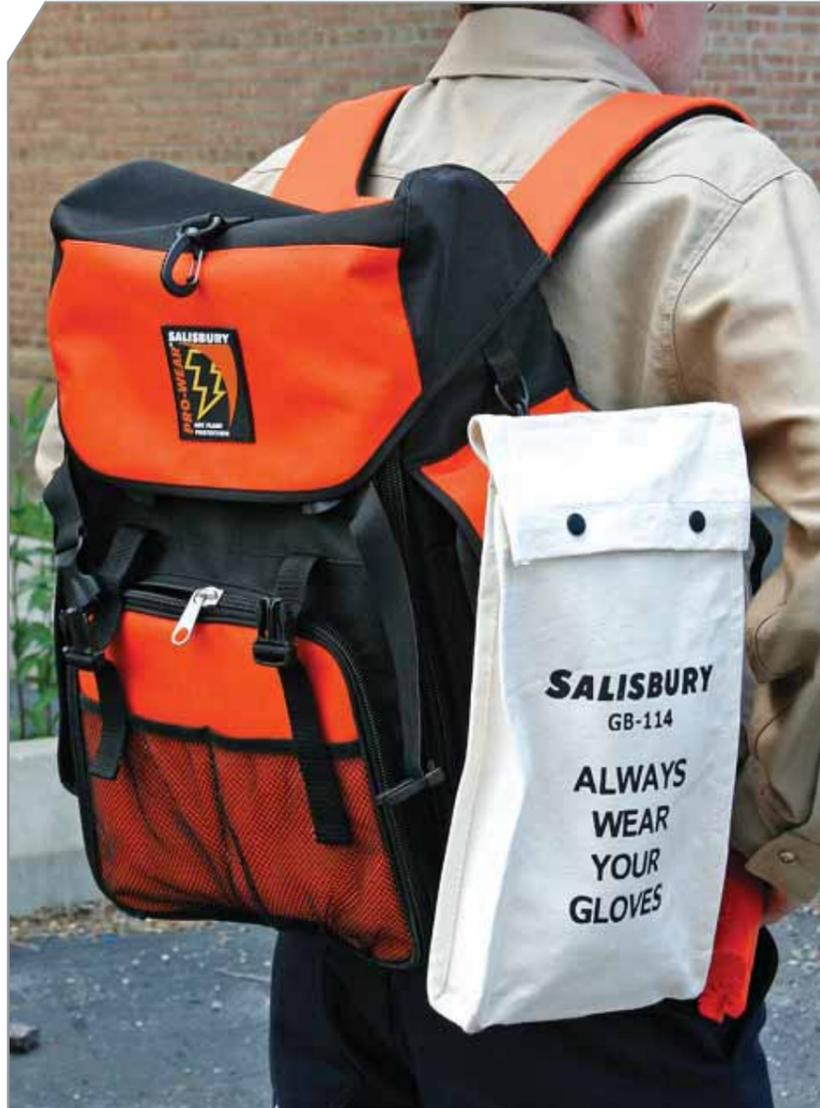


► EVERYTHING YOU NEED IN ONE CONVENIENT LIGHTWEIGHT BACKPACK.

The **SALISBURY SKBACKPACK** is specifically designed to hold virtually everything from tools to full Personal Protective Equipment (PPE) kits. Specialized reinforced compartments with flap closures are located on both sides of the pack and include flexible slots designed specifically to keep your hand tools in place. The individual compartments make finding the right tool a snap. The backpack can even be personalized to hold your very own PPE kit - clothing, head and face protection, insulated tool kit, and much more. The interior includes extra large compartments to hold voltage detectors or other specialized tools, as well as numerous smaller partitions. There is even a specific area for first aid items.

The rugged SK BACKPACK is manufactured from water resistant reinforced fabric, which is resistant to cuts and abrasion. The adjustable heavy duty straps are wide and padded making it very comfortable to wear regardless of the load. The SK BACKPACK includes an exterior hard hat strap, D-ring's, and universal snap hook. Even a built-in integrated handle for those on the move.

Thank you to numerous linemen and electricians that provided feedback and guidance to Salisbury during the design process.



◀ SALISBURY'S HEAVY DUTY TOOL BAG HELPS KEEP ALL YOUR SAFETY NEEDS ORGANIZED AND IN ONE PLACE.

The **SALISBURY TOOL BAG** is designed to easily transport and organize numerous hand tools and specialized equipment. Finding the right tool becomes effortless because of the many unique compartments. Large reinforced pockets are located throughout the interior of the bag. Outside there are nine individual pouches, including three expandable mesh compartments with "D"-ring clips. Great for carrying anything from water bottles to additional tools.

The SK Tool Bag has a black sleek design and is manufactured from heavy duty water resistant fabric, which is slash and cut resistant. The bag opening is large and reinforced with metal framing. Non-locking hinges allow for easy access and visual searching. The adjustable shoulder strap and durable carrying handle makes toting this lightweight (3.5 pounds) bag from job to job trouble-free.

Salisbury, continuing to exceed industry standards.



Wide Mouthed Opening



BACK PACK	
Cat. No.	Description
SKBACKPACK	Reinforced Specialty Backpack (14"L x 8"W x 18"H)

TOOL BAG	
Cat. No.	Description
SKTLBAG	Rugged Bag for Tool and Equipment Storage (19"L x 12"W x 14"H)



SKTLBAG



SKBAG

◀ **LARGE STORAGE BAG** for storing Salisbury PRO-WEAR™ Arc Flash Clothing, gloves and other accessories. Comes standard in most PRO-WEAR kits. Bag is 24" long x 15" high x 12" deep.

Cat. No.	Description
SKBAG	Large storage bag

PRO-WEAR™ ARC FLASH GLOVES
12 - 100 CAL/CM²



AFG40



AFG20

◀ SALISBURY PRO-WEAR™ ARC FLASH GLOVES are available in ATPV ratings of 12 to 100 cal/cm²*. These gloves are sewn with Nomex® thread. The 100 cal/cm² rated gloves are made from TuffWeld® (60% Lenzing FR™ - 40% Kevlar®) and Q/9® layered material. The 12 to 55 cal/cm² gloves have a 9oz./yd² (305 g/m²) SEF (self extinguishing fiber™) modacrylic lining and Indura Ultra Soft® outer shell. The shell make up varies depending on the level of protection:

- 12 CAL/CM² - single layer of 9 oz./yd² (305 g/m²) Indura Ultra Soft
- 20 CAL/CM² - single layer of 13 oz./yd² (441 g/m²) Indura Ultra Soft
- 31 CAL/CM² - 9 oz./yd² (305 g/m²) over
7 oz./yd² (237 g/m²) Indura Ultra Soft
- 40 CAL/CM² - 13 oz./yd² (441 g/m²) over
5.5 oz./yd² (186 g/m²) Indura Ultra Soft
- 55 CAL/CM² - 13 oz./yd² (441 g/m²) over
13 oz./yd² (441 g/m²) Indura Ultra Soft
- 100 CAL/CM² - 10 oz./yd² (339 g/m²) TuffWeld over
2 layers - 9.4 oz./yd² (319 g/m²) Q/9® batting

All Arc Flash Gloves are 14" long and designed in a cleft cut style. One size fits most.

Cat. No.	Description
AFG11	12 cal/cm ² , navy blue, 9 oz./yd ² (305 g/m ²) Indura Ultra Soft
AFG20	20 cal/cm ² , navy blue, 13 oz./yd ² (441 g/m ²) Indura Ultra Soft
AFG31	31 cal/cm ² , royal blue, 1 layer of 9 oz./yd ² (305 g/m ²) and 1 layer of 7 oz./yd ² (237 g/m ²) Indura Ultra Soft
AFG40	40 cal/cm ² , gray, 1 layer of 13 oz./yd ² (441 g/m ²) and 1 layer of 5.5 oz./yd ² (186 g/m ²) Indura Ultra Soft
AFG55*	55 cal/cm ² , gray, 2 layers of 13 oz./yd ² (441g/m ²) Indura Ultra Soft
AFG100*	100 cal/cm ² , khaki, 10 oz./yd ² (339 g/m ²) TuffWeld, 2 layer lining 9.4 oz./yd ² (319 g/m ²) Q9

SEF Modacrylic is the trademarked name for Solutia's line of modacrylic fibers.

If You Need it, Request it. Call customer service if you need something not seen here.

 CAUTION: ARC FLASH GLOVES DO NOT PROVIDE ELECTRICAL PROTECTION. DO NOT USE WHEN INSULATING RUBBER GLOVES (V RATED GLOVES) ARE REQUIRED.
*IMPORTANT: NFPA 70E does not have a Hazard Risk Category above 40 cal/cm². Working on levels above 40 cal/cm² should be avoided because of the blast hazards caused by arc flash.

GLOVES & SLEEVES



GLOVES & SLEEVES

Rubber and SALCOR® Protective Equipment

Rubber insulating gloves are available in six ASTM defined voltage classes. Rubber insulating sleeves are available in Class 00 through 4. The chart below identifies the class, proof test voltage and maximum allowable exposure voltage.

For an 8.5 x 11 reprint of this chart, contact your local Salisbury representative.

Protective Rubber Equipment Labeling Chart for Salisbury Linemen's Natural Rubber and SALCOR® Rubber Protective Equipment					
Class Color	Proof Test Voltage AC / DC	Max. Use Voltage* AC / DC	Rubber Molded Products Label	Glove Label	Rubber Dipped Sleeve Label
00 Beige	2,500 / 10,000	500 / 750			
0 Red	5,000 / 20,000	1,000 / 1,500			
1 White	10,000 / 40,000	7,500 / 11,250			
2 Yellow	20,000 / 50,000	17,000 / 25,500			
3 Green	30,000 / 60,000	26,500 / 39,750			
4 Orange	40,000 / 70,000	36,000 / 54,000			

Insulating Gloves and Sleeves must have a color coded label to meet appropriate ASTM Specifications.
* Max. Use Voltage when worn with leather protectors.

MANUFACTURED FOR
OUTSTANDING PROTECTION,
COMFORT AND LONG-LIFE

Rubber insulating gloves are among the most important articles of personal protection for electrical workers. Incorporating high dielectric and physical strength, flexibility and durability, Salisbury rubber insulating gloves have earned the reputation for superior performance-meeting and exceeding the requirements of current ASTM D120 specifications and IEC EN60903 Standards.

Salisbury rubber insulating gloves are manufactured by dipping porcelain forms into a tank of liquefied rubber. The thin layer of rubber which results is allowed to dry and the process is repeated until the required thickness is reached. Depending on the voltage class of the glove, this dipping-drying-dipping cycle may need to be repeated over 30 times. After the desired thickness is achieved, the gloves are allowed to dry. Once dry, they are cut to length, the reinforcing bead is rolled, and the ASTM label and manufacturing information is applied along with any additional permanent marking that may be requested.

The gloves are cured in an autoclave under steam pressure and heat. After curing, the gloves are visually inspected. Gloves with visual imperfections are rejected. The gloves are then given a halogenation treatment (chlorination) to increase the comfort and wearability. The gloves are electrically tested following ASTM D120/IEC 903 specifications. Following the electrical test, the gloves are given a final visual inspection. The gloves are then ready to be boxed and shipped.



Are you not sure what gloves you need?
Salisbury has made it easy with the Salisbury Glove Configurator™

Glove Configurator
Visit www.whsalisbury.com/glove_configurator/ to use Salisbury's exclusive Glove Configurator™. This interactive web tool allows you to easily determine which Salisbury gloves you need to meet your requirements.



OSHA 1910.137 states "Insulating equipment shall be inspected before each day's use and immediately following any incident that can reasonably be suspected of having caused damage. Insulating gloves shall be given an air test, along with the inspection." Salisbury's New G100 (Patent Pending), with G100A adapter for Class 00 and 0 and smaller size gloves, and the G99, without additional adapter, are the perfect answer for inflating your gloves for inspection.

The G99 is a simple, easy to use, portable glove inflator. The G99 provides a quality means of inspecting gloves in the field. The glove is secured to the inflator using a nylon strap and fastened with a hook and pile closure. Inflation is accomplished by pumping the bellows of the inflator against any surface. **NOTE: gloves should be expanded no more than 1.5 times their normal size for Type I, and 1.25 times normal for Type II SALCOR.**

SALISBURY ADVANTAGE

The G100 is also a simple and easy to use, portable glove inflator. The G100 operates exactly like the G99, but includes an additional G100A adapter to also inspect Class 00 and 0 and smaller gloves. To use the adapter, the glove is secured to the G100A adapter using a nylon strap with a hook and pile closure. The adapter, with glove attached, is then placed on top of the inflator to be inflated for inspection.



G99



G100

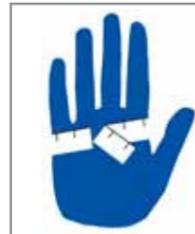


G100A



G100 with inflated lo-volt glove ready for inspection.

Cat. No.	Description	Weight ea. lbs. (mm)
G99	Glove Inflator Kit	2 (.91)
G99B	Replacement Bag	-
G99S	Replacement Strap	-
G99V	Replacement Check Valve	-
G100	Glove Inflator Kit w/ Adapter	-
G100A	Lo-Volt Glove Adapter	-



Measure the circumference around the palm.

SELECTING THE RIGHT SIZE, LENGTH AND STYLE

Salisbury linemen's gloves are available in a full range of sizes, from 7,8 through 12, including half sizes. Proper fit is important. To determine glove size, measure the circumference around the palm. Allow for additional room if fabric glove liners are to be worn, especially with thermal liners.

SALISBURY ADVANTAGE

Type I and Type II gloves are extremely flexible to make working with small parts easy. The gloves meet or exceed ASTM D120 and IEC EN60903 Standards.

Class 00 and 0 gloves are available in 11 and 14 inch lengths. Class 00 Electrical Insulating Rubber Gloves are made from red or black Type I natural rubber, blue Type II SALCOR®, or in contrasting blue/orange Type II SALCOR. The contrast between the outer orange color against the inner blue color makes inspecting for cuts and tears easier when the glove is inflated or stretched.

CAT. NO. BREAKDOWN FOR CLASS 00 GLOVES

	Class	Length	Color	Size
E	00	11	R, B, BL, or BLO	7, 8, 8H 9, 9H
E	00	14	R, B, BL, or BLO	10, 10H
			R=red B=black Type I Natural Rubber	11, 11H
			BL=blue BLO=blue in, orange out :Type II SALCOR	12
Example: E0011BL/8				

CAT. NO. BREAKDOWN FOR CLASS 0 GLOVES

	Class	Length	Color	Size
E	0	11	Y, B, R, BL, BLO, or BY	7, 8, 8H 9,9H
E	0	14	Y, B, R, BL, BLO, or BY	10, 10H
			R=red B=black Y=yellow:Type I Natural Rubber	11, 11H
			BY=black in, yellow out:Type I Natural Rubber	12
			BL=blue BLO=blue in, orange out :Type II SALCOR	
Example: E014R/9				



E011Y Gloves being manufactured.



E0011BL/9



E0014BLO/9



E011R/9



E011Y/10

SALISBURY LINEMEN'S GLOVES HIGH VOLTAGE - ASTM CLASS 1,2,3,4

Class 1 through 4 gloves are available in the industry standard color black, or in contrasting two-color combinations. The contrast between the thin outer color against the inner color makes inspecting for cuts and tears easier when the glove is inflated or stretched.

Class 1 through 4 gloves are available in 14, 16 and 18 inch lengths. A straight cuff is standard on 14" (356 mm), 16" (406 mm) & 18" (457 mm) gloves. The straight cuff is the default style.

A contour cuff is angled to prevent bunching or binding at the elbow when the arm is bent. Available on all 18" (457mm) gloves only.

The bell cuff accommodates heavier winter clothing and allows for greater air flow in warmer weather. These are available for Class 1 through 4 gloves. Bell cuff gloves are not available in sizes 7, 8 or 8H.



CAT. NO. BREAKDOWN FOR CLASS 1,2,3,4 GLOVES

Class	Glove Length in.	Cuff Style***	Color	Size
E 1	14, 16 or 18	BC, C	B, YB or RB	7, 8, 8H
E 2	14, 16 or 18	BC, C	B, YB or RB	9,9H
E 3*	14, 16 or 18	BC, C	B, YB or RB	10, 10H
E 4**	14, 16 or 18	BC, C	B, YB or RB	11, 11H

BC=bell cuff C=contour cuff (Contour cuff available for 18" only.) 12

*available in sizes 8 through 12 including half sizes only

**available in sizes 9 through 12 including half sizes only

B=black YB=Y inside, B out RB=R inside, B out:Type I Natural Rubber

Example: E116BCYB/10

*** bell cuff gloves available in sizes 9 through 12 including half sizes

SALISBURY LINEMEN'S MITTENS HIGH VOLTAGE - ASTM CLASS 1,2,3,4

Salisbury Lineman's Mittens are made from the same durable, lightweight rubber as the five finger gloves yet keep the user warmer during harsh temperatures. The three finger mitten allows for precise hand movement as well.

Class 1 through 4 mittens are available in the industry standard black or in contrasting two-color combinations. The contrast between the thin outer color against the inner color makes inspecting for cuts and tears easier when the glove is inflated or stretched.

Class 1 through Class 4 mittens are available in 14, 16 and 18 inch lengths. A bell cuff design is standard on all mittens. BC=Bell Cuff.

Mittens are available in sizes 9, through 11 full sizes only.



EM216BCRB/10

CAT. NO. BREAKDOWN FOR CLASS 1,2,3,4 MITTENS

Class in.	Glove Length	Cuff Style	Color	Size
EM 1	14, 16 or 18	BC	B, YB or RB	9
EM 2	14, 16 or 18	BC	B, YB or RB	10
EM 3	14, 16 or 18	BC	B, YB or RB	11
EM 4	14, 16 or 18	BC	B, YB or RB	
Bell Cuff colors		B=black YB=Yellow inside, Black out	RB=Red inside, Black out	

Leather Protector Gloves should always be worn over Rubber Insulating Gloves to provide the needed mechanical protection against cuts, abrasions and punctures. All Salisbury protectors are steamed pressed on curved hand forms to insure proper fit over Rubber Gloves. Manufactured from top grade leather, all are sewn with heavy duty nylon thread in the "gunn cut" inseam construction pattern. Each protector for Class 1-4 gloves are equipped with a nonmetallic buckle on the pull strap and an extra wide leather reinforcement over the thumb seam. Protectors for Class 00 and 0 gloves are available with non-metallic buckle and pull strap or elastic wrist.

All Salisbury Leather Protectors meet ASTM F696 standards.

It is the responsibility of the purchaser to specify the overall length of the protector gloves. The Clearance Table shows the minimum distance which shall be allowed between the protector glove cuff and the bead of the rubber glove per ASTM F496 Specifications.



WARNING: Do not use leather protectors alone for protection against electric shock. Serious injury or death will result. Always use a properly rated insulating glove for the voltage being worked.

Proper care of leather protectors is essential to user safety. Inspect the leather protectors when inspecting rubber gloves. Metal particles, imbedded wire, abrasive materials or any substance that could physically damage the rubber gloves must be removed from the protector before use.



CLEARANCE TABLE FOR LEATHER PROTECTORS PER ASTM F496 - TABLE 4

Glove Class	Min. Distance Between Protectors and Rubber Gloves	
	in.	mm
00, 0	1/2	13
1	1	25
2	2	51
3	3	76
4	4	102

Adapted, with permission, from F496-08 Standard Specification for In-Service Care of Insulating Gloves and Sleeves, copyright ASTM International, 100 Barr Harbor Drive, West Conshohocken, PA 19428. A copy of the complete standard may be obtained from ASTM, www.astm.org.



The minimum distance from the leather protector cuff to the bead of the rubber glove for this Class 2 glove is 2 inches.

Minimum Distance from Protector and Rubber Glove	Glove Class	Leather Protector Cuff
		----- Cuff Line -----
	00, 0	1/2" from cuff
	1	1" from cuff
	2	2" from cuff
	3	3" from cuff
	4	4" from cuff

SALISBURY ADVANTAGE

156 Premium Series

SALISBURY'S SALCOR® CUFF PROVIDES MAXIMUM PROTECTION.

These protectors are made from specially tanned Grade A Red Boulevard buffed leather and an orange colored SALCOR "Super Cuff" in the 4" (102 mm) and 6" (152 mm) cuff lengths. The "Super Cuff" has better characteristics than leather or vinyl cuffs; it does not absorb water, has greater track resistance, and creepage.



Cat. No.	Cuff Length in. (mm)	OAL Length in. (mm)	Weight ea. lbs. (kgs)
156-4	4 (102) Straight Cuff	12 (305)	1 (.5)
156-6	6 (152) Straight Cuff	14 (356)	1.2 (.5)

Available in dual sizes: 8/8.5, 9/9.5, 10/10.5, 11/11.5, 12



156-4



156-6

LEATHER PROTECTORS

► ILP SERIES

Manufactured from top grain cowhide, or goatskin, these protectors provide excellent protection for rubber insulating gloves at a very economical price. Cowhide cuffs are tough leather on palm side and orange vinyl on the back, while the goatskin cuffs are green leather on palm side and orange vinyl on back. Full complement of styles from low-volt through 16" contour cuff. Comes in size 7, dual sizes 8/8.5 through 11/11.5 and size 12.

► ILPM SERIES MITTEN PROTECTOR

Manufactured from top grain cowhide, these protectors offer excellent comfort and protection. The ILPM Series mitten protectors feature adjustable straps with non-metallic buckles and are stitched with polyester thread for strong seams. Cuffs are tough leather on palm side and orange vinyl on the back of the hand. Comes in sizes 9, 10 and 11.

► LP SERIES

Manufactured from top grain cowhide or goatskin, these protectors offer excellent comfort and protection. The LP Series protectors feature adjustable straps with non-metallic buckles and are stitched with polyester thread for strong seams. Cuffs are tough leather on palm side and orange vinyl on the back of the hand. Comes in sizes 7 to 12, including half sizes 8 1/2 to 11 1/2.

Cat. No.	OAL Length in. (mm)	Weight ea. lbs. (kgs)
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ILP SERIES - COWHIDE

ILP3S*	12 (305)	1 (.5)
ILP4S*	13 (330)	1 (.5)
ILP5S*	14 (356)	1.2 (.5)
ILP6S*/**	15 (381)	1.2 (.5)
ILP7C*/**	16 (406)	1.5 (.7)
ILP10*	10 (254)	.7 (.32)
ILP10A* w/ pull strap	10 (254)	.7 (.32)

*To specify goatskin, use ILPG. Goatskin not available in size 7.
Available in dual sizes: 7, 8/8.5, 9/9.5, 10/10.5, 11/11.5, 12

** Not available in size 7.

ILPM SERIES - COWHIDE

ILPM3S	12 (305)	1 (.5)
ILPM4S	13 (330)	1 (.5)
ILPM5S	14 (356)	1.2 (.5)

Available in sizes: 9, 10, 11

LP SERIES

LP3S	12 (305)	1 (.5)
LP4S	13 (330)	1 (.5)
LP5S	14 (356)	1.2 (.5)
LP6S	15 (381)	1.2 (.5)
LP7C	16 (406)	1.5 (.7)
LP10	10 (254)	.7 (.32)
LP10A w/ pull strap	10 (254)	.7 (.32)

To specify goatskin, use LPG.

Available in single sizes: 8, 8.5, 9, 9.5, 10, 10.5, 11, 11.5, 12



ILPG10



ILPG10A



ILPM5S



ILP7C



LPG3S



LP7C



LPG5S

GLOVE STORAGE & GLOVES KITS

PROPER STORAGE EXTENDS THE SERVICE LIFE OF LINEMEN'S

GLOVES AND SLEEVES.

Folds and creases strain rubber and cause it to crack from ozone prematurely. By storing rubber gloves in the right size bag, and never forcing more than one pair into each bag, equipment will lie flat and last longer.

Salisbury bags are constructed of heavy duty canvas duck and are double stitched and riveted at stress points for extra durability. Canvas bags feature a D ring for hanging in trucks or on work belts. Bags feature tapered gussets with wide opening tops for easy insertion.

NEW GLOVE AND PROTECTOR

Bags contain two layered pockets in one bag. Now, both a pair of gloves and protectors can be properly stored in one convenient bag.



SALISBURY ADVANTAGE

Glove Kits

Salisbury's insulating rubber gloves are necessary for every electrical worker's complete safety. And to insure your safety, Salisbury's leather protectors provide needed protection from cuts, abrasions, and punctures. To keep these safety items in top condition, proper storage is very important.

PRODUCT NUMBERING CHART FOR GLOVE KITS

Class	Length (inches)	Color	Size of Gloves (choose one below)
GK	00 11 or 14	B, R, BL	7, 8, 9, 10, 11, 12
GK	0 11 or 14	R, BL, B, Y	7, 8, 9, 10, 11, 12
GK	214, 16, or 18	B, RB	7, 8, 9, 10, 11, 12

Example: GK011BL/9

Type I Natural Rubber available in: R=Red, Y=Yellow, B=Black, RB=Red in, Black out

Type II SALCOR® Rubber available in: BL=Blue



GB116

GB116GC

Cat. No.	For Glove length in. (mm)	Dimensions inches (mm)	Weight ea. lbs. (kgs)
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26 OZ. CANVAS GLOVE BAGS

GB112	11 (280)	9" x 14" (229 x 356)	1 (.5)
GB114	14 (356)	9" x 16" (229 x 406)	1 (.5)
GB116	16 (406)	9" x 18" (229 x 457)	1.2 (.6)
GB118	18 (457)	9" x 20" (229 x 508)	1.5 (.7)

26 OZ. CANVAS GLOVE BAGS W/ GOGGLE CASE

GB114GC	14 (356)	9" x 16" (229 x 406)	1 (.5)
GB116GC	16 (406)	9" x 18" (229 x 457)	1.2 (.6)
GB118GC	18 (457)	9" x 20" (229 x 508)	1.5 (.7)

14.75 OZ. CANVAS GLOVE & PROTECTOR BAGS

GPB114	14 (356)	9" x 16" (229 x 406)	1 (.5)
GPB116	16 (406)	9" x 18" (229 x 457)	1.2 (.6)
GPB118	18 (457)	9" x 20" (229 x 508)	1.5 (.7)



GK011BL/9



Note: If you require test date stamping, please specify when ordering.

► **RUBBER INSULATING SLEEVES** extend coverage of the cuff of rubber insulating gloves to the shoulder- fully protecting these areas from accidental contact with energized conductors and equipment. Salisbury sleeves feature a reinforcing fold at the cuff. This fold is preferred over a rolled bead because it adds less bulk to the cuff and fits into the glove easier without pushing. Two different processes are used to manufacture insulating sleeves; dipping and molding. Both meet the current requirements of ASTM D1051 and offer the same high level of quality and protection.

SIZING

Sleeves should be selected to fit the arm comfortably, covering from the top of the shoulder to inside the top of the glove. Regular size sleeves are the shortest and have the smallest arm and wrist openings. To minimize the possibility of the sleeves pushing gloves off the hand, size the sleeve to the shortest length possible while maintaining complete coverage to the shoulder.

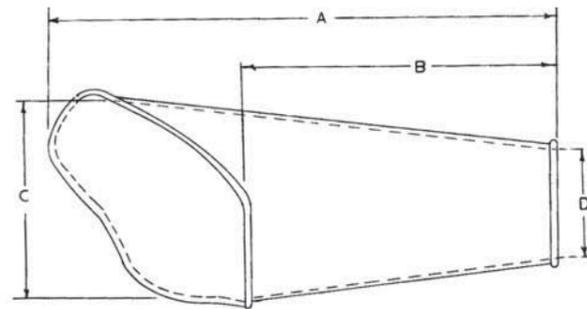


Figure 1

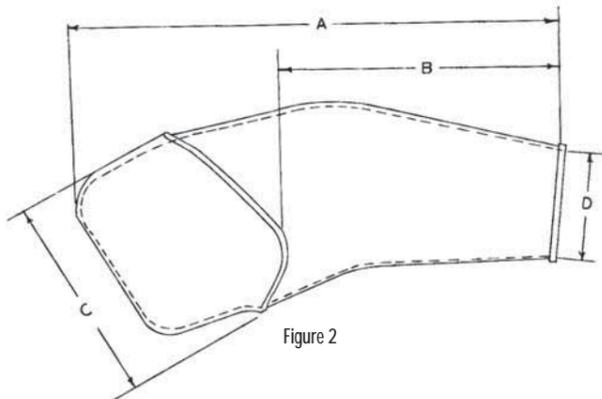


Figure 2

SIZING LINEMEN'S SLEEVES

STRAIGHT ARM SLEEVE- Figure 1

A	B	C	D
in. (mm)	in. (mm)	in. (mm)	in. (mm)
Regular			
26.25 (667)	15.5 (394)	11.25 (286)	5.5 (140)
Large			
28.5 (724)	17 (432)	12.87 (327)	6.87 (175)
Extra Large			
30 (762)	19 (483)	13.25 (337)	6.87 (175)

EXTRA CURVED ARM SLEEVE- FIGURE 2

A	B	C	D
in. (mm)	in. (mm)	in. (mm)	in. (mm)
Regular			
26.5 (673)	15.5 (394)	12.25 (311)	5.25 (146)
Large			
27.75 (705)	16 (406)	12.87 (327)	6.87 (175)
Extra Large			
29.5 (749)	17.5 (445)	12.87 (327)	7 (178)

► **SALISBURY ADVANTAGE**

Dipped sleeves are manufactured in the same way as Salisbury rubber insulating gloves. Porcelain forms are dipped into liquefied rubber, dried, trimmed, marked and cured. Every sleeve receives the same quality inspections and electrical testing before shipping. Dipped sleeves are available in the same colors as dipped gloves, including two color combinations.

Salisbury is the only manufacturer that offers two popular styles of dipped lineman's sleeves: straight and extra-curved. Both styles are available in every color or color combination, size, and voltage class. Most importantly, all are made to the same rigid levels of quality demanded by Salisbury.

Only Salisbury offers both dipped and molded sleeves.



Extra-Curved Arm
D2LYR-EC



Straight Arm
D2RYB-ST

CAT. NO. BREAKDOWN FOR DIPPED TYPE I SLEEVES

Voltage Class	Size	Color
D0	R, L or XL	Y=yellow
D1	R, L or XL	R=red
D2	R, L or XL	B=black
D3	R, L or XL	YB=Y inside, B out
D4	R, L or XL	RR=R inside R out

R=regular L=large XL=extra large YR=Y inside, R out

Example: D2LYB-ST

Add suffix "-ST" to order straight cuff or "-EC" to order extra-curved cuff

► **MOLDED SLEEVES** are manufactured by either injection or compression molding methods. The advantage these methods offer is the ability to produce sleeves of Type I or SALCOR® Type II synthetic rubber. SALCOR sleeves provide the same high quality and electrical protection as natural rubber, with the added benefit of being resistant to ozone and ultraviolet radiation. Type I sleeves are available in black, yellow or maroon. Type II SALCOR sleeves are black or orange. Molded sleeves are available in curved arm style only.



Black
Type I
2RB



Yellow
Type I
3LY



Orange
Type II
2ROS

CAT. NO. BREAKDOWN FOR MOLDED TYPE I SLEEVES

Voltage Class	Size	Color
1	R or L	Y
2	R, L or XL	B, Y, M
3	R or L	Y, M
4	R or L	M

R=regular L=large XL=extra large B=black Y=yellow
Example: 2LB M=maroon

CAT. NO. BREAKDOWN FOR MOLDED TYPE II SLEEVES

Voltage Class	Size	Color
1	R or L	BS or OS
2	R, L or XL	BS or OS

R=regular L=large XL=extra large BS=black SALCOR OS=orange SALCOR
Example: 2LOS

► **PROPER STORAGE EXTENDS THE SERVICE LIFE OF LINEMEN'S SLEEVES.**

Folds and creases strain rubber and cause it to crack from ozone prematurely. By storing rubber sleeves in the right size bag, and never forcing more than one pair into each bag, equipment will lie flat and extend the life of the product.

Salisbury bags are constructed of heavy duty canvas duck and are double stitched and riveted at stress points for extra durability. Canvas bags feature a D ring for hanging in trucks or on work belts. Bags feature tapered gussets with wide opening tops for easy insertion.

SALISBURY ADVANTAGE

The T32 bag contains a crush resistant lining to create a more protective environment for your sleeves.

Sleeve buttons, straps, and harnesses are required to wear rubber insulating sleeves properly. Four buttons are required per pair of sleeves. Two straps are required per pair of sleeves. One harness is required per pair of sleeves.



T32

T31

D Ring on back

Cat. No.	For Sleeve length in. (mm)	Dimensions inches (mm)	Weight ea. lbs. (kgs)
CANVAS SLEEVE BAG			
T31	-	30" x 9.5" (762 x 241mm)	1.5 (.7)
T32	-	30" x 13" (762 x 330 mm)	3 (1.4)

BUTTONS

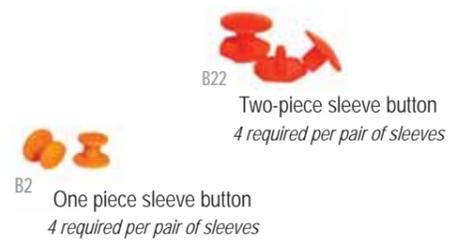
B2	-	One Piece Sleeve Button	.2 (.01)
B22	-	4 Screw Type Buttons	.8 (.04)

STRAPS

S1	15"(381mm) Strap w/ 4 B2 Buttons	.1 (.005)
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HARNESS

H1	Harness w/ 4 B2 Buttons	1 (.45)
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B2 One piece sleeve button
4 required per pair of sleeves

B22 Two-piece sleeve button
4 required per pair of sleeves



S1



H1

► **LINER GLOVES** enhance the comfort of wearing Rubber Insulating Gloves in every season. Liners provide warmth in the cold season and absorb perspiration in the warm months. Many styles and fabrics are available with either an open or knit wrist.

The knit wrist style grips the wrist rather than allowing the cuff to roll down and bunch at the palm. All Liner Gloves are for year round use with Rubber Insulating Gloves and Mittens. All liners are made from stretch fabric that can fit any hand size.

The **L Series** has a tough outer cotton fabric while the inner lining is soft and comfortable. The **LMKC Series** is light, airy and allows ease of movement. The **LMKW Series** is made from a wool blend fabric that moves easily yet gives a substantial layer of lining.

The **89 Series** is Salisbury's classic summer and winter glove liner. Liners absorb perspiration from hands. The summer liner is white in color and 100% cotton. The winter blend is a rust color and 100% acrylic.



Cat. No.	Description	Wrist Style	Length in. (mm)	Weight ea. lbs. (kgs)
L10JK	Jersey Style, Light Weight, Seams Out	Knit	10 (254)	.14 (.06)
L10J	Jersey Style, Light Weight, Seams Out	Open	10 (254)	.12 (.06)
L12J	Jersey Style, Light Weight, Seams Out	Open	12 (305)	.14 (.07)
L10MKC	Machine Knit, 100% Cotton	Knit	10 (254)	.12 (.05)
L12MKC	Machine Knit, 100% Cotton	Knit	12 (305)	.12 (.05)
L10MKW	Machine Knit, Wool Blend	Knit	10 (254)	.14 (.06)
L12MKW	Machine Knit, Wool Blend	Knit	12 (305)	.14 (.07)
89/1402	White Machine Knit, 100% Cotton	Knit	10 (254)	.12 (.06)
89/4702	Rust Machine Knit, 100% Acrylic	Knit	10 (254)	.12 (.06)

One size fits all.

Salisbury's **SALPOL GLOVES** protect hands during cold weather jobs. The black split cowhide leather has a 3M Thinsulate* lining to keep hands warm. For extra warmth a long knit wrist is sewn into the safety cuff to keep out snow and ice. The glove also has a full leather index finger, knuckle strap, leather fingertips, and pull patch.

*Thinsulate is a registered Trademark of the 3M Company.

DRIVERS WORK GLOVES set the standard for quality at an affordable price. Combining comfort, durability and economy, Salisbury leather Drivers Work Gloves meet the tough challenges of today's demanding workplace. Available in lined or unlined styles. The bindings are color coded to indicate size: red-small, green-medium, brown-large, purple-extra large.

LINEMEN WORK GLOVES are designed specifically for use by linemen and offers many of the quality features found in our leather protectors. Made from high quality grain cowhide or goatskin, this glove is soft and flexible, while still being highly abrasion and cut resistant for long wear.



SALPOL GLOVES & WORKGLOVES

Cat. No.	Description	Length in. (mm)	Weight ea. lbs. (kgs)
SP-S	Small Size Polar Glove	n / a	.5 (.23)
SP-L	Large Size Polar Glove	n / a	.5 (.23)

*Add "-S" for small, "-M" for medium, "-L" for large, "-XL" for extra-large.

DRIVERS & LINEMEN WORK GLOVES

Cat. No.	Description	Weight ea. lbs. (kgs)
195/217/WHS*	Unlined	3 (.14)
195/317/WHS*	Lined	.3 (.14)

*Add "-S" for small, "-M" for medium, "-L" for large, "-XL" for extra-large.

LW2SPE**	Cowhide leather, natural pigskin cuff	.4 (.18)
LWG2SPE**	Goatskin leather, natural pigskin cuff	.4 (.18)

**Add "-M" for medium, "-L" for large, "-XL" for extra-large.



RUB-OUT® is a non-petroleum-based hand cleaner for workers who wear rubber gloves and sleeves. Dissolves and removes grease, oil, ink, tar, pipe dope, creosote, paint and more without harming natural rubber or SALCOR® rubber. Cleans with or without water. Contains natural skin conditioners and leaves a fresh citrus scent.

Salisbury's RUB-OUT® TOWELETTES are premoistened heavy duty hand cleaner towels that work fast to loosen, dissolve, and absorb dirt and grease, and will not harm rubber gloves! Our powerful yet safe cleaning agents work together with an absorbent, nonscratching abrasive cleaning towel. The citrus-based formula easily removes soil from your hands and leaves them cleaned and conditioned anywhere you're working. And after cleaning your hands there is enough absorbency to clean your tools and other surfaces with the same towel. These shop size (10.5" x 12.25") durable towels quickly remove tough-to-clean substances including lubricants, tar, oils, wax, caulk and much more.

TEN-FOUR® GLOVE DUST is a cooling, frictionless powder that absorbs moisture and perspiration when wearing rubber gloves. Provides extra comfort while preventing gloves from getting sticky. The 6-oz. bottle easily fits in a pocket or glove bag. The 4-quart bulk package is used in test labs as a dusting powder when cleaning and testing.

SUPER SALCO® CLEANER is a concentrated detergent with a special grease release formula that removes oils, grease and dirt from natural rubber and SALCOR rubber equipment. Suitable for washing linemen's rubber gloves, sleeves and other specialty equipment, by hand or in commercial washing machines. Also works well on fiberglass and other materials. Just dilute with water, apply with a rag or sponge and rinse thoroughly.

SALCON® Silicone Spray is specially formulated to reduce friction on SALCOR or natural rubber products. Reduces surface creepage on rubber gloves and sleeves. Forms an oxygen barrier which helps reduce corona

Cat. No.	Description	Weight ea. lbs. (kgs)
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RUB-OUT® HAND CLEANER

14504.5 oz. (130g) tubes, 12/pack4 (1.8)
145116 oz. (.45kg) can, 12/pack16 (7.3)
14524.5 lbs. (2kgs) cans, 6/pack28 (12.7)
1453Dispenser for 4.5lb. (2kg) can 1 (.5)

RUB-OUT® TOWELETTES

1460Bucket of 60, 6 buckets / Case14 (6.4)
1461Single Packets, 100 Singles / Case3 (1.4)

TEN-FOUR® GLOVE DUST

10-412 @ 6 oz. (170g) squeeze bottles 5.5(2.2)
10-4-4QT4 quarts (3.8 ltrs.) bulk, single8 (3.6)

SUPER SALCO® DETERGENT

S41 gal (3.8 ltr.) jugs, 4 pack 54(24.5)
S5 5 gal (19 ltr.) drum 49 (22.3)
S55 55 gal (208 ltr.) drum 540 (245)

SALCON® SILICONE SPRAY

S99 Aerosol can 16 oz. (.454)

SUNSCREEN 30

SS30 100 towelettes 6 (2.72)

cutting and weather checking on rubber equipment. May also be used to spray spark plugs and battery terminals in damp weather to assist in starting.

SUNSCREEN 30 is a non-oily sunscreen that does the job for at least four hours. Safe for leather and rubber gloves, leaves no residue-no slippery hands. Large convenient towelettes.



APPLICATION

- > power supply and installation companies
- > electrical workshops in all branches of the industry
- > installation, maintenance and repair work involving high voltages

QUALITIES AND ADVANTAGES

- > electrical arc faultage test passed according to CENELEC ENV 50354 and IEC 61482-1
- > very good flexibility
- > very good sensitivity
- > good grip
- > low-protein natural latex with surface treatment for avoidance of allergies

Article no. Name	583 Electro
Material	natural latex (NR)
Description	long cuff, roughened
Length (mm) Thickness (mm)	345-375 max. 0,5+0,6
Colour Size	red 8, 9, 10, 11
according to the guideline 89/686/EWG	category III EN60903 △
Class Category	00 A, Z, C
IEC 61482-1	Class II
Tear resistance	≥ 16 Mpa
Elongation of break	≥ 600 %
Permanent elongation	≤ 15 %
Test voltage (kV) AC	2,5
Max. working voltage:	
a. AC voltage	500 V
b. DC voltage	750 V



FEATURES

- > delivery in bags resistant to UV-light





APPLICATION

- › power supply and installation companies
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- › installation, maintenance and repair work involving high voltages

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- › very good flexibility
- › very good sensitivity
- › good grip
- › low-protein natural latex with surface treatment for avoidance of allergies

Article no. Name	584 Electro
Material	natural latex (NR)
Description	long cuff, roughened
Length (mm) Thickness (mm)	395 - 425 max. 1+0,6
Colour Size	red 8, 9, 10, 11
according to the guideline 89/686/EWG	category III EN60903 △
Class Category	0 A, Z, C
IEC 61482-1	Class II
Tear resistance Elongation of break	≥ 16 Mpa ≥ 600 %
Permanent elongation	≤ 15 %
Test voltage (kV) AC Max. working voltage: a. AC voltage b. DC voltage	5 1.000 V 1.500 V



FEATURES

- › delivery in bags resistant to UV-light



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- › electrical arc faultage test passed according to CENELEC ENV 50354 and IEC 61482-1
- › very good flexibility
- › very good sensitivity
- › good grip
- › low-protein natural latex with surface treatment for avoidance of allergies

Article no. Name	585 Electro
Material	natural latex (NR)
Description	long cuff, roughened
Length (mm) Thickness (mm)	395 - 425 max. 1,5+0,6
Colour Size	red 9, 10, 11
according to the guideline 89/686/EWG	category III EN60903 △
Class Category	1 A, Z, C
IEC 61482-1	Class II
Tear resistance Elongation of break	≥ 16 Mpa ≥ 600 %
Permanent elongation	≤ 15 %
Test voltage (kV) AC Max. working voltage: a. AC voltage b. DC voltage	10 7.500 V 11.250 V



FEATURES

- › delivery in bags resistant to UV-light





APPLICATION

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- › electrical arc faultage test passed according to CENELEC ENV 50354 and IEC 61482-1
- › very good flexibility
- › very good sensitivity
- › good grip
- › low-protein natural latex with surface treatment for avoidance of allergies

Article no. Name	586 Electro
Material	natural latex (NR)
Description	long cuff, roughened
Length (mm) Thickness (mm)	395 - 425 max. 2,3+0,6
Colour Size	red 9, 10, 11
according to the guideline 89/686/EWG	category III EN60903 △
Class Category	2 A, Z, C
IEC 61482-1	under certification
Tear resistance	≥ 16 Mpa
Elongation of break	≥ 600 %
Permanent elongation	≤ 15 %
Test voltage (kV) AC Max. working voltage:	10
a. AC voltage	17.000 V
b. DC voltage	25.500 V



FEATURES

- › delivery in bags resistant to UV-light



APPLICATION

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- › electrical workshops in all branches of the industry
- › installation, maintenance and repair work involving high voltages

QUALITIES AND ADVANTAGES

- › electrical arc faultage test passed according to CENELEC ENV 50354 and IEC 61482-1
- › very good flexibility
- › very good sensitivity
- › good grip
- › low-protein natural latex with surface treatment for avoidance of allergies

Article no. Name	587 Electro
Material	natural latex (NR)
Description	long cuff, roughened
Length (mm) Thickness (mm)	395 - 425 max. 2,9+0,6
Colour Size	red 9, 10, 11
according to the guideline 89/686/EWG	category III EN60903 △
Class Category	3 A, Z, C
IEC 61482-1	under certification
Tear resistance	≥ 16 Mpa
Elongation of break	≥ 600 %
Permanent elongation	≤ 15 %
Test voltage (kV) AC Max. working voltage:	30
a. AC voltage	26.500 V
b. DC voltage	39.750 V

FEATURES

- › delivery in bags resistant to UV-light





APPLICATION

- › power supply and installation companies
- › electrical workshops in all branches of the industry
- › installation, maintenance and repair work involving high voltages

QUALITIES AND ADVANTAGES

- › electrical arc faultage test passed according to CENELEC ENV 50354 and IEC 61482-1
- › very good flexibility
- › very good sensitivity
- › good grip
- › low-protein natural latex with surface treatment for avoidance of allergies

Article no. Name	590 Electro P
Material	natural latex (NR), cotton
Description	seamless liner, cuff, fully coated, roughened
Length (mm) Thickness (mm)	345-375 max. 0,5+cotton
Colour Size	red 8, 9, 10, 11
according to the guideline 89/686/EWG	category III EN60903 △
Class Category	00 A, Z, C
IEC 61482-1	Class II
Tear resistance Elongation of break	≥ 16 Mpa ≥ 600 %
Permanent elongation	≤ 15 %
Test voltage (kV) AC Max. working voltage: a. AC voltage b. DC voltage	2,5 500 V 750 V



FEATURES

- › delivery in bags resistant to UV-light
- › seamless cotton liner



APPLICATION

- › power supply and installation companies
- › electrical workshops in all branches of the industry
- › installation, maintenance and repair work involving high voltages

QUALITIES AND ADVANTAGES

- › electrical arc faultage test passed according to CENELEC ENV 50354 and IEC 61482-1
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- › very good sensitivity
- › good grip
- › low-protein natural latex with surface treatment for avoidance of allergies

Article no. Name	591 Electro P
Material	natural latex (NR), cotton
Description	seamless liner, cuff, fully coated, roughened
Length (mm) Thickness (mm)	345-375 max. 1,0+cotton
Colour Size	red 8, 9, 10, 11
according to the guideline 89/686/EWG	category III EN60903 △
Class Category	0 A, Z, C
IEC 61482-1	Class II
Tear resistance Elongation of break	≥ 16 Mpa ≥ 600 %
Permanent elongation	≤ 15 %
Test voltage (kV) AC Max. working voltage: a. AC voltage b. DC voltage	5 1.000 V 1.500 V



FEATURES

- › delivery in bags resistant to UV-light
- › seamless cotton liner



PROTECTIVE FOOTWEAR



PROTECTIVE FOOTWEAR

FAQ

Q: What is the difference between the yellow/black Salisbury ASTM F2413-05 EH Footwear and the red/black ASTM Dielectric Footwear?

A: The yellow/black Salisbury ASTM F2413-05 EH Footwear are manufactured per the requirements of ASTM F2413-05 EH. Which means the outsole of these overshoes and boots have been tested to 20,000 volts to the electrical hazard requirements of ASTM F2413-05. Salisbury's red/black ASTM dielectric footwear conforms with ASTM F1117 and is 100% tested to the electrical hazard requirements of ASTM F1116 at 20,000 volts.

Q: What are the benefits of ASTM Dielectric Footwear?

A: ASTM Dielectric Footwear protects ground workers from step and touch potential in the whole work zone, not just one confined work area, like a grounding mat.

ASTM Dielectric Footwear can help reduce the amount of electrical workers in a work area since they are not confined.

ASTM DIELECTRIC FOOTWEAR DEEP HEEL OVERSHOES - 100% TESTED TO 20KV

ASTM DIELECTRIC FOOTWEAR provides extra safety when climbing ladders and poles where the deep heel cavity can lock onto the rungs. These boots and overshoes are 100% waterproof and made from premium grade ozone resistant rubber. The construction is hand-layered in full-cut patterns to fit over work boots. The fabric lining makes them easy to get on and off. The sole has a durable construction with a non-skid bar tread outsole.

All of Salisbury's ASTM Dielectric Footwear conforms with ASTM F1117 and is 100% tested to the electrical hazard requirements of ASTM F1116 at 20,000 volts.

ASTM Dielectric Footwear comes in four styles all with pole-climbing reinforcement patch. The **Overshoe** is available without buckles or with two buckles. The **Overboot** with adjustable side strap features a 14" height or a 17" height. The attached buckle and hardware is nonmetallic.

NEW Improved Overshoes-Salisbury now offers improved 51511 non-buckle overshoe and 51512 2-buckle overshoe. The improved overshoes include a bob sole with aggressive tread for better traction. The deep heel and improved arch are specially designed for climbing ladders comfortably. The wider opening allows for easier on/off.

Manufactured in the U.S.A.



BOB SOLE

Cat. No.	Description	Sizes in. (mm)	Weight pr. lbs. (kgs)
21405	17", 1 Buckle Overboot	Whole Sizes 7 - 17	5.8 (2.6)
21406	14" 1 Buckle Overboot	Whole Sizes 7 - 17	5.0 (2.3)
51508	Non-Buckle Overshoe	Whole Sizes 7 - 17	3.3 (1.5)
51509	2 Buckle Overshoe	Whole Sizes 7 - 17	4.4 (2)
51511	Bob Sole - Non-Buckle Overshoe	Whole Sizes 7 - 17	3.3 (1.5)
51512	Bob Sole - 2 Buckle Overshoe	Whole Sizes 7 - 17	4.4 (2)

ASTM F2413-05 EH FOOTWEAR DEEP HEEL OVERSHOES, OUTSOLE TESTED TO 20KV

ASTM F2413-05 EH DEEP HEEL OVERSHOES provide extra safety when climbing ladders and poles where the deep heel cavity can lock onto the rungs. These boots and overshoes are made from an ozone resistant yellow rubber that's 100% waterproof. The construction is hand-layered in full-cut patterns to fit over work boots. The fabric lining makes them easy get on and off. The sole is an anti-skid bar tread. The outsole of these overshoes and boots have been tested to 20,000 volts to the electrical hazard requirements of ASTM F2413-05.

ASTM F2413-05 EH Deep Heel Overshoes come in three styles all with pole-climbing reinforcement patch. The **Storm Rubber Overshoe** is available without buckles or with two buckles. The **Full-Cut Overshoe** with adjustable side strap features a 17" height.



Anti-Skid
Bar Tread

SERVUS

Cat. No.	Sizes	Description in. (mm)	Weight pr. lbs. (kgs)
21402	Whole Sizes 7-17	17" (432) Overshoe	5.8 (2.6)
51530	Whole Sizes 6-17	2-Buckle	4.4 (2)
51581	Whole & Half Sizes 7-12, Whole Sizes 5, 6, 13-17	Storm Rubber	3.3 (1.5)

ASTM F2413-05 EH FOOTWEAR
OVERSHOES, OUTSOLE TESTED TO 20KV

ASTM F2413-05 EH OVERSHOES are made from an ozone resistant yellow rubber. The construction is hand-layered in full-cut patterns to easily fit over work boots. These overshoes are 100% waterproof. The lining is fabric so they easily slip on and off. The sole is an anti-skid bar tread. The outsole of these overshoes and boots have been tested to 20,000 volts to the electrical hazard requirements of ASTM F2413-05.

ASTM F2413-05 EH Overshoes are available in two styles: a Storm Rubber Overshoe and an 11" 4-Buckle Arctic both with a pole-climbing reinforcement patch.



51824



Anti-Skid Bar Tread



31924



Cat. No.	Sizes	Description in. (mm)	Weight pr. lbs. (kgs)
31924	Whole Sizes 6-17	11" (279) 4-Buckle Arctic	4.6 (2.1)
51824	Whole & Half Sizes 7-12 Whole Sizes 13-17	Storm Rubber	3.25 (1.5)

ASTM F2413-05 EH FOOTWEAR
OVERSHOES, OUTSOLE TESTED TO 14KV

ASTM F2413-05 EH OVERSHOES are made from yellow ozone resistant rubber that's 100% waterproof. The construction is hand-layered in full-cut patterns to easily slip over work shoes. The lining is fabric so they easily slip on and off. The outsole of these overshoes and boots have been tested to 14,000 volts to the electrical hazard requirements of ASTM F2413-05.

ASTM F2413-05 EH Overshoes come in two styles. The Deep Heel Lineman's Storm Rubber has a diamond V-grip outsole and pole-climbing reinforcement patch. The 11" 4-Buckle has an anti-skid bar tread sole and heel.



Diamond V-grip Outsole



51510



Anti-Skid Bar Tread



31910



Cat. No.	Sizes	Description in. (mm)	Weight pr. lbs. (kgs)
31910	Whole Sizes 7-17	11" (279) 4-Buckle	3.8 (1.7)
51510	Whole & Half Sizes 6-12, Whole Sizes 13-17	Deep Heel Storm Rubber	3.1 (1.4)

ARC SUPPRESSION BLANKETS AND SWITCHBOARD MATTING

SHOCK PROTECTION

ARC SUPPRESSION BLANKET

The Arc Suppression Blanket is used as a barrier for protection from the explosive and incendiary effects of electrical arcs and flashes. These hazardous electrical discharges can be caused by faults in cables, in cable splices and joints, and at transformer terminals, or they may be generated by the operation of switch gear, circuit breakers and lightning arrestors. The blanket can be used for worker protection in underground vaults, switchyards, and other locations where electrical equipment poses a risk of exposure to explosive electrical discharges. NOT an Electrically Insulating Blanket.



CAUTION
BECAUSE OF THE UNPREDICTABILITY OF ELECTRICAL DISCHARGES, THE ARC SUPPRESSION BLANKET MAY NOT TOTALLY CONTAIN ARCS AND FLASHES, BUT ONLY REDUCE OR LIMIT EXPLOSIVE AND INCENDIARY EFFECTS. IN SUCH CASES, INJURIES MAY STILL OCCUR, EVEN WHEN THE BLANKET IS PROPERLY USED.



ARC45

ARC SUPPRESSION BLANKET

Cat. No.	Dimensions in. (mm)	Description
ARC45	48 x 60 (1219 x 1524)	w/ Canister
ARC48	48 x 96 (1219 x 2438)	w/ Canister
21655	48 x 60 (1219 x 1524)	Blanket Only
21656	48 x 96 (1219 x 2438)	Blanket Only

SWITCHBOARD MATTING

Switchboard Matting is placed permanently in front of switchgear, motor control centers and other high voltage apparatus to provide an additional level of protection for electrical workers. Made from high quality rubber, 1/4" (6.4mm) thick and tested to 20KV to comply with ASTM D178, Class 2 specifications. The corrugated surface acts as a safety tread while reducing the possibility of metal particles becoming embedded. Class 2, switchboard matting is made in 25 yard rolls which can be custom cut to specified lengths as per customer request. Class 4 is sold in full rolls only.

Class 2 Maximum Use Voltage: 17,000 VAC

Class 4 Maximum Use Voltage: 36,000 VAC

SWITCHBOARD MATTING

Cat. No.	Dimensions in. (mm)	Weight lbs. (kgs)
M24-2	1/4 x 24 (6 x 610)	9 (4.1)
M30-2	1/4 x 30 (6 x 762)	12 (5.4)
M36-2	1/4 x 36 (6 x 914)	15 (6.8)
M48-2	1/4 x 48 (6 x 1219)	18 (8.2)
M36-4*	1/2 x 36" x 60 feet long (12 x 914 mm x 18.3 m long)	684 (307.8)

All switchboard matting comply with current ASTM D178 standards

*Sold in full rolls only.



M36-2



Matting Cross Section

ROLL BLANKETS & INSULATING APRONS

Salisbury has gone to great lengths to protect workers from low voltage electrical hazards, by now offering insulating roll blankets and insulating aprons. Salisbury's insulating **Roll Blankets and Insulating Aprons** are made from a high strength fabric reinforced Type II rubber in unique colors making it easy to identify and highly visible in the work area. Salisbury's insulating Type II rubber Roll Blankets and Insulating Aprons, meet ASTM F2320 standards.

Salisbury's **Roll Blanket** line includes a Class 1 (7,500v) Clear PVC material that permits complete visibility, yet provides the necessary insulating properties meeting ASTM F1742 standards.



Roll Blankets can be easily cut to size and fit for customized applications to each job.

The **Roll Blankets** can be easily custom-cut to fit each application at the job site. This minimizes the number of different low voltage blankets sizes and shapes that would otherwise need to be carries from job to job. Each blanket comes in a convenient 36" wide roll, 30 feet in length.

All classes of Roll Blankets are easy to cut, and flexible to -40°F/C. Highly puncture and tear resistant, each class of blanket is also flame (self-extinguishing), oil, and ozone resistant.

The **Insulating Apron** includes two Nomex(R) webbed bib straps and two Nomex waist straps with nonmetallic buckles. All the straps are attached with reinforced stitching and Nomex thread. The insulating apron has straps that can be buckled around the back and around the neck which gives wearers a comfortable and supportive fit. The straps are adjustable so that one size will fit most wearers. The apron measures 42" from the top of the bib and has a full width of 30" to wrap around the front of most workers. Use these aprons where there is a possibility of accidental contact with energized equipment or lines. These products are not intended for purposeful contact with energized equipment.

Cat. No.	ASTM Class	Type	Size feet (m)	Color	Weight ea. lbs. (kgs)
ROLL BLANKETS					
RLB00	00	II	3' x 30' (.9 x 9)	Brown	20 (9)
RLB0	0	II	3' x 30' (.9 x 9)	Yellow	26 (11.8)
RLB1	1	II	3' x 30' (.9 x 9)	Yellow / Orange	36 (16.4)
RLBPVC1	1	-	3' x 30' (.9 x 9)	Clear	36 (16.4)
INSULATING APRONS					
APR00	00	II	One Size Fits Most	Brown	1.95 (.88)
APR0	0	II	One Size Fits Most	Yellow	2.53 (1.15)
APR1	1	II	One Size Fits Most	Yellow / Orange	3.5 (1.59)



RLB1



RLBPVC1



APR00

VOLTAGE DETECTORS



VOLTAGE DETECTORS

FAQ

- Q:** Are there any precautions, besides wearing the proper safety equipment, when using voltage detectors?
- A:** Do not assume conductors that have been tested de-energized will stay de-energized. Always install proper grounding devices before working. Failure to do so may result in serious injury or death.

THE SALISBURY ADVANTAGE

Salisbury's Self-Testing Voltage Detectors allow testing to be continuous and automatic. An intermittent flash and beep confirms the detector is functioning properly.

SELF-TESTING VOLTAGE DETECTORS are used to verify live or de-energized conductors. These testers may be used with rubber insulating gloves or hot sticks using the splined universal end fitting. Testers indicate the presence of voltage with an extra bright LED light and a distinctive audible signal. It is recommended that the tester be moved closer to the conductor until a warning is indicated, or it touches the conductor, apparatus, or elbow test point. Each tester requires three "C" batteries (included).



WARNING

Do not assume conductors that have been tested de-energized will stay de-energized. Always install proper grounding devices before working. Failure to do so may result in serious injury or death.

Cat. No.	Dimensions in. (mm)	Settings phase to phase	Weight ea. lbs. (kgs)
4544	11 x 3.5 (279.4 x 89)	Off / 240V / 4.2kV / 15kV/25kV/35kV/69kV/115kV/230kV	15oz. (.43)
4644	11 x 3.5 (279.4 x 89)	Off / 240V / 4.2kV / 35kV/69kV/115kV/230kV/345kV/500kV	15oz. (.43)
4744	11 x 3.5 (279.4 x 89)	Off / Test-240V / Battery / URD:15kV/25kV/35kV Overhead: 4.2kV / 15kV/25kV/35kV/46kV/69kV	15oz. (.43)

COMPLETE KIT

4556	1-4544 Tester 240V to 230kV, 1-4315 Case, 1-2500 Shotgun Adapter		2 (.91)
4667	1-4644 Tester 240V to 500kV, 1-4315 Case, 1-2500 Shotgun Adapter		2 (.91)
4769	1-4744 Tester 240V to 69kV, 1-4315 Case, 1-2500 Shotgun Adapter		2 (.91)
2500		Shotgun Adapter	.4 (.2)
4315	12 x 8 x 4.5 (305 x 203 x 114)	Storage Case	1 (.45)

VOLTAGE DETECTORS are used to verify live or de-energized conductors. These testers may be used with rubber insulating gloves or hot sticks using the splined universal end fitting. Testers indicate the presence of voltage with an extra bright LED light and a distinctive audible signal. It is recommended that the tester be moved closer to conductor until warning is indicated, or it touches conductor, apparatus, or test point. Test the unit on a nearby energized conductor. Each tester requires three "C" batteries (included).

The **4445 Voltage Detector Tester** provides the most convenient and reliable means of verifying operation of Salisbury Voltage Detectors. The tester features instant push-button operation and requires a standard 9-volt battery (included). It's portable and lightweight. To operate, push the button and move the tester toward the voltage detector being verified. The tester generates an electric field that activates the detector verifying the audible and visual signals are operational.



TEST PROCEDURES

Test Procedures
To assure unit is in operable condition switch tester into "Test-240V" position. The tester may now be tested in several different ways.

1. Place head as marked against live wire outlet or equivalent above 110V A.C.
2. Rub the head as marked on cloth or clothing to obtain static charge. Unit will only indicate intermittently.



WARNING

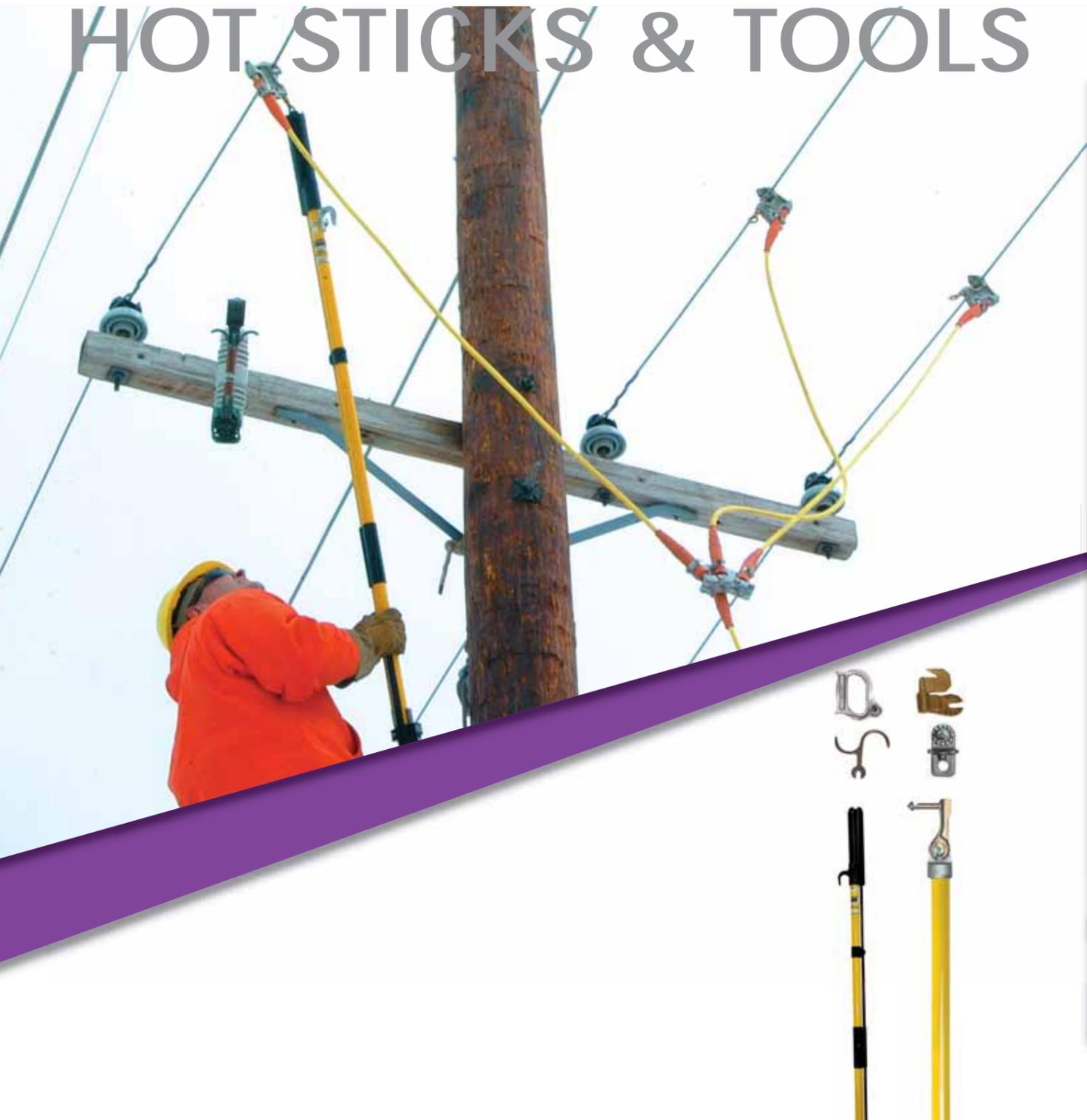
Do not assume conductors that have been tested de-energized will stay de-energized. Always install proper grounding devices before working. Failure to do so may result in serious injury or death.

Cat. No.	Dimensions in. (mm)	Settings phase to phase	Weight ea. lbs. (kgs)
4244	11 x 3.5 (279.4 x 89)	Off / 240V / 4.2kV / 15kV/25kV/35kV/69kV/115kV/230kV	15oz. (.43)
4344	11 x 3.5 (279.4 x 89)	Off / 240V / 4.2kV / 35kV/69kV/115kV/230kV/345kV/500kV	15oz. (.43)
4444	11 x 3.5 (279.4 x 89)	Off / Test-240V / Battery / URD:15kV/25kV/35kV Overhead: 4.2kV / 15kV/25kV/35kV/46kV/69kV	15oz. (.43)

COMPLETE KIT

4356	1-4244 Tester 240V to 230kV, 1-4315 Case, 1-2500 Shotgun Adapter		2 (.91)
4367	1-4344 Tester 240V to 500kV, 1-4315 Case, 1-2500 Shotgun Adapter		2 (.91)
4469	1-4444 Tester 240V to 69kV, 1-4315 Case, 1-2500 Shotgun Adapter		2 (.91)
2500		Shotgun Adapter	.4 (.2)
4315	12 x 8 x 4.5 (305 x 203 x 114)	Storage Case	1 (.45)
4445		Voltage Detector Tester	1 (.45)

HOT STICKS & TOOLS



HOT STICKS & TOOLS

FAQ

Q: Are rescue sticks required to be periodically electrically tested?

A: Yes, see OSHA 1910.269(j) for specific testing requirements.

NOTE

Don't see what you need here? **Salisbury** has an additional extended line of grounding equipment, hot sticks and tools available. Ask your local Salisbury by Honeywell representative for more information or visit whsalisbury.com for an online version of the full catalog of products.



There are a variety of Fiberglass Reinforced Plastic (FRP) constructions used for hot sticks. Included are foam filled tubular sticks used for all products requiring solid construction. All Salisbury fiberglass sticks meet ASTM F711 Standard Specifications for FRP and tube used in live line tools and IEC 855.

Foam filled hot sticks are manufactured using the pultrusion process. This method incorporate fiberglass reinforcement in a resin matrix which creates a moisture resistant laminate with excellent electrical and mechanical properties.

Hot stick production is 100% electrically proof tested. Hot Stick blanks must conform with ASTM F711 requirements.



Foam Filled Hot Stick

LIVE LINE WORK MINIMUM APPROACH DISTANCE

Nominal Voltage kV	Exposure Distance	
	Phase to Ground	Phase to Phase
.05 to 1	avoid contact	avoid contact
1.1 to 15	2-1 (.64)	2-2 (.66)
15.1 to 36	2-4 (.72)	2-7 (.77)
36.1 to 46	2-7 (.77)	2-10 (.85)
46.1 to 72.5	3-0 (.9)	3-6 (1.05)
72.6 to 121	3-2 (.95)	4-3 (1.29)
138 to 145	3-7 (1.09)	4-11 (1.5)
161 to 169	4-0 (1.22)	5-8 (1.71)
230 to 242	5-3 (1.59)	7-6 (2.27)
345 to 362	8-6 (2.59)	12.6 (3.8)
500 to 550	11-3 (3.42)	18-1 (5.5)
765 to 800	14-11 (4.53) 26-0 (7.91)	

- These distances take into consideration the highest switch surge an employee will be exposed to on any system with air as the insulating medium and the maximum voltage shown.

-The clear live-line total distances shall equal or exceed the values for the indicated voltage ranges.

Tough Thermoplastic head ferrule.
EZ Grip plastic hand grip.
Wide opening 15/16" (23.8mm)
stainless steel hook.
Heavy duty rubber end cap.

EXTERNAL ROD CLAMPSTICKS are constructed of closed cell foam-filled tubular fiberglass in accordance with ASTM standard F711. The hook's operating rod, made of solid 3/8" (9.5mm) dia. fiberglass, is mounted on the exterior of the tool so that it can be easily wiped down prior to use.

These Clampsticks meet ASTM F1825 Standards.

Cat. No.	Length		Weight ea.	
	Feet	Meters	lbs.	kgs
EXTERNAL ROD CLAMPSTICK				
4007	4' 8"	1.32	4.2	1.9
4008	5' 8"	1.62	4.6	2.1
4009	6' 8"	1.93	5.2	2.4
4010	8' 8"	2.54	6.2	2.8
4011	10' 8"	3.15	7.0	3.2
4012	12' 8"	3.76	7.7	3.5
4013	14' 8"	4.37	9.4	4.3

Add a "9864" suffix for a Switch Stick Head or a "9840" suffix for a Splined Universal Head. Clamp sticks may be ordered with these fittings attached to the end by adding the appropriate suffix to the catalog number.



Side Opening Hook



9840 Splined Universal Head



External Rod Clampstick

One, two, and three section hot sticks have a standard splined universal head. 1.25" dia. switch sticks are supplied with a #9971 Prong. A Heavy Duty Disconnect Prong #9969 is supplied on all others.



Cat. No.	Dimensions: Dia. x Length		Weight ea.	
	in x ft.	mm x m	lbs.	kgs
ONE SECTION				
4213	1.25 x 4	31.7 x 1.2	2.6	1.2
4214	1.25 x 6	31.7 x 1.8	3.4	1.5
4215	1.25 x 8	31.7 x 2.4	4.1	1.9
4216	1.25 x 10	31.7 x 3	4.9	2.2
4217	1.25 x 12	31.7 x 3.6	5.6	2.5
4218	1.25 x 14	31.7 x 4.3	6.4	2.9
4219	1.5 x 8	38.1 x 2.4	5.4	2.5
4220	1.5 x 10	38.1 x 3	6.5	3
4221	1.5 x 12	38.1 x 3.6	7.5	3.4
4222	1.5 x 14	38.1 x 4.3	8.6	3.9
4223	1.5 x 16	38.1 x 4.9	9.8	4.3
4225	1.5 x 20	38.1 x 6	11.7	5.3

TWO SECTIONS								
OAL Length		Top		Bottom		lbs.		kgs
ft.	m	in. x ft.	mm x m	in. x ft.	mm x m			
4036	8	2.4	1.25 x 4	31.7 x 1.2	1.25 x 4	31.7 x 1.2	4.2	1.9
4037	10	3	1.25 x 5	31.7 x 1.5	1.25 x 5	31.7 x 1.5	5.2	2.2
4038	12	3.6	1.25 x 6	31.7 x 1.8	1.5 x 6	38.1 x 1.8	6.9	3.1
4039	14	4.3	1.25 x 6	31.7 x 1.8	1.5 x 8	38.1 x 2.4	7.9	3.1
4040	16	4.9	1.25 x 8	31.7 x 2.4	1.5 x 8	38.1 x 2.4	8.6	3.9
4041	18	5.5	1.25 x 8	31.7 x 2.4	1.5 x 10	38.1 x 3	9.6	4.4
4042	20	6	1.25 x 10	31.7 x 3	1.5 x 10	38.1 x 3	10.4	4.7

THREE SECTION								
OAL Length		Top		Middle / Bottom		lbs.		kgs
ft.	m	in. x ft.	mm x m	in. x ft.	mm x m			
4043	12	3.6	1.25 x 4	31.7 x 1.2	1.5 x 4	38.1 x 1.2	7.7	3.5
4044	15	4.6	1.25 x 5	31.7 x 1.5	1.5 x 5	38.1 x 1.5	9.1	4.1
4045	18	5.5	1.25 x 6	31.7 x 1.8	1.5 x 6	38.1 x 1.8	10.5	4.7
4046	20	6	1.25 x 8	31.7 x 2.4	1.5 x 6	38.1 x 1.8	16.5	7.5
HEAD ONLY								
9840		1.25	31.7	Universal Head			0.2	0.1
9841		1.5	38.1	Universal Head			0.3	0.1

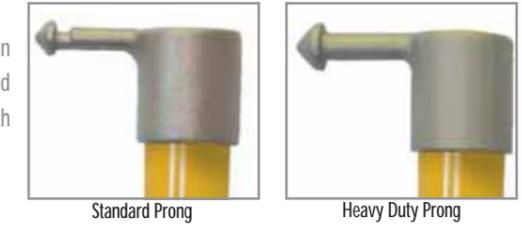


Universal Switch Stick



FRP Splices with Button

SWITCH STICKS use closed cell foam filled tubular fiberglass made in accordance with ASTM Standard F711. Both the standard head and the heavy duty prong disconnect are made of durable high strength aluminum bronze alloy.



Standard Prong

Heavy Duty Prong



Fiberglass Hot Switch Stick

Cat. No.	HD	Std	Prong	Dimensions: Dia. x Length		Weight ea.	
				in. x ft.	mm x m	lbs.	kgs
ONE SECTION							
9950		9933		1.25 x 4	31.7 x 1.2	2.1	1
9951		9934		1.25 x 6	31.7 x 1.8	2.9	1.3
9952		9935		1.25 x 8	31.7 x 2.4	3.6	1.6
9953		9936		1.25 x 10	31.7 x 3	4.4	2
9954		9937		1.25 x 12	31.7 x 3.6	5.1	2.3
9955		9938		1.25 x 14	31.7 x 4.3	5.9	2.7
9956		9939		1.5 x 8	38.1 x 2.4	5	2.3
9957		9940		1.5 x 10	38.1 x 3	6	2.7
9958		9941		1.5 x 12	38.1 x 3.6	7	3.2
9959		9942		1.5 x 14	38.1 x 4.3	8.1	3.7
9960		9943		1.5 x 16	38.1 x 4.9	9.1	4.1
9961		9944		1.5 x 18	38.1 x 5.5	10.2	4.6
9962		9945		1.5 x 20	38.1 x 6	11.2	5.1

TWO SECTION									
OAL Length		Top		Bottom		lbs.		kgs	
ft.	m	in. x ft.	mm x m	in. x ft.	mm x m				
4024	-	8	2.4	1.25 x 4	31.7 x 1.2	1.25 x 4	31.7 x 1.2	3.8	1.7
4025	-	10	3	1.25 x 5	31.7 x 1.5	1.25 x 5	31.7 x 1.5	4.6	2.1
4026	4016	12	3.6	1.25 x 6	31.7 x 1.8	1.25 x 6	31.7 x 1.8	5.3	2.4
-	4017	14	4.3	1.25 x 7	31.7 x 2.1	1.25 x 7	31.7 x 2.1	6.1	2.7
4028	4018	16	4.9	1.25 x 8	31.7 x 2.4	1.5 x 8	38.1 x 2.4	8	3.6
4029	-	18	5.5	1.25 x 8	31.7 x 2.4	1.5 x 10	38.1 x 3	9.5	4.3
4030	-	20	6	1.25 x 10	31.7 x 3	1.5 x 10	38.1 x 3	10.3	4.6

THREE SECTION									
OAL Length		Top		Middle / Bottom		lbs.		kgs	
ft.	m	in. x ft.	mm x m	in. x ft.	mm x m				
4033	-	18	5.5	1.25 x 6	31.7 x 1.8	1.5 x 6	38.1 x 1.8	10.4	4.7
4034	4035	20	2	1.25 x 8	31.7 x 2.4	1.5 x 6	38.1 x 1.8	11.1	5
HEAD ONLY									
-	9864		1.25	31.7	Universal Head		0.4	0.2	
9861	-		1.5	38.1	Universal Head		0.5	0.2	

UNIVERSAL SWITCH STICKS & ACCESSORIES

DOUBLE ENDED & TIE HEADS



FRP SLEEVE SPLICES are fiberglass reinforced plastic with spring loaded push buttons. They sectionize long sticks for easy storage. For splice stick assemblies other than those listed in the catalog consult the factory for quotations.

SPLICE GUARDS reduce the damage to the end of spliced sticks when working with only the top sections.



Cat. No.	Dimensions		Weight ea.	
	in.	mm	lbs.	kgs
FRP SLEEVE SPLICES				
9898	1.25 to 1.25	31.7 to 31.7	0.4	0.2
9897	1.5 to 1.25	38.1 to 31.7	0.8	0.4
9899	1.5 to 1.5	38.1 to 38.1	0.9	0.4
SPLICE GUARD CAP				
4182	1.25 I.D.	31.7 I.D.	0.2	0.1

These foam filled FRP Hot Sticks are manufactured using a pultrusion process that results in a product with extremely high electrical and mechanical qualities.



Cat. No.		Dimensions: Dia. x Length		Weight ea.	
		in. x ft.	mm x m	lbs.	kgs
DOUBLE ENDED UNIVERSAL					
4230		1.25 x 6	31.7 x 1.8	3.3	1.5
4231		1.25 x 8	31.7 x 2.4	4	1.8
4232		1.25 x 10	31.7 x 3	4.8	2.2
4233		1.25 x 12	31.7 x 3.6	5.5	2.5
4234		1.25 x 14	31.7 x 4.3	6.3	2.8
UNIVERSAL w/ Rotary Prong or Blade					
4084	Rotary Prong	1.25 x 6	31.7 x 1.8	3.8	1.7
4085	Rotary Prong	1.25 x 8	31.7 x 2.4	4.5	2
UNIVERSAL w/ Double Prong					
4088		1.25 x 6	31.7 x 1.8	3.8	1.7
4089		1.25 x 8	31.7 x 2.4	4.5	2



Double Ended Universal Switch Stick

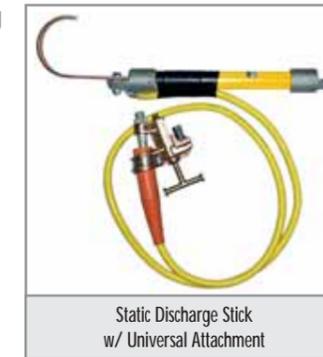
RESCUE HOOK, STATIC DISCHARGE STICK

SALISBURY INSULATED RESCUE HOOK is an invaluable tool for any workplace used to withdraw an injured worker out of a hazardous area. Confined spaces, in vaults, or just near electrical cabinets and switch gear are some of the places where this tool is a must. Featuring a foam filled, fiberglass reinforced handle for superior electrical insulation and a coated heat treated body hook with an 18" opening. The stick is available in the standard lengths of 6 and 8-foot lengths. Other lengths are available as a special order. Contact us with your requirements. Handle meets the requirements of ASTM F711.

THE STATIC DISCHARGE STICK is designed to safely remove the static charge after de-energizing. This tool is pre-assembled and includes a copper "U" hook, 3'6" closed cell foam filled tubular fiberglass stick and 6' of copper grounding cable attached to a Salisbury 1814 bronze flat jaw serrated grade 3 clamp. Also available in a 1' length stick.



WARNING: Discharge sticks are not grounding tools as described by OSHA 1910.269 and carry no fault duty rating.



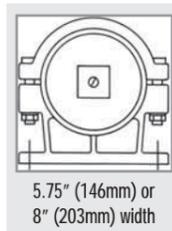
Cat. No.	Dimensions		Weight ea.	
	in.	mm	lbs.	kgs
INSULATED RESCUE HOOK				
24400	Rescue Hook 3' (0.9 m) length		3.4	(1.5)
24401	Rescue Hook 6' (1.8 m) length		4.5	(2)
24403	Rescue Hook 8' (2.4 m) length		5.5	(2.5)
STATIC DISCHARGE STICK				
20817	Static Discharge Stick OAL 3'8" (1.08m) length		8	(3.6)
22629	Static Discharge Stick w/ Universal Attachment 1' (0.3m) length		.38	(0.17)

STORAGE FOR HOT STICKS & TOOLS

SALCOR® TOOL HOLDERS secure tools to trailers, compartments and tool rooms. 12 per package.

Cat. No.	Description	lbs. (kgs)
1192	1.25 (32mm) I.D. Tool Holder	3.5 (1.6)

TUBULAR PVC STORAGE CONTAINERS provide weather tight storage. Kit includes two mounting brackets and four steel bolts with each 6" (152mm) I.D. or 4.1" (104mm) tube. Sized for tools 12" (305mm) shorter than tube. Four mounting bolts 3/8" x 1.5" (9.5 x 38mm) are supplied with each container.



Kit may be ordered without tubing, or with mounting brackets only.

Cat. No.	Description/Dimensions in. (mm)	lbs. (kgs)
9822	Kit for 6" (152) I.D. 6.6" (168) O.D. tube	8 (3.5)
9823	Kit for 4.1" (104) I.D. 4.5" (114) O.D. tube	6 (2.7)

HOT STICK BAGS are constructed of heavy vinyl with double stitched seams. Flaps snap closed. 6" (152mm) wide and designed to hold sticks up to 4" (102mm) shorter than bag length shown on chart.



Hot Stick Bag



Cat. No.	Length Feet	meters	Weight ea. lbs. (kgs)
Hot Stick Bags			
4297	5	1.5	.7 (.3)
4298	6	1.8	.8 (.3)
4299	6' 4"	1.9	.9 (.4)
4300	7	2	1 (.4)
4301	8' 4"	2.5	1.1 (.5)
4302	9	2.7	1.2 (.5)
4303	10' 4"	3	1.4 (.6)
4" I.D. Tubular PVC Storage Kit			
4155	7	2.13	17 (7.7)
4156	9	2.74	20 (9)
6" I.D. Tubular PVC Storage Kit			
4167	6	1.82	20 (9)
4168	7	2.13	22 (10)
4169	9	2.74	26 (11.7)

UNIVERSAL FITTINGS

Universal Fittings, constructed of bronze or aluminum, can be installed on universal sticks or clamp sticks by using the 2500 shotgun adaptor.

2500 Shotgun Adaptor .4 lbs (.2 kgs)	4236 Tree / Wire Hook .36 lbs (.2kgs)	9878 Pig Tail Disconnect .4 lbs (.2 kgs)
9838 Chuck Blank Inside Depth: 1/2" x 1 1/2" (13 x 38mm) .4 lbs (.2 kgs)	9971 Light Duty Cutout Prong .4 lbs (.2 kgs)	9969 Heavy Duty Disconnect Head .6 lbs (.3 kgs)
9970 Prong Disconnect .4 lbs (.2 kgs)	4099 Rotary Prong Tie Head .6 lbs (.27 kgs)	4100 Rotary Blade Tie Head .7 lbs (.3 kgs)
9839 Pointed Disconnect .4 lbs (.2 kgs)	4101 Double Prong Tie Head .5 lbs (.22 kgs)	4102 Fixed Blade Tie Head .5 lbs (.22 kgs)

UNIVERSAL FITTINGS

HYDRAULIC CABLE SPIKE



4108 Tubular Line Cleaner
1.3 lbs (.6 kgs)
4109 Replacement Brush
.5 lbs (.22 kgs)



4111 "V" Line Cleaner
1.3 lbs (.6 kgs)
4113 Replacement Brushes
Carton of ten
3 lbs (1.4 kgs)



4106 Curved Blade Skinning Knife
.4 lbs (.2 kgs)
4107 Replacement Blade
.1 lbs (.05 kgs)



4105 Tree Pruner
Mounted on 12' (3.6m) fiberglass pole,
complete with 25' (7.62m) of line
.4 lbs (.2 kgs)



4103 Handle for pruning saw
.5 lbs (.22 kgs)



4104 Pruning Saw w/ 18" (457mm) blade
.5 lbs (.22 kgs)



9834 Clamp Stick Head
1.4 lbs (.6 kgs)



UST Universal System Tool
Blanket Pin
1 lb (.45 kgs)



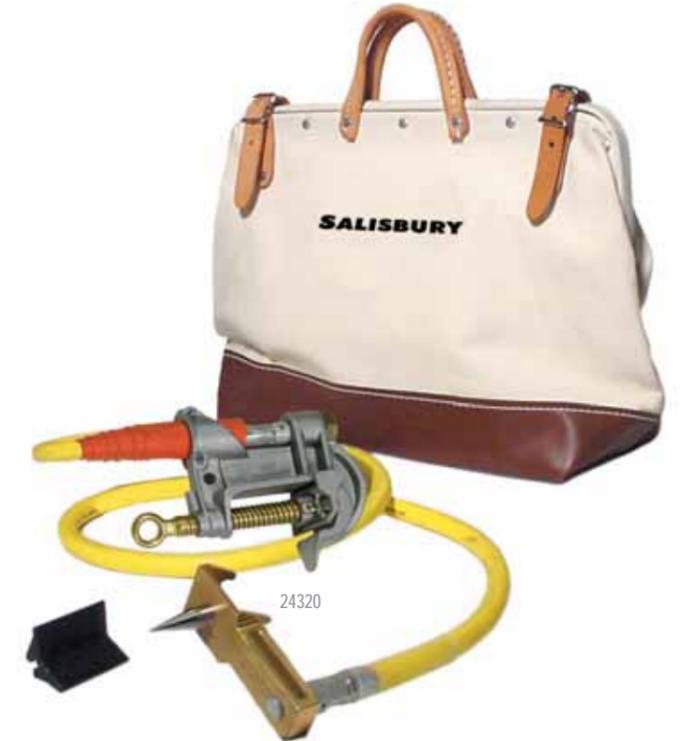
4114 Flex Head Socket Wrench
1.2 lbs (.5 kgs)



4115 Ratchet Wrench
1/2" (12.7 mm) sq. drive
.5 lbs (.22 kgs)

The **HYDRAULIC CABLE SPIKE** is designed to verify underground cable, up to 1000MCM, is de-energized before cutting, repairing, splicing or replacing.

The cable spike, a solid brass body with a stainless steel piercing tip, is fitted to hydraulic compression tools so that the cable can be accurately spiked from a safe distance. An anodized aluminum insert is included to position the cable precisely.



WARNING: ELECTRIC SHOCK HAZARD

This tool is not insulated. Use only certified, non-conductive hoses, dielectric fluids, and proper personal protective equipment when using this unit. Failure to do so could result in severe injury or death.

Improves Control, Accuracy and Safety Saves Time

Remote Controlled

Adapter fits the following tools:

Huskie EP610H

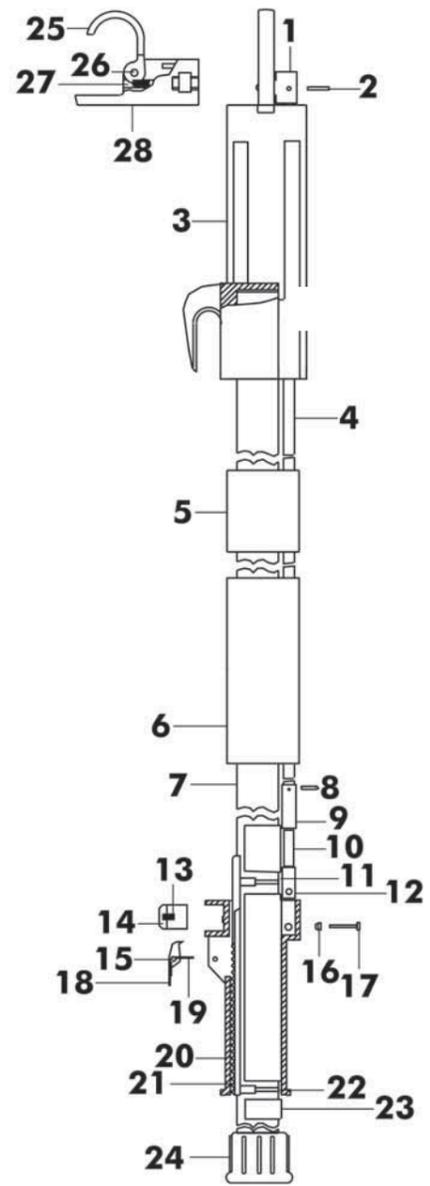
Burndy Y46

Brock 13-H

Cat. No.	Cable Length ft (m)	Description	Weight ea. lbs. (kgs)
24320	6 (1.8)	Spiking Tool & Grounding Assembly: Cable Spiking Tool & Insert	9.5 (4.3)
24321	8 (2.4)	388 C Clamp 2139 4/0 Cu Cable	11.2 (5.1)
24322	10 (3)	2025 4/0 Cu Ferrules (Pair) 616 Bag US Patent # 544 7450	12.9 (5.86)
RPT1		Replacement Piercing Tip	1 oz (28 g)

Ref. No.	Cat. No.	Description
1	20178	Guide Assembly
2	20260	Roll Pin .125" Dia. x .5" Lg. (3.2 x 13mm)
3	20174	Ferrule
4*	20265-1	Operating Rod
5*	20381	Operating Rod Guide
6	20250	Handguard Sleeve
7	20114	Hot Stick Blank 1.25" Dia. (32mm)
8	20262	Roll Pin .125 Dia. x .56 Lg. (3.2 x 14mm)
9	20251	Operating Rod Connector
10	20258	Hex Socket Set Screw .375-16 x 1.25
11	20257	Flat Head Screw 10-32 x 1.125 Lg. (254-813 x 29)
12	20253	Adjustment Block
13	20254	Compression Spring
14	20139	Button
15	20263	Roll Pin .125 Dia. x .75 Lg. (3.2 x 19)
16	20445	10-32 Hex Jam Nut
17	20443	Hex Head Machine Screw 10-32 x 1.25
18	20140	Trigger
19	20255	Torsion Spring
20	20141	Handgrip
21	20142	Rack for Handgrip
22	20257	Flat Head Screw 10-32 x 1.125 Lg. (254-813 x 29)
23	20252	Handgrip Sleeve
24	1959	End Cap
25	20176	Jaw Hook
26	20332	Roll Pin .25 Dia. x .47 Lg. (6 x 12)
27	20470	Hook Spring
28	20177	Hook Holder

Assembly No.	Description	Consist of Parts
4317	Hook Assembly	28, 29, 30, 31



◀ **SALISBURY INSULATED PRODUCTS - INSULATED HAND TOOLS**
Every insulated hand tool is rated for exposure up to 1000VAC and dielectrically tested at 10,000VAC. These tools meet or exceed current ASTM F1505-07 and IEC 900 Standards for Insulated Hand Tools. These tools will help you to be compliant with OSHA 29 CFR 1910 Subpart S, and NFPA 70E.

The insulating material used is impact resistant and flame retardant. Two-color insulation makes inspection easier which adds to the overall safety. If the yellow under layer is showing, the tool may no longer be insulated properly and should be considered for electrical retesting.

◀ **1000V ELECTRICAL INSULATED TOOL KIT FOR HYBRID VEHICLES**
Are you ready? Do you have the necessary tools to guard against the dangers of electrocution from hybrid-electric vehicles?

Mechanics and firefighters should be cautious when working on hybrid vehicles because hybrid vehicles use a combination of a gasoline motor and a high-voltage electric motor. The electric motor operates on voltages as high as 500 volts, that's more than eight times the lethal voltage. Be ready for anything. Don't be caught worrying about the "what ifs" while working on these vehicles.

◀ **1000V UTILITY INSULATED HAND TOOL KITS**
Salisbury makes working in the field even easier with these three Utility Tool Kits.

Salisbury now offers three specially designed Utility Insulated Hand Tool Kits. These convenient tool kits include everything you need for routine utility applications. Salisbury is proud to offer a 24 piece Substation Tool Kit, a 16 piece Meter Tool Kit, and a 15 piece Lineman's Secondary Distribution Tool Kit. Each kit includes easy storage tool rolls and lightweight tool box.

Cat. No.	Description
TK24SS	Substation Kit; 24 Pieces: (5) 3/8" - 3/4" Box Wrenches, (5) 3/8" - 3/4" Ratcheting Box Wrenches, (5) 3/8" - 3/4" Std. Sockets, 3/8" Ratchet with 3" & 6" Extension, #1 x 3", #2 x 6", #3 x 6" Phillips Screwdrivers, Skinning Knife, (2) Tool Rolls and Sturdy Tool Box
TK16MT	Meter Kit; 16 Pieces: 9" Lineman's Plier, 7" Diagonal Cutters, 8" Long Nose Pliers, 5/16", 3/8", 1/2" Nut Drivers, #1 x 3", #2 x 4", #3 x 6" Phillips Screwdrivers, 1/8" x 2", 1/4" x 6", 3/16" x 4", 3/16" x 6" Slotted Screwdrivers, Fuse Puler, (2) Tool Rolls and Sturdy Tool Box
TK15LM	Lineman's Secondary Distribution Tool Kit; 15 Pieces: (9) 7/16" - 15/16" Ratcheting Box Wrenches, Skinning Knife, 3/8" x 12" Slotted Screwdriver, 30" Bolt Cutter, 12" "V" Groove Pliers, 9" Spring Loaded Lineman's Pliers, 10" Adj. Wrench, (2) Tool Rolls and Sturdy Tool Box

SALISBURY INSULATED PRODUCTS (SIP) INSULATED HAND TOOLS SHOCK PROTECTION

► SALISBURY INSULATED PRODUCTS - INSULATED HAND TOOLS

Every insulated hand tool is rated for exposure up to 1000VAC and dielectrically tested at 10,000VAC. These tools meet or exceed current ASTM F1505-07 and IEC 900 Standards for Insulated Hand Tools. These tools will help you to be compliant with OSHA 29 CFR 1910 Subpart S, and NFPA 70E.

TO FULLY COMPLY WITH OSHA 1910.333 (C)(2) AND NFPA 70E, INSULATED HAND TOOLS MUST BE USED. A COMPLETE INSULATED TOOL PROGRAM SHOULD BE IN PLACE TO MEET THESE STANDARDS.

The insulating material used is impact resistant and flame retardant. Two-color insulation makes inspection easier which adds to the overall safety. If the yellow under layer is showing, the tool may no longer be insulated properly and should be considered for electrical retesting.

Meets IEC 900 Standard for Insulated Hand Tools

Exceed current ASTM F1505-07 Standards for Insulated Hand Tools

Helps Meet OSHA Requirements

Meets NFPA 70E Requirements

Tested to 10,000 VAC and Rated for 1,000 VAC Maximum Exposure

Impact Resistant & Flame Retardant Two-Color Insulating Material



**MADE IN U.S.A.
OFFERING OVER 2,000 TOOLS!**

See our Salisbury Insulated Products (SIP) Catalog for more insulated tool information and products.



SALISBURY INSULATED PRODUCTS

Cat. No.	Description
TK9	Basic Electrician's Roll 9PCS. INCLUDES: 3/16 X 4", 3/16 X 6", 1/4 X 6" SLOTTED SCREWDRIVERS; #1 X 3", #2 X 4" PHILLIPS SCREWDRIVER; 7" NEEDLE NOSE PLIER; 7-1/2" DIAGONAL CUTTING PLIER; 9" LINESMAN'S PLIER; AND COMBINATION STRIPPER / CRIMPER PLIER. IN A ROLL.
TK30	Deluxe Maintenance Tool Kit 30PCS. INCLUDES: 1/8 X 2", 3/16 X 4", 1/4 X 6" SLOTTED SCREWDRIVERS; #1 X 3", #2 X 4" PHILLIPS SCREWDRIVER; TORQUE WRENCH 30 - 150 IN/LB; REVERSIBLE RATCHET 3/8"DRIVE; 3" AND 6" EXTENSIONS 3/8"DRIVE; 8PCS 3/8" TO 13/16" DEEP SOCKET SET 3/8"DRIVE 12 POINT; BOX END WRENCH SET 8PCS 3/8" TO 13/16"; 7-1/2" DIAGONAL CUTTING PLIER; 8" NEEDLE NOSE PLIER; 9" LINESMAN'S PLIER; AND MINI FLASHLIGHT. IN A PLASTIC BOX.
TK30ETK	Electrician's Tool Kit 30PCS. INCLUDES: 9" LINESMAN'S PLIER; 8" HD SLIP JOINT PLIER WITH CUTTING SHEAR; CRIMPING TOOL; 10" TONGUE AND GROOVE PLIER (WATERPUMP); SLOTTED SCREWDRIVERS: 3/16" X 4", 1/4" X 4", 1/4" X 6", 5/16" X 6", 3/8" X 8", 3/16" X 6"; PHILLIPS SCREWDRIVERS: #1 X 3", #2 X 4"; NUT DRIVERS: 1/4" X 3", 5/16" X 3", 3/8" X 3", 7/16" X 3", 1/2" X 3", 3/16" X 3", 11/32" X 3"; 8" LONG NEEDLE NOSE PLIER WITH SIDE CUTTER; 7" BOX JOINT CUTTING PLIER; 9-1/2" PLIER CUTTING PLIER; 12" TONG AND GROOVE (WATERPUMP); 6" FLAT NOSE PLIER; LONG ARM, TYPE "T" HEX WRENCHES: 3/16" 6", 1/4" 6", 5/16" 6", 3/8" 6", 7/16" 6", 1/2" 6"; IN A PLASTIC BOX
TK60	Hot Box Tool Kit 60 PCS. INCLUDES: 1/8 X 2", 3/16 X 4", 3/16 X 6", 1/4 X 6", 5/16 X 6" SLOTTED SCREWDRIVERS; #2 X 4", #2 X 8" PHILLIPS SCREWDRIVER; 3/16, 1/4, 5/16, 11/32, 3/8, 7/16, 1/2 NUTDRIVERS 6" LONG; TORQUE WRENCH 30 - 150 IN/LB; REVERSIBLE RATCHET 3/8"DR, 3" AND 6" EXTENSIONS 3/8"DR, 10PCS 5/16" TO 7/8" 3/8"DR SOCKET SET; BOX END WRENCH SET 11PCS 3/8" TO 1"; HEX WRENCH TYPE "L" SET 14PCS 1/16" TO 1/2" 6" LONG ARM; 7-1/2" DIAGONAL CUTTING PLIER, 8" NEEDLE NOSE PLIER, 9" LINESMAN'S PLIER, 9-1/2" CABLE CUTTING PLIER, 10" WATER PUMP PLIER, AND COMBINATION STRIPPER / CRIMPER PLIER. IN A PLASTIC BOX, INCLUDING TOOL ROLLS.
TK60E	Hot Box Tool Kit Without Torque Wrench 59 PCS. INCLUDES: Everything found in TK60 (above) except TORQUE WRENCH 30 - 150 IN/LB;



WARNING: SALISBURY INSULATED TOOLS ARE TO BE USED AS SECONDARY PROTECTION AND ARE NOT INTENDED TO BE USED IN PLACE OF OTHER PERSONAL PROTECTIVE EQUIPMENT. WHENEVER POSSIBLE, ALWAYS DE-ENERGIZE LINES BEFORE WORKING ON OR AROUND THEM. ALTHOUGH THE INSULATION ON SALISBURY TOOLS IS IMPACT RESISTANT AND FLAME RETARDANT, EACH TOOL SHOULD BE INSPECTED PRIOR TO EACH USE FOR CRACKS, CUTS, OR OTHER DAMAGE. SHOULD THE YELLOW INSULATION BECOME VISIBLE THROUGH THE ORANGE OUTER LAYER, DISCONTINUE USE IMMEDIATELY

CANVAS BUCKETS AND BAGS



SALISBURY TOOL BUCKETS are constructed of extra-heavy-duty canvas duck and reinforced with a one-piece formed leather bottom with a 3" (76mm) cuff for rugged service and long life. The standard tool buckets, 30 and 40, are both collapsible for easy storage and feature a poly braid rope handle. The 30 features a 6" x 8" interior pocket. The oval tool bucket, 50, designed to attach to aerial baskets, features 6 inner tool pockets and two plastic hanging hooks.

SALISBURY TOOL BAGS are useful for carrying and storing all sorts of equipment and tools. Constructed for long life and rugged service from one piece of #8 natural canvas fastened to a steel frame. The vinyl coated nylon bottom is cemented and double stitched to the bag and protected with steel studs and a reinforcing 3.5" (89mm) cuff. Handles are made from a heavy polypropylene webbing and straps are made of top grain harness leather.

LINE HOSE AND BLANKET BAGS are convenient for raising and lowering bulky items up and down a pole, as well as for storage. Constructed of #6 duck, sewn with nylon thread, and reinforced with a heavy rubber bottom. Features a top ring to hold the bag open and a strong 1/2" (12.7mm) poly braid rope handle, reinforced with polymer. 8" (178mm) diameter bags are used for conventional style line hose, while the 12" (305mm) diameter bags were designed for Class 4 extended lip line hose.

Cat. No.	Dimensions in. (mm)	Weight ea. lbs. (kgs)
Standard Tool Buckets		
30*	12 x 16 (305 x 406)	3.2 (1.45)
40*	8 x 14 (203 x 356)	2 (.91)
Oval Tool Bucket		
50C*	7x14x10 (1715x356x254)	2.5 (1.14)
PH55	yellow vinyl hooks for #50	.5 (.23)
Standard Tool Bags- 5.5" (140mm) wide		
616	16 x 13.5 (406 x 343)	3.3 (1.5)
618	18 x 15.5 (457 x 394)	3.8 (1.73)
620	20 x 15.5 (508 x 394)	4.2 (1.91)
622	22 x 15.5 (559 x 394)	4.3 (1.95)
624	24 x 15.5 (610 x 394)	4.5 (2.04)
Extra Wide Tool Bags-9.5" (241mm) wide		
2419B	24 x 19 (610 x 483)	4.1 (1.86)
Line Hose Bags		
48*	8 x 48 (178 x 1219)	2.8 (1.27)
60*	8 x 60 (178 x 1524)	3.0 (1.36)
66*	8 x 66 (178 x 1676)	3.3 (1.5)
72*	8 x 72 (178 x 1829)	3.5 (1.59)
1248*	12 x 48 (305 x 1219)	3.8 (1.73)
1266*	12 x 66 (305 x 1676)	5.3 (2.41)
Blanket Bag		
1230	12 x 30 (305 x 762)	3.2 (1.45)

*add suffix "S" if optional iron swivel snap is desired

LOCKOUTS & TAGOUTS

NORTH
by Honeywell



NORTH North Safety Products
by Honeywell

North Safety Products is the most diversified manufacturer of Safety and Personal Protective Equipment (PPE) in the world, with thirteen complete product lines, manufactured in ISO 9000 certified plants throughout the world and employing over 3,000 people.

North works closely with distributors and end users alike through innovative product design, quality manufacturing, solid marketing, training and support to our customers. Our goal is to enhance worker safety, improve productivity, and create confidence on the job and in the market place.

LOCKOUT / TAGOUT

The North V-SAFE, B-SAFE and M-SAFE products are world renowned as innovative products for Lockout/Tagout. The key to any great product is that it is easy to use, complies to standards, performs the task to expectations, and is cost effective. The North Lockout/Tagout products all qualify!

Lockout/Tagout is a very serious issue for all maintenance and production departments. Many fatalities and injuries occur when there is an uncontrolled release of energy from chemicals or gases in pipes or from the moving and engaging of machinery. This can happen while they are being maintained or serviced, in most cases by groups of individuals or trades people.

North has one of the most complete lines of Lockout/Tagout products including wall stations and portable kits, all with North tags and most contain our revolutionary M-SAFE dielectric hasps. All North Lockout/Tagout products are designed for compliance and worker safety... an active part of our ongoing commitment to quality, innovation and the enhancement of safety in the workplace.



HEAD PROTECTION



EYE & FACE PROTECTION



HEARING PROTECTION



RESPIRATORY PROTECTION



HAND PROTECTION



TRAFFIC SAFETY PRODUCTS



PROTECTIVE CLOTHING



FIRST AID PRODUCTS



SIGNS AND LOCKOUTS



FALL PROTECTION



CONTROLLED ENVIRONMENT PRODUCTS



PROTECTIVE FOOTWEAR



CONSUMER PRODUCTS

Affiliated Companies



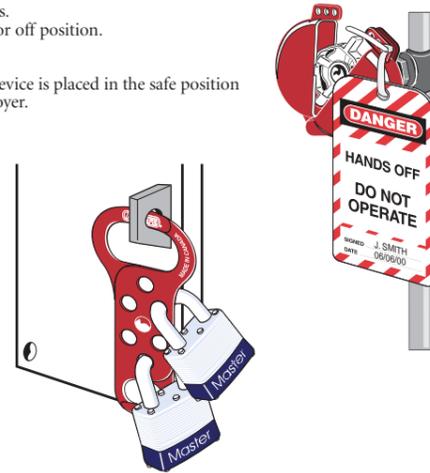


INTRODUCTION

Most industrial accidents are caused by the unexpected energization or start up of machines or equipment or by the uncontrolled release of energy. Many of these accidents can be prevented by proper LOCKOUT / TAGOUT procedures. OSHA's LOCKOUT / TAGOUT standard, 29 CFR & 1910.147 & 1910.269 are designed to prevent needless deaths and serious injuries to service and maintenance personnel by controlling unauthorized or accidental use of energy. To perform service and maintenance work on industrial equipment safely, you must understand the importance of energy control and OSHA's LOCKOUT / TAGOUT standard. You must also know how to apply energy isolation and LOCKOUT / TAGOUT.

WHAT IS LOCKOUT / TAGOUT?

- A LOCKOUT is a method of keeping equipment from being set in motion and endangering workers.
- A disconnect switch, circuit breaker, valve or other energy isolation mechanism is put in the safe or off position.
 - A device is often placed over the energy-isolating mechanism to hold it in the safe position. This is where NORTH LOCKOUT / TAGOUT products are essential
 - A lock is attached so that the equipment can't be energized. In a TAGOUT, the energy-isolating device is placed in the safe position and a written warning is attached to it. All lockout and tagout materials are supplied by the employer.
- Each device must be:
- Durable, to withstand wear.
 - Substantial, so it won't come off easily.
 - Capable of identifying the person who applied it.
- Many companies issue each worker authorized to apply LOCKOUT / TAGOUT their own personal lock imprinted with his name.



WHEN SHOULD YOU LOCKOUT / TAGOUT?

- LOCKOUT / TAGOUT is necessary whenever you are performing service or maintenance in proximity to a machine where you could be injured by:
- Unexpected start up of the equipment.
 - Release of stored energy.
- Two situations are most likely to need LOCKOUT / TAGOUT:
- When you must remove or bypass a guard or other safety device.
 - When you must place any part of your body where you could be caught by moving machinery.
- Some jobs for which LOCKOUT / TAGOUT should be used are:
- Repairing electrical circuits.
 - Cleaning or oiling machinery with moving parts.
 - Clearing jammed mechanisms.
- OSHA lets each employer use LOCKOUT / TAGOUT or both. It's your responsibility to follow whichever system has been chosen for your workplace. Locks and Tags by themselves do not de-energize equipment. Attach them only after the machinery has been isolated from its energy sources.

APPLYING LOCKOUT / TAGOUT

- Energy isolation and LOCKOUT / TAGOUT are to be applied only by trained employees authorized to perform service or maintenance.
- Before LOCKOUT / TAGOUT is applied, all employees who work in the affected area must be notified.
- OSHA requires that control of hazardous energy be done according to a six-step procedure.

1 PREPARATION FOR SHUTDOWN

- Before you turn off any equipment in order to lock or tag it out, you must know:
- The types and amounts of energy that power it.
 - The hazards of that energy.
 - How the energy can be controlled.

2 EQUIPMENT SHUTDOWN

- Shut the system down by using its operating controls.
- Follow whatever procedure is applicable for the equipment, so that you don't endanger anyone during shutdown.

3 EQUIPMENT ISOLATION

- Install all energy-isolating devices so that the equipment is isolated from its energy sources.
- Be sure to isolate all energy sources and secondary power supplies as well as the main one.
- Never pull an electrical switch while it is under load.
- Never remove a fuse instead of disconnecting the energy or power.

4 APPLICATION OF LOCKOUT / TAGOUT DEVICES

- All energy-isolating devices are to be locked, tagged or both according to your company LOCKOUT / TAGOUT procedures.
- Only the standardized devices supplied by your employer are to be used for LOCKOUT / TAGOUT, and they are not to be used for anything else.
- Use a LOCKOUT device if your lock cannot be placed directly on the energy control.
- When LOCKOUT is used, every employee can lock out a single energy-isolating device by using a multiple-lock hasp.
- For big jobs, a LOCKOUT box can be used to maintain control over a large number of padlocks and keys.
- If tags are used instead of locks, attach them at the same point as you would a lock, or as close to it as possible.
- Fill tags out completely and correctly.

5 CONTROL OF STORED ENERGY

- Take any of the following steps that are necessary to guard against energy left in the equipment after it has been isolated from its energy sources.
- Inspect the system to make sure all parts have stopped moving.
 - Install ground wires.
 - Relieve trapped pressure.
 - Release the tension on springs, or block the movement of spring-driven parts.
 - Block or brace parts that could fall because of gravity.
 - Block parts in hydraulic and pneumatic systems that could move from the loss of pressure.
 - Bleed the lines and leave vent valves open.
 - Drain process piping systems and close valves to prevent the flow of hazardous materials.
 - If a line must be blocked where there is no valve, use a blank flange.
 - Purge reactor tanks and process lines.
 - Dissipate extreme cold or heat, or wear protective clothing.
 - If stored energy can reaccumulate, monitor it to make sure it stays below hazardous levels.

6 EQUIPMENT-ISOLATION VERIFICATION

- Take any of the following steps that fit your company's equipment and energy control program.
- Make sure all danger areas are clear of personnel.
 - Verify that the main disconnect switch or circuit breaker can't be moved to the "on" position.
 - Use a voltmeter or other equipment to check the switch.
 - Press all start buttons and other activating controls on the equipment itself to ensure that it is isolated.
 - Shut off all machine controls when the testing is finished.

PERFORMING THE WORK

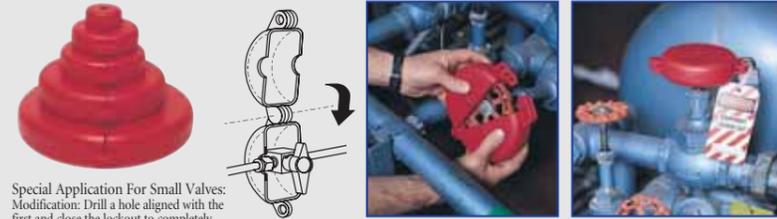
- Look ahead, and avoid doing anything that could re-activate the equipment.
- Don't bypass the lockout when putting in new piping or wiring.

WARNING

These procedures alone do not give you all the tools you need to work safely around hazardous machines and energy sources. Your employer must have a written procedure and you must be trained in the use of LOCKOUT / TAGOUT devices. It is up to you to guard all workers and your own life and health by complying with these rules.

WITH "THE ORIGINAL" LOCKOUT

SAFELY • EFFICIENTLY • INEXPENSIVELY



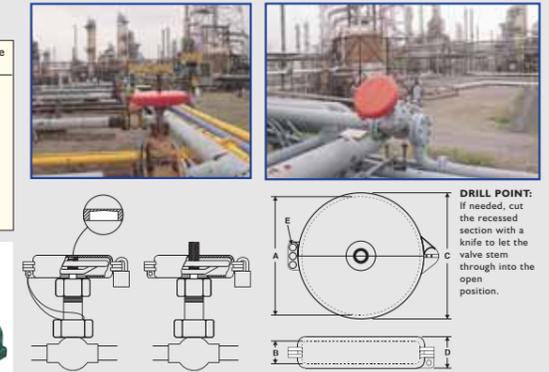
Special Application For Small Valves: Modification: Drill a hole aligned with the first and close the lockout to completely cover the valve.

TECHNICAL DATA 5 different sizes to cover valve handles from 1" to 14" diameter

Models	Inside Diameter	A	Inside Height	B	Outside Diameter	C	Outside Height	D	Lock Hole	E	Valve Handle Size
VS02	2.750"	1.250"	3.000"	1.500"	0.312"	1" - 2 1/2"					
	70 mm.	32 mm.	76 mm.	38 mm.	8 mm.						
VS04	5.000"	1.250"	5.500"	1.750"	0.375"	2 1/2" - 5"					
	130 mm.	32 mm.	140 mm.	44 mm.	9.5 mm.						
VS06	6.500"	1.500"	7.000"	2.000"	0.375"	5" - 6 1/2"					
	170 mm.	38 mm.	177 mm.	50 mm.	9.5 mm.						
VS09	10.000"	2.000"	10.500"	2.500"	0.375"	6 1/2" - 10"					
	257 mm.	50 mm.	267 mm.	63 mm.	9.5 mm.						
VS13	14.000"	2.500"	14.500"	3.000"	0.375"	10" - 14"					
	355 mm.	63 mm.	368 mm.	73.8 mm.	9.5 mm.						

COLOR CHOICES

- RED**: Fire quenching materials Ex.: (Halon)
- YELLOW**: Materials inherently hazardous Ex.: (Propane gas)
- BLUE**: Gases of inherently low hazard Ex.: (Argon)
- GREEN**: Liquids of inherently low hazard Ex.: (Mill Water)

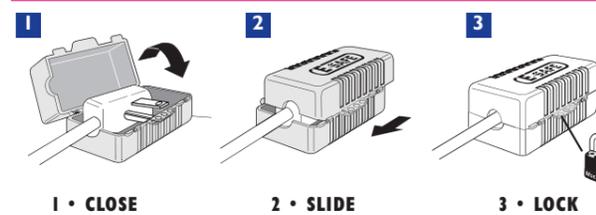


ELECTRICAL PLUG LOCKOUTS PROTECT YOUR EMPLOYEES WITH THE E-SAFE LOCK-A-PLUG



The E-SAFE "LOCK-A-PLUG" completely encloses the plug from any accidental reconnection. The electrical cable is inserted through the opening and then closed. The single entry (LP110) or multiple entry (LP550) locking system avoids usage by unauthorized personnel during critical times. The E-SAFE is a practical and positive protection system. Made out of "Polypropylene" plastic, it is totally dielectric, resists cold or hot temperatures up to 300° F / 149° C, has a sliding closure and an integrated multiple lockout.

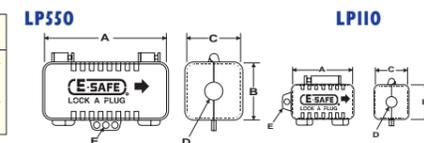
INSTALLATION INSTRUCTIONS



TECHNICAL DATA

Dimensions: E-SAFE LOCK-A-PLUG

Models	Inside Length	A	Inside Height	B	Inside Width	C	Cable Hole	D	Lock Hole	E
LP110	3.250"	1.750"	1.750"	0.500"	0.312" dia					
	82 mm.	44.5 mm.	44.5 mm.	12 mm.	8 mm.					
LP550	6.750"	3.000"	3.000"	1.000"	0.375" dia					
	170 mm.	76 mm.	76 mm.	25 mm.	9.5 mm.					



- LP110**: Will accept 110 volts and certain models of the 220 volt plug up to 13/4" x 13/4" x 31/4" (44.5 mm. x 44.5 mm. x 82 mm.) in size with a maximum cable diameter of 0.500" (12mm.).



- LP550**: Will accept 220 volts and 550 volt plugs up to 3" x 3" x 6.34" (76 mm. x 76 mm. x 170 mm.) in size with maximum cable diameter of 1.000" (25 mm.).

BALL VALVE LOCKOUTS SAFELY - EFFICIENTLY - INEXPENSIVELY

SAFELY • EFFICIENTLY • INEXPENSIVELY

- BS01** Valves from 3/8" to 1 1/4" (9.5 mm. to 31.5 mm.).
- BS02** Valves from 1 1/2" to 2 1/2" (37.5 mm to 62.5 mm).
- BS03** Valves from 2" to 8" (50 mm. to 200 mm.).

- Made of strong "Polypropylene" plastic.
- Fully dielectric.
- Highly resistant to solvents and other chemical products.
- Highly resistant to cracking and abrasion.
- Resistant to extreme temperature changes - 50° F (- 46° C) to 360° F (183° C).



3 DIFFERENT SIZES TO LOCKOUT YOUR BALL VALVES.



AVAILABLE IN 4 COLORS:
RED, YELLOW, BLUE & GREEN (COLORS RECOMMENDED IN ANSI Z353.1)

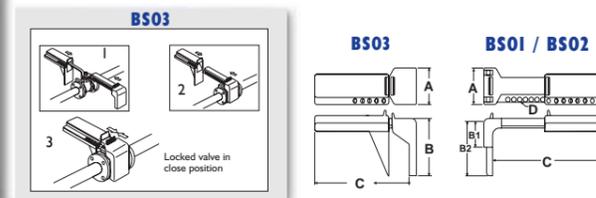
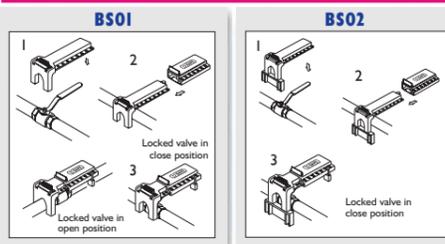


TECHNICAL DATA

Models	Width A	Height B	Length of Handle C	Lock Hole D
BS01	3.100" 80 mm.	3.250" 82 mm.	5.375" to 7.500" 135 mm. to 190 mm.	0.312" dia. 8 mm.
BS02	3.750" 95 mm.	5.000" 125 mm.	7.500" to 10.000" 190 mm. to 250 mm.	0.312" dia. 8 mm.
BS03	4.000" 100 mm.	7.450" 186 mm.	12.000" to 17.500" 300 mm to 438 mm	0.312" dia. 8 mm.

Note: Only the BS01 can lock in the open position.

ASSEMBLY INSTRUCTIONS

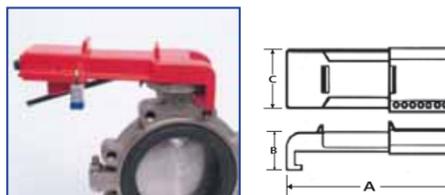


BUTTERFLY VALVE LOCKOUTS THE ONLY WAY TO SECURE YOUR BUTTERFLY

UNIVERSAL LOCKOUT FOR BUTTERFLY VALVES

- BS04**
- Features:
 - Made of strong "Polypropylene" plastic.
 - Fully dielectric.
 - Highly resistant to solvent and other chemical products.
 - Highly resistant to cracking and abrasion.
 - Resistant to extreme temperature changes -50° F (-46° C) to 360° F (183° C).

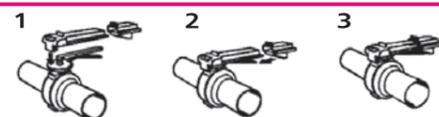
AVAILABLE IN 4 COLORS: RED, YELLOW, GREEN & BLUE
(COLORS RECOMMENDED IN ANSI Z353.1)



TECHNICAL DATA

Model	Length A	Height B	Width C	Lock Hole D
BS04	12" 305 mm.	2.750" 70 mm.	4.000" 102 mm.	0.375" 9.5 mm.

ASSEMBLY INSTRUCTIONS



NORTH North Safety Products
by Honeywell

3

CIRCUIT BREAKER LOCKOUTS SAFELY - EFFICIENTLY - INEXPENSIVELY



Constructed of rigid plastic, the new C-SAFE circuit breaker lockouts are now available for either single or double pole circuit breaker lockout applications.



CB01

A single pole lockout. CB01 requires a switch breaker with a recessed hole in it.

CB02

The CB02, is a double pole lockout and requires the breakers to be connected with a cross bar for lockout application.

CB03

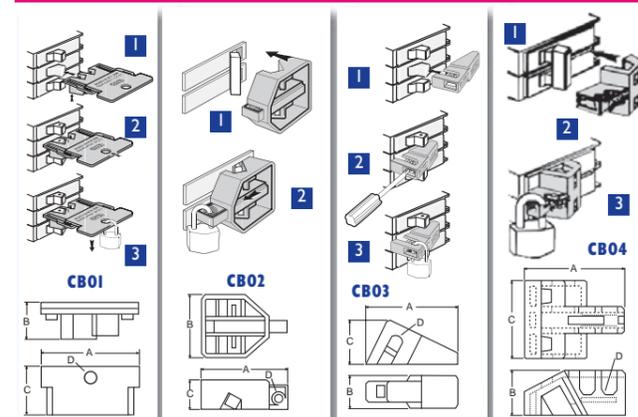
A single pole lockout. CB03 does not require a switch breaker with a recessed hole in it.

CB04

Our double pole circuit breaker lockout CB04 will fit most major brands of electrical circuit breakers. If this lockout does not fit, it may be returned.



ASSEMBLY INSTRUCTIONS



TECHNICAL DATA

DIMENSIONS: C-SAFE CIRCUIT BREAKER LOCKOUTS

Models	Length A	Height B	Width C	Lock Hole D
CB01	2.300" 58 mm.	0.850" 22 mm.	1.100" 28 mm.	0.300" dia 7.5 mm.
CB02	2.625" 66 mm.	1.875" 48 mm.	1.000" 25 mm.	0.300" dia 7.5 mm.
CB03	2.300" 58 mm.	0.750" 19 mm.	1.000" 25 mm.	0.340" 8.5 mm.
CB04	2.375" 60 mm.	1.000" 25 mm.	1.865" 47.5 mm.	0.375" 9.5 mm.

CB01

- 1 • To install, simply open the lock by sliding the base of the lock backwards.
- 2 • Place over the toggle, making sure that the small pole inside the lockout device is now inserted into the hole of the toggle. Close the lockout by pushing the base forward after ensuring that the holes are aligned.
- 3 • You are now ready to install your lock. This model will accommodate breakers up to 9/16" (14mm.) in width. **Remember**, the breaker must be in the "off" position before installing.

CB03

- 1 • To install, the breaker must be in the "off" position. Place the breaker over the toggle.
 - 2 • Insert your screwdriver (star type) into the hole, tighten the screws well.
 - 3 • Insert your lock or tag and close. Make sure everything is tight.
- This model will accommodate circuit breakers with an overall width of 9/16" (14mm.) **Remember**, the breaker must be in the "off" position before installing.

CB02

- 1 • To install, place over the toggles with the slotted side of the lockout covering the toggles.
 - 2 • Pull the side bar out to attach your lock. This model will accommodate breakers with an overall width of 5/8" (45mm).
- Remember**, the breaker must be in the "off" position before installing.

CB04

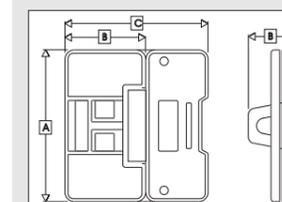
- 1 • Pull the slider bar and place the breaker lockout over the breakers.
 - 2 • Push back the slider bar and put your lock on aligned holes.
- This model will accommodate double or triple breakers. **Remember**, the breaker must be in the "off" position before installing.

ELECTRICAL SWITCH LOCKOUT THE ULTIMATE PROTECTION WITH THE E-SAFE LOCK-A-SWITCH

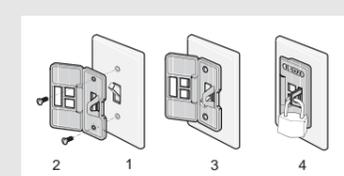


E-SAFE "LOCK-A-SWITCH" This easy to install device can be used with most mounted switches. It can be used to lock the switch in either the "on" or "off" position. (Install using existing screws). Standard package: 6 devices.

- 1 • Remove screws from switch plate.
- 2 • Adjust "E-SAFE" locking device over the switch plate and install it on switch.
- 3 • Position switch to desired position.
- 4 • Close "E-SAFE" device and put on your padlock and tag.



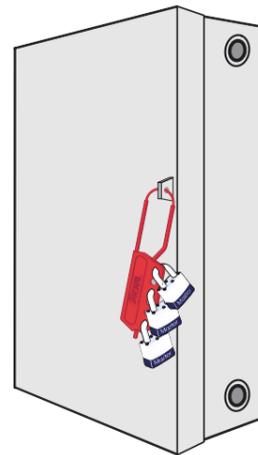
ASSEMBLY INSTRUCTIONS



TECHNICAL DATA

Dimensions: E-SAFE LOCK-A-SWITCH

Model	Height A	Width Close B	Width Open C
ES01	3.000" 76 mm.	1.625" 42 mm.	3.000" 76 mm.



#MSOI

Features:

- Made of Heavy Duty Nylon
- Bright Red Color for Hi-Visibility
- Unbreakable
- Heat & Cold Resistant
- Highly Flexible
- Holds 6 Padlocks
- Dielectric



INEXPENSIVE • VERSATILE • DIELECTRIC

MORE THAN ONE EMPLOYEE CAN LOCKOUT THE SAME ENERGY SOURCE FOR ADDED SAFETY

METAL LOCKOUT HASPS

Four models available



MS86

METAL LOCKOUT HASP

With 1" dia. jaw opening, 4 3/8" length, Single scissor type, Rubber dipped handle, Accommodates six padlocks, made of tempered steel, individually packed-72/box.



666RD

METAL LOCKOUT HASP

Dual opening, 1 3/4" dia. and 3/4" dia. Dual scissor type 5 1/4" length. Painted red. Accommodates six padlocks, made of tempered steel, individually packed-60/box.



R60ML

METAL LOCKOUT HASP

With 1" dia. jaw opening, 4 3/8" length. Single scissor type. Painted red. Accommodates six padlocks, made of tempered steel, bulk pack-96/box.



666

METAL LOCKOUT HASP

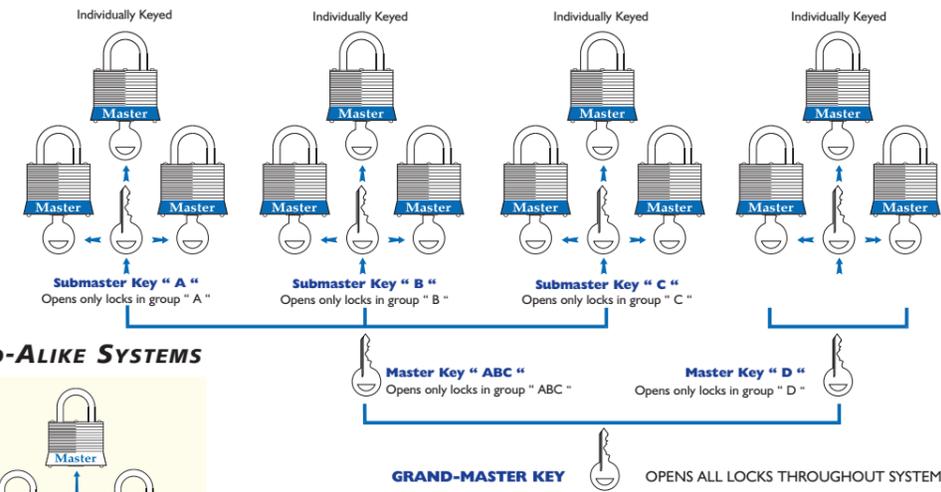
Dual opening, 1 3/4" dia. & 3/4" dia. Dual scissor type 5 1/4" length, Plated steel to resist rust (clear). Accommodates six padlocks, made of tempered steel, bulk pack-96/box.

ALL THESE LOCKOUT HASPS WILL ACCEPT SIX PADLOCKS UP TO 3/8" DIAMETER SHACKLES WITH SIX LOCKOUT TAGS

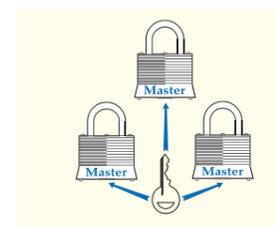
NORTH North Safety Products

by Honeywell

MASTER-KEYED SYSTEMS



KEYED-ALIKE SYSTEMS



MODELS	DESCRIPTION
PADLOCK	1 1/2" (38 mm.) wide laminated steel body with case hardened steel shackle
3D	Individually keyed, regular shackle
3DLF	Individually keyed, 1 1/2" shackle
3DLH	Individually keyed, 2" shackle
3KA	Keyed alike, regular shackle
3KALF	Keyed alike, 1 1/2" long shackle
3KALH	Keyed alike, 2" long shackle
3MK	Master keyed, regular shackle
3MKLF	Master keyed, 1 1/2" shackle
3MKLH	Master keyed, 2" shackle
2K	Master Key
PADLOCK	1 3/4" (45 mm.) wide laminated steel body with case hardened steel shackle
1D	Individually keyed, regular shackle
1DLF	Individually keyed, 1 1/2" shackle
1DLJ	Individually keyed, 2 1/2" shackle
1KA	Keyed alike, regular shackle
1KALF	Keyed alike, 1 1/2" long shackle
1KALJ	Keyed alike, 2 1/2" long shackle
1MK	Master keyed, regular shackle
1MKLF	Master keyed, 1 1/2" shackle
1MKLJ	Master keyed, 2 1/2" shackle
2K	Master Key
PADLOCK	2" (50 mm.) wide laminated steel body with case hardened steel shackle
5D	Individually keyed, regular shackle
5DLF	Individually keyed, 1 1/2" shackle
5DLJ	Individually keyed, 2 1/2" shackle
5KA	Keyed alike, regular shackle
5KALF	Keyed alike, 1 1/2" long shackle
5KALJ	Keyed alike, 2 1/2" long shackle
5MK	Master keyed, regular shackle
5MKLF	Master keyed, 1 1/2" shackle
5MKLJ	Master keyed, 2 1/2" shackle
2K	Master Key

- **MASTER-KEYED SYSTEMS**
Supervisory master-key opens all locks in system yet each padlock also opens with a separate individual key. Permits organizing submaster, master and grandmaster systems along departmental or other functional lines, as illustrated (Padlocks are specially configured, regular locks will not accommodate Master-keying).
- **KEYED-ALIKE SYSTEMS**
Locks in KA sets employ identical keys. One key opens all in set.

NEW SAFETY LOCKOUT PADLOCKS
COMPLETE AND EASY OSHA DEVICE COMPLIANCE



Dedicated safety lockout padlock with 1.5" shackle. Available in 8 colors.

It's a safe bet you won't confuse our new safety lockout padlocks with any other locks. Eight vibrant colors, two sizes, and permanent write-on labeling allow for versatile, readily distinguishable coding. The Xenoy® body is lightweight and nonconductive, yet strong, durable and unaffected by the elements and harsh working environments. Even the keyway is unique, ensuring the integrity of your key system. A single, dedicated safety key is provided per lock and its retained until the lock is closed, to aid OSHA compliance. If you're looking to enhance safety, this is the lock you've been looking for.

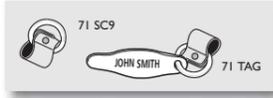
- **Solid Body Bright Colors / 2 Body Sizes**
 - Red-Orange-Green-Teal- Purple-Black-Blue
 - Easy identification by department or trade from distance.
- **Personal Integrated Identification**
 - Quick on-site employee ID capability with permanent write-on labels (2 labels supplied for each lock).
- **Xenoy® Body Construction**
 - Tamper resistant, lightweight, non conductive body that is ultrasonically welded for strength and durability
 - Better chemical / harsh environment resistance over steel and aluminum products
 - Surpasses environmental industrial test criteria.

No.	Description	Qty.	Wt. per Shelf Pack (Lbs.)
410	1 1/2" wide, 1 3/4" high, 1 1/2" shackle	1	2
410KA	Keyed Alike	1	2
410MK	Master Keyed	1	2
410KAMK	Keyed Alike, Master Keyed	1	2
4105701	Label sheet for Padlock-"Property of/Danger"	49	N/A
411	1 1/2" wide, 3" high, 1 1/2" shackle	1	2
411KA	Keyed Alike	1	2
411MK	Master Keyed	1	2
411AMK	Keyed Alike, Master Keyed	1	2
4115701	Label sheet for Padlock-"Property of/Danger"	28	N/A
400K	Master Key		

All padlocks come with a standard blue bumper. Color code lock available (bumper): black, white, red, green, yellow. Add color after model number. For master key color coding bumper (min. of 30 units). Available upon request

ACCESSORIES FOR PADLOCKS

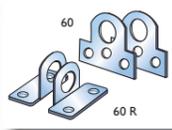
• Identification Tags and Collars



- # 71 TAG 1/2" x 13/4" BRASS TAG WITH RING (PACK OF 12)
- # 71 SC9 COLLAR COMPLETE WITH RIVETS FOR TAG (PACK OF 12)

• Padlock Eyes

These padlock eyes will help you comply with OSHA standards, when the equipment has to be modified to accept locks and lockout devices. Two types of mounting eyes are available. Surface mount or inside mount.



- # 60 SURFACE MOUNT (FLAT) AVAILABLE IN PACK OF 12 PAIRS
- # 60R INSIDE MOUNT (RIGHT ANGLED) AVAILABLE IN PACK OF 6 PAIRS



- Chain Attachment
9" chain with chain holder for permanently attaching lockouts at pre-designated locations (control or valve sites).
- #7ICS 9" chain attachment with chain holder. Available in pack of 12

• Group Lock Box

To be used for work team lockout situations where there are multiple employees, energy sources, machines and processes to be locked out. All keys are stored in the lock box. The group leader or foreman then locks the box until the job is complete and all group members are cleared from work area. Heavy steel construction.

- # GLB01 Group lock box.



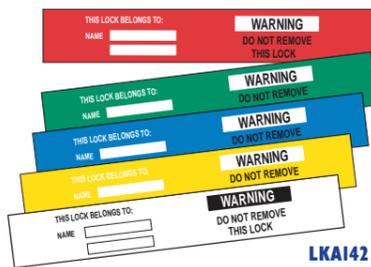
• 13 Lock Group Lock Box

Simplifies lockout of large equipment. After machine or process is locked out, the key or keys are placed in a lock box. Then, each authorized work team member places a personal lock or tagout device to the group lock box. Ensures that no one employee has access to the box unless all employees have removed their locks or tags. Accepts up to 13 individual locks. Heavy steel construction.

- # GLB02 Group lock box.



LOCK LABELS



3/4" x 5"

Self-laminating padlock labels are an easy way to identify employee's locks. These labels are made of aluminum foil with permanent pressure-sensitive adhesive backing. Write on decals with ballpoint pen or typewriter.

Available in: Red, Green, Blue, Yellow or White.

- STANDARD PACKAGE (50 UNITS)
- TO ORDER SPECIFY # ITEM, MATERIAL AND COLOR



MAGNETIC LOCKOUT SIGNS



Magnetic signs stay put when placed on a metal surface and the magnetic material allows the signs to be moved to where employees attention is needed.

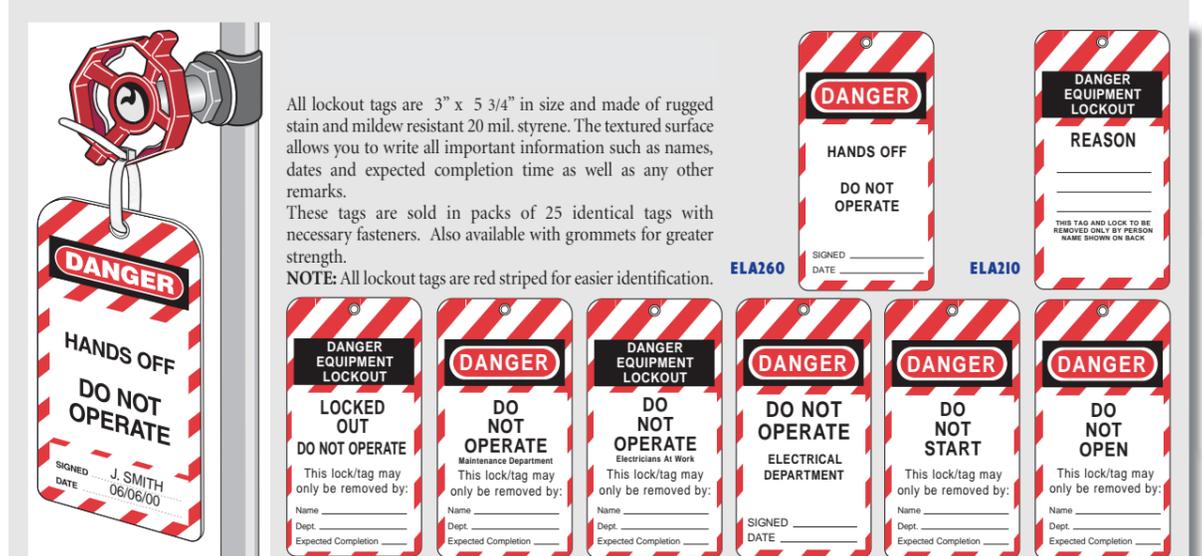
- # LKA140 3 1/2" x 5" 7" x 5" add suffix/3mg add suffix/4mg

SELF-STICKING VINYL



STANDARD PACKAGE (10 UNITS)

LOCKOUT TAGS



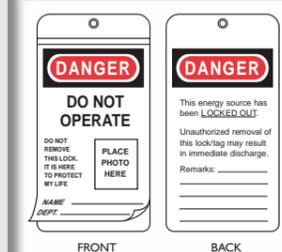
All lockout tags are 3" x 5 3/4" in size and made of rugged stain and mildew resistant 20 mil. styrene. The textured surface allows you to write all important information such as names, dates and expected completion time as well as any other remarks.

These tags are sold in packs of 25 identical tags with necessary fasteners. Also available with grommets for greater strength.

NOTE: All lockout tags are red striped for easier identification.



PHOTO, SELF LAMINATING TAG



SELF LAMINATING TAG
For easy identification of individuals working on equipment. These tags are made of rigid vinyl with polyester over laminate to protect the photo and other written data. To use, lift vinyl films, enter all information, place photo on tag and smooth laminate film back onto the tag.

- These tags are sold in packs of 25 with necessary fasteners.
- These tags are also available with grommets for longer wear.

CUSTOM TAGS



- These tags are sold in packs of 25 with necessary fasteners.
- These tags are also available with grommets for longer wear.

HOW TO ORDER

Models	Regular EEA305	Laminated EEA305L	Specified legend:
Colors:	White (W), Yellow (Y), Orange (O)	White (W), Yellow (Y), Orange (O)	FRONT & BACK
Headers:	Danger (D), Caution (C), Warning (W)	Danger (D), Caution (C), Warning (W)	

REVERSE SIDE OPTIONS



CAUTION LOCKOUT FOR SAFETY LKA102 (3 1/2" x 5", 7" x 10" - 10" x 14")

CAUTION BE SAFE LOCK IT OUT LKA108 (3 1/2" x 5", 7" x 10" - 10" x 14")

NOTICE DO NOT FORGET TO REMOVE YOUR LOCKS AND TAGS LKA116 (3 1/2" x 5", 7" x 10" - 10" x 14")

WARNING LOCKOUT SWITCHES BEFORE WORKING ON EQUIPMENT LKA118 (3 1/2" x 5", 7" x 10" - 10" x 14")

CAUTION LOCKOUT HERE LKA104 (3 1/2" x 5", 7" x 10" - 10" x 14")

CAUTION USE LOCKOUT DEVICE DURING MAINTENANCE OR ANY OPERATOR ADJUSTMENT LKA110 (3 1/2" x 5", 7" x 10" - 10" x 14")

NOTICE IN ACCORDANCE WITH OSHA STANDARD 1910.147, ALL EQUIPMENT, MACHINES AND PROCESSES SHALL BE LOCKED OUT PRIOR TO SERVICING. LOCKOUT PROCEDURES ARE POSTED IN THE OPERATING AREA AND / OR BY THE MAIN ENERGY SOURCE OF EACH MACHINE. IF YOU HAVE ANY QUESTIONS ABOUT THE LOCKOUT PROCEDURES, PLEASE SEE YOUR SUPERVISOR OR THE SAFETY DIRECTOR. THE STANDARD WILL BE STRICTLY ENFORCED. LKA114/7ST (14" x 20", Styrene only)

DANGER DO NOT OPERATE LKA120 (3 1/2" x 5", Vinyl only)

CAUTION WHEN THROWING SWITCH USE LEFT HAND AND TURN FACE AWAY LKA106 (3 1/2" x 5", 7" x 10" - 10" x 14")

CAUTION THIS MACHINE MUST BE LOCKED OUT PRIOR TO SERVICING LKA112 (3 1/2" x 5", 7" x 10" - 10" x 14")

TO ORDER SPECIFY ITEM #, SIZE AND MATERIAL

DIMENSIONS	3 1/2 x 5	7 x 10	10 x 14	14 x 20
*STYRENE	5ST	6ST	7ST	
*SELF-STICK VINYL	3VY	5VY	6VY	
*POLYCARBONATE	5PA	6PA		
*POLYCARBONATE LAMINATED ON ALUMINIUM		5PM	6PM	

North offers convenient and high visibility Lockout / Tagout centers that make your Locks, Tags, Lockout Hasps and Lockout devices (V-SAFE, B-SAFE, C-SAFE and E-SAFE and M-SAFE Hasps) easy to find and use. These Lockout / Tagout centers are built for the toughest conditions. They are made of double molded polystyrene with plastic or metal hanging hooks for locks and lockout hasps.

LSE101 (Panel only)
LSE101 F (Panel complete with fill)

SMALL LOCKOUT STATIONS
Model: **LSE101 F (Full)**

LSE102 (Panel only)
LSE102 F (Panel complete with fill)

LARGE LOCKOUT STATIONS
Model: **LSE102 F (Full)**

QTY.	CONTENTS
1 ea.	LSE101 Lockout Panel
2 ea.	VS02 V-SAFE lockout 2"
1 ea.	VS04 V-SAFE lockout 4"
1 ea.	VS06 V-SAFE lockout 6"
1 ea.	BS01 B-SAFE lockout
2 ea.	LP110 E-SAFE lockout 110-220 volts.
1 ea.	LP550 E-SAFE lockout 220-550 volts.
1 ea.	MSB6 M-SAFE metal hasp.
4 ea.	MS01 M-SAFE nylon hasp.
1 ea.	ELA290 DO NOT OPERATE TAGS / 25
1 ea.	ELA255 DO NOT OPEN TAGS / 25
1 ea.	3D Master lock

18" x 24"

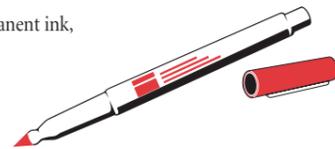
QTY.	CONTENTS
1 ea.	LSE102 Lockout Panel
2 ea.	VS02 V-SAFE lockout 2"
1 ea.	VS04 V-SAFE lockout 4"
1 ea.	VS06 V-SAFE lockout 6"
1 ea.	VS09 V-SAFE lockout 9"
1 ea.	BS01 B-SAFE lockout
1 ea.	BS02 B-SAFE lockout
2 ea.	LP110 E-SAFE lockout 110-220 volts.
1 ea.	LP550 E-SAFE lockout 220-550 volts.
2 ea.	MSB6 M-SAFE metal hasp
6 ea.	MS01 M-SAFE nylon hasp
1 ea.	ELA290 DO NOT OPERATE TAGS / 25
1 ea.	ELA255 DO NOT START TAGS / 25
1 ea.	ELA255 DO NOT OPEN TAGS / 25
2 ea.	3D Master lock
2 ea.	3DLF Master lock

24" x 35"

MARKING PENS

USED ON SAFETY TAGS

Fast drying permanent ink, Fine tip.



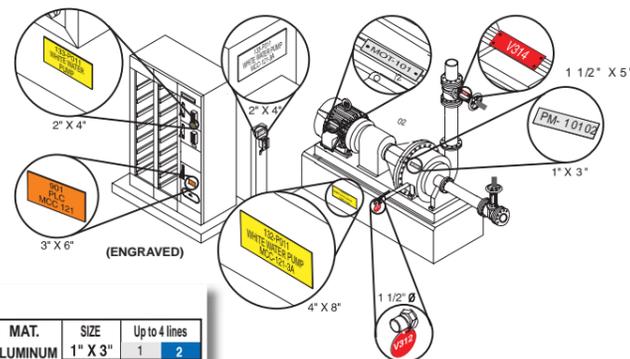
Models No.	Color	Description	Qty/Pkg
PEN 1	Black	Color of cap indicates	12
PEN 2	Red	color of ink	12

Plastic Only

Colors available:



LOCKOUT / TAGOUT IDENTIFICATION



EQUIPMENT TAGS

MODELS	MAT.	SIZE	Up to 4 lines
IDA1X3/1	ALUMINUM	1" X 3"	1 2
IDA1X3/2		1" X 3"	1 2
IDA2X4/1	1/32"	2" X 4"	1 2
IDA2X4/2		2" X 4"	1 2
IDP1X3/2	LAMICOID	1" X 3"	1 or 2 3 or 4
IDP1X3/4		1" X 3"	1 or 2 3 or 4
IDP2X4/2	PLASTIC	2" X 4"	1 or 2 3 or 4
IDP2X4/4		2" X 4"	1 or 2 3 or 4
IDP3X6/2	1/16"	3" X 6"	1 or 2 3 or 4
IDP3X6/4		3" X 6"	1 or 2 3 or 4
IDP4X8/2	STAINLESS	4" X 8"	1 or 2 3 or 4
IDP4X8/4		4" X 8"	1 or 2 3 or 4
IDS1X3/1	STEEL 1/32"	1" X 3"	1 2
IDS1X3/2		1" X 3"	1 2
IDS2X4/1	2"	2" X 4"	1 2
IDS2X4/2		2" X 4"	1 2

VALVE TAGS

Valve 521, 251-V004

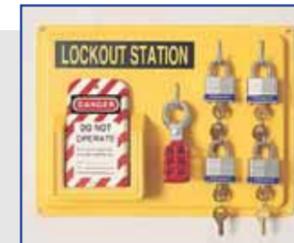
MODELS	MATERIALS	Color
IDVLR01	BRASS	Red
IDVLT01		Yellow
IDVLC01		Blue
IDVAR01	ALUMINUM	Red
IDVAT01		Yellow
IDVAC01		Blue
IDVAC02	Blue	Blue
IDVPR01	LAMICOID	Red
IDVPT01		Yellow
IDVPC01		Blue
IDVPC02	1 side	Blue
IDVPC03	2 sides	Blue

LOCKOUT STATIONS



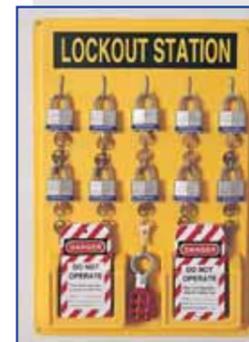
- Contents:**
- 4 ea. 3D Master locks (Blue bumper padlock).
 - 1 pk. ELA290 DO NOT OPERATE TAGS (Pack /25).

PERSONAL LOCKOUT STATION (11" x 14")
LSE103 Station only.
LSE103F Station with fill.



- Contents:**
- 4 ea. 3D Master locks (Blue bumper padlock).
 - 1 pk. ELA290 DO NOT OPERATE TAGS (Pack /25).
 - 3 R60 ML 1" SAFETY LOCKOUT HASPS.

4 LOCKOUT STATION (11" x 14")
LSE104 Station only.
LSE104F Station with fill.



- Contents:**
- 10 ea. 3D Master locks (Blue bumper padlock).
 - 2 pk. ELA290 DO NOT OPERATE TAGS (Pack /25)
 - 3 R60 ML 1" SAFETY LOCKOUT HASPS.

TEN LOCKOUT STATION (14" x 21")
LSE105 Station only.
LSE105F Station with fill.



- Contents:**
- 20 ea. 3D Master locks (Blue bumper padlock).
 - 4 pk. ELA290 DO NOT OPERATE TAGS (Pack /25).
 - 6 R60 ML 1" SAFETY LOCKOUT HASPS.

Departmental Lockout Station (21" x 29")
LSE106 Station only.
LSE106F Station with fill.

NOTICE: Each lock is keyed differently, unless advised otherwise.



LKI07FE Lockout/Tagout Kit

It is imperative that workers properly lockout/tagout machinery and equipment to prevent serious injury. The lockout kit provides all items required to make lockout/tagout as convenient and easy as possible.

- Includes:
 (1) 16" tool box w/tray, (1) VS02, (1) BS01, (1) #3D, (1) #1DLJ,
 (1) MS01, (5) ELA290, (1) CB04, (1) CB03, (1) ES01, (1) LPI 10.

LKI08FE Electrical Lockout/Tagout Kit

This kit provides all items to properly secure electrical machinery and equipment from causing serious injury while being serviced. All items can be easily carried in lightweight carrying bag.

- Includes:
 (1) Nylon carrying bag, (6) CB03, (6) CB01, (6) CB04,
 (6) ES01, (1) LPI 10, (1) LP550, (2) MS01, (1) 666RD,
 (2) #3D, (2) #1DLJ, (10) ELA290.



LKI09FE Valve Lockout/Tagout Kit

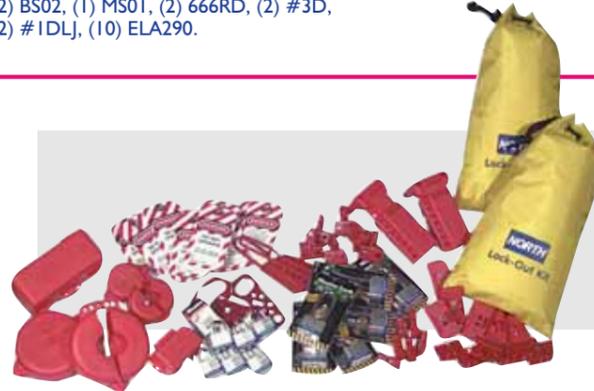
North has the original B-Safe ball and V-Safe gate valve lockouts. These make lockout/tagout of valves an easy procedure with an easy to transport lockout/tagout kit.

- Includes:
 (1) Nylon carrying bag, (2) VS02, (2) VS04, (2) BS01,
 (2) BS02, (1) MS01, (2) 666RD, (2) #3D,
 (2) #1DLJ, (10) ELA290.

LKI10FE Combination Lockout Kit

North has combined Electrical - Valves - Hasps - Tags - Locks into a convenient kit for employees to properly lockout /tagout most applications.

- Includes:
 (2) Nylon carrying bags, (6) CB01, (6) CB03, (6) CB04,
 (6) ES01, (1) LPI 10, (1) LP550, (2) VS02, (2) VS04,
 (2) BS01, (2) MS01, (2) 666RD, (6) #3D,
 (6) #1DLJ, (25) ELA290.



LKI11FE Electrical Lockout Pouch

For convenient Electrical Lockout/Tagout North has created a zipper pouch that can be easily carried on your belt with all the necessary products. This ensures you or your workers have their lockouts when they need them.

- Includes:
 (1) Double belt loop zippered pouch, (1) LPI 10, (1) MS01,
 (2) CB03, (2) CB04, (2) ELA290, (1) #1DLJ.

LKI12F Electrical Breaker Lockout Pouch

When regular lockout/tagout on electrical panels is required, North has a convenient pouch that can be attached to a belt for easy use, including all products for proper lockout.

- Includes:
 (1) Double belt loop zippered pouch, (3) ES01, (1) LPI 10,
 (4) CB04, (4) CB03, (1) CB02, (2) CB01.



A PADLOCK STORAGE MODULE

Made of melamine which have been adapted to an industrial environment, this module provides for the orderly storage and safekeeping of personal, serial numbered and borrowed padlocks used in safety lockout procedures.

Its transparent door provides continuous visibility of all padlocks presently stored.



Models	Sizes L x W x H	Number of Padlocks			Hook Type and Capacity		
		2 1/4" 58 mm	3" 78 mm	4" 102 mm	1	2	5
ID001/151	15" X 15" X 3"	16	12	8	•	•	•
ID001/152		32	24	16			
ID001/153		80	60	40			
ID001/301	15" X 30" X 3"	36	28	20	•		
ID001/302		72	56	40		•	
ID001/303		160	120	80			•
ID001/241	24" X 30" X 3"	63	49	35	•		
ID001/242		126	98	70		•	
ID001/243		315	245	175			•

B TAGOUT SHEET MODULE

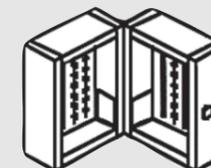
This module's transparent door allows the safety Tagout / Lockout sheet to be clearly seen during the lockout process. Also, the keys for the serial numbered padlocks to be used during the lockout application are clearly visible eliminating any possibility of accidental machine start-up.



Models	Size of Sheet	Sizes
ID 004	8.5" x 11" (21.5 cm. x 28 cm.)	12" X 15" X 3"
ID 005	8.5" x 14" (21.5 cm. x 28 cm.)	12" X 16" X 3"

C KEYS STORAGE MODULE

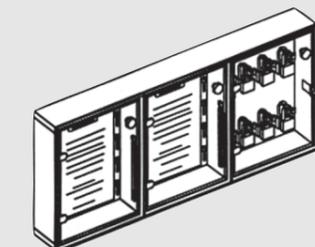
This module, which is very useful in padlock management, allows the person responsible for lockout to maintain the duplicates of all padlock keys (Personal, serial numbered, borrowed, etc.) up to date.



Models	Description	Sizes
ID 002/32	Module simple 32 keys	10 X 10 X 3"
ID 002/72	Module simple 72 keys	10 X 20 X 3"
ID 002/128	Module simple 128 keys	18 X 18 X 3"
ID 003/64	Module simple 64 keys	10 X 10 X 6"
ID 003/144	Module simple 144 keys	10 X 20 X 6"
ID 003/256	Module simple 256 keys	18 X 18 X 6"

D COMBINATION (Model #ID-006)

Various combinations of the modules described above are possible. Shown here is the combination most frequently used in industry. It comprises a double visibility module combined with a padlock module to create a "Safety Lockout Station".





North fall protection products are designed with the user in mind. Our goal is to provide high quality easy to use fall protection so that your employees are encouraged to wear the products we manufacture for their protection.

NORTH North Safety Products

HEAD PROTECTION

Hardhats
Bumpcaps
Winter Liners

RESPIRATORY PROTECTION

Air-Purifying
Airline
SCBA

TRAFFIC SAFETY PRODUCTS

Vests
Cones
Barricade Tape
Signs

CONTROLLED ENVIRONMENT PRODUCTS

Thin Nitrile Gloves
Acid Gloves
Solvent Gloves
ESD Gloves
PE Gloves
Drybox Gloves

EYE & FACE PROTECTION

Spectacles
Goggles
Faceshields

HAND PROTECTION

General Purpose Work Gloves
Chemical Resistant

FIRST AID PRODUCTS

Kits/Cabinets Dermatological
Refills Eyewash Stations
Bloodborne Pathogens

SIGNS

OSHA Signs Valve Tags
CSA Signs Photoluminescent signs
Pipe Markers Numerals & Letters

LOCKOUTS/TAGOUTS

Valves Electrical Tags Padlocks Stations

HEARING PROTECTION

Disposable Earplugs
Reusable Earplugs
Muffs

PROTECTIVE CLOTHING

General & Fire Retardant
Rainwear
Chemical Suits
Sleeves & Aprons

FALL PROTECTION

Belts, Harnesses & Lanyards
Retractable Lifelines
Confined Space Systems
Engineered Systems

PROTECTIVE FOOTWEAR

Industrial
Chemical Resistant
Slip Resistant

CONSUMER PRODUCTS

Retail Packaging

Affiliated Companies



Consumer Footwear
Rubber Footwear
Consumer Products



Electrical Gloves Jumper Cables
Electrical Blankets Hot Sticks
Power Line Hose



Turnout Gear
Firefighter Footwear
Firefighter Helmets
Firefighter Gloves

HARNESSES EN 361

FP700/1D

Ergonomic lightweight basic harness for fall arrest.



art.no.
938141.AFV

FP702/3D

General purpose harness for fall arrest, descent, vertical wire/rail and confined space. With 1 sliding dorsal D-ring 2 sternal D-rings and adjustable shoulder and chest straps.



art.no.
938145.AFV

FP745/5D

Heavy duty harness for all the linesmen activities and scaffolding. With dorsal D-ring, sternal loops, padded belt and lateral D-rings.



art.no.
938142.AFV

RITE ON FP81F/1EDBA

Comfortable heavy duty harness for all linesmen activities. With durable polyester webbing, breathable contoured backpack, quick release connectors. Extended D-ring, shoulder straps arrangement for easy dorsal fittings. The lightweight polyester webbing is chemical resistant.



art.no.
FPFV81F/1EDBA

RITE ON II

A new era of harnesses is here with superior comfort and fit.

The new and trendy vest style harness with removable breathable mesh backpack. Fall arrest indicator, quick connectors, label protector, extended dorsal D-ring, front attachment for rescue and leg protectors. Available in 3D or 5D version in 2 sizes (S-M, L-XL).



art.no.	description
FPF81T/3EDXA/L	Rite on II 3D size L-XL
FPF81T/3EDXA/S	Rite on II 3D size S-M
FPF81V/5ED8A/L	Rite on II 5D size L-XL
FPF81V/5ED8A/S	Rite on II 5D size S-M



LANYARDS AND LIFELINES EN354/355

1 METRE LANYARD

1m safety line for work positioning. With 20mm karabiner (FP81) and double action snap hook (FP3500) or 65mm scaffolding hook (FP90/3).



art.no.	description
838164	incl. PF81+FP3500
838163	incl. PF81+FP90/3

ACCESSORIES EN362

FP81 KARABINER

Screwgate karabiner, 17mm opening.



art.no.	description
638150	

FP99

Portable temporary anchorage point.



art.no.	description
93817*	

2 METRE LANYARD

2m shock absorbing lanyard for fall arrest. With standard karabiner (FP81) and double action snap hook (FP3500) or scaffolding hook (FP90/3).



art.no.	description
836165	Incl. FP81+FP3500
838180	incl. FP81+ FP90/3

SAFETY ROPE

14-16mm rope with standard karabiner FP81. To use in combination with a rope grab.



art.no.	description
538149	10 mètres
538148	20 mètres
538147	30 mètres
538124	40 mètres
538154	automatic rope grab FP551

FP305PE

Small handy Block with 2 meter self retractable seatbelt webbing.

With external shockabsorber and 2 karabiners FP81.



art.no.	description
538186	

TRIPOD AND DAVIT SYSTEM

TRIPOD FP6600



Portable fully adjustable anchorage system. The aluminium legs are made of square tubing for added lightness and required strength. The cast alloy head had an integrated pully wheel allowing a cable from a device to pass through the center of the head.

Devices are located outside the working area which allows a narrower profile what means that the Tripod can fit into tighter spaces. Rated for 1 person at 150 kg.

art.no.	description
938162.AFV	FP6600/7 2,1 metre
FP6600/10	FP6600/10 3 mètres

DAVIT



An ideal anchorage connection for areas where temporary anchorages are required. They assemble and disemles with the ability to transport quikly. The system is built to provide a safe secure anchorage for confined space entry, rescue and suspension work. Available in 61 and 121 cm boom.

art.no.	description
FP6680/24	boom 61 cm
FP6670/24	mast
FP6660/00	Steel Floor base

ACCESSORIES



Bracket for fall arrest blocks for Tripod and Davit system.

art.no.	description
638162.AFV	Bracket regular housing (FP2/415xR)
638163.AFV	Bracket large housing (FP3/433xR)

PLASTIC SELF RETRACTING LIFE LINES

DURALITE III



Lightweight block (only 1100 gram!) With 3,6 meter cut resistant Dyneema self retracting webbing and internal shockabsorber. Plastic housing with aluminium double action snap hook. The unit is completely service-able!

art.no.	description
840800.W3ASA	

DURALITE II



Lightweight block (only 2525 gram!) With 6 meter cut resistant Dyneema self retracting webbing and internal shock-absorber. Plastic housing with aluminium double action snap hook. The unit is completely serviceable!

art.no.	description
840700.W6	

DURALITE KIT II&III

contents:

- Duralite fall arrest block with 3.6 or 6 metres Dyneema webbing
- Rite-on comfortable fullbody harness
- FP81 karabiner

Kit packed in black/yellow backpack.



art.no.	description
839460	with Duralite III
839460.W6	with Duralite II

FALL PROTECTION SETS

START SET

contents:

- Harness FP700/1D
- FP0305PE retractable lifeline
- FP99 stainless steel grip

Kit packed in a blue plastic carrying case.



art.no.	description
838100	

BASIC KIT

contents:

- Harness FP702/3D
- FP551 automatic rope grab
- 20 metres braided polyamide rope and FP81
- 2 metres lanyard with shock absorber, karabiner and a maxi snap hook FP90/3

Kit packed in a sportsbag.



art.no.	description
839493	

ECONOMY KIT

contents:

- Harness FP700/1D
- FP551 automatic rope grab
- 20 metres braided polyamide rope

Packed in Sportsbag.



art.no.	description
839498	

ALLOY SELF RETRACTING LIFE LINES



Fall arrest device with small housing. With 5 metre self retracting life line. Robust design, corrosion resistant housing. Including aluminium swivel snap hook.

art.no.	description
840600	nylon
840500.G5	galvanised



Fall arrest device standard housing. With 10 or 15 metre self retracting life line. Robust design, corrosion resistant housing. Including aluminium swivel snap hook. With galvanised (G) or Stainless steel (S) cable.

art.no.	description
<i>Galvanised</i>	
840100.G10	FP2/310G 10 metre
840100.G15	FP2/315G 15 metre
840300.G20	FP3/320G 20 metre
840300.G25	FP3/325G 25 metre
840300.G33	PF3/333G 33 metre
<i>Stainless steel</i>	
840100.S10	FP2/310S 10 metre
840100.S15	FP2/315S 15 metre
840300.S20	FP3/320S 20 metre
840300.S25	FP3/325S 25 metre
840300.S33	PF3/333S 33 metre

AUTOMATIC DESCENDERS AND SELF RETRACTING LIFE LINES WITH RESCUE WINCH.



Retractable automatic descender with 15 or 33 metre self retracting life line and descent brake. With galvanised (G) or Stainless steel (S) cable.

art.no.	description
<i>Galvanised</i>	
842100.G15	15 metre FP2/515GD
842200.G33	33 metre FP3/533GD
<i>Stainless steel</i>	
842100.S15	15 metre FP2/515SD
842200.S33	33 metre FP3/533SD



Self retracting life line with integrated rescue winch with 15, 25 or 33 metre self retracting cable. Can raise or lower the person in emergency situations. With galvanised (G) or Stainless steel (S) cable.

art.no.	description
<i>Galvanised</i>	
840200.G15	15 metre FP2/415GR
840400.G25	25 metre FP2/425GR
840400.G33	33 metre FP2/433GR
<i>Stainless steel</i>	
84200.SR15	15 metre FP2/415SR
840400.S25	25 metre FP2/425SR
840400.S33	33 metre FP2/433SR

OUTAGE PROTECTION



OUTAGE PROTECTION

FAQ

Q: Why should I use outage protection?

A: The cost of animal caused outages to the utilities is preventable. Animals cause power outages daily, creating time lost to utilities. Salisbury offers an easy solution to this expensive problem.

Animals cannot be stopped, but these products can prevent them from causing costly outages. It's only a matter of time before an animal caused outage happens. Salisbury's Outage Protection Product Line includes the essential items you need to protect yourself from costly outages.

All of these products are completely made from material that is resistant to the effects of UV and ozone. Designed to withstand the test of time, sun and weather, to keep you protected longer.

Designed for linemen. These lightweight products are easy to use and install.

NOTE

Outage protection is not to be used as Personal Protective Equipment (PPE).

STANDARD SALISBURY BUSHING COVERS and SALISBURY TRI-PORT® BUSHING COVERS are made from Ozone and UV resistant silicone rubber, maximizing the outdoor durability and tracking resistance. These covers have been accepted by Rural Utilities Service (RUS).

Bushing Covers protect against wildlife contacts between energized equipment and ground by insulating exposed energized bushing parts.

Standard and Tri-Port Bushing Covers interlock with the top weath-ershed of the bushing and are securely fastened by inserting lock buttons (provided). The 21116TC, Standard Bushing Cover, includes the 21644 Tube Closure. The 21644 Tube Closure provides an easier and quicker way to securely close the standard bushing cover.

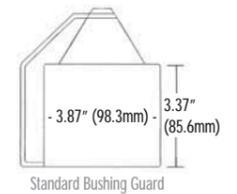
Bushing Covers can be installed without disconnecting equipment using rubber insulating gloves. Covering a small area of the lead wire, the opening can be trimmed to accommodate larger wires or 5/8" and 3/4" Salisbury Stinger Covers.

CONE BUSHING COVERS

For complete 360 degree coverage, the BC512 is the right choice. Complete with upper and lower trim rings for a custom fit size and internal ribs for added air flow and water drainage. Made from Ozone and UV resistant silicone rubber, the BC512 permanently protects bushings from all sources of potential outages. Installation requires de-energizing equipment.



21116 - Standard



Standard Bushing Guard



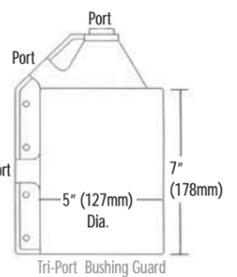
21116 TC - Standard



21644



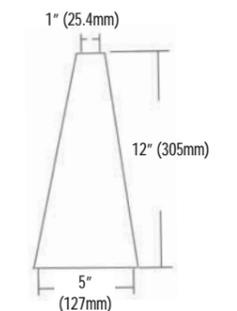
21317 - Tri-Port®



Tri-Port Bushing Guard



BC512

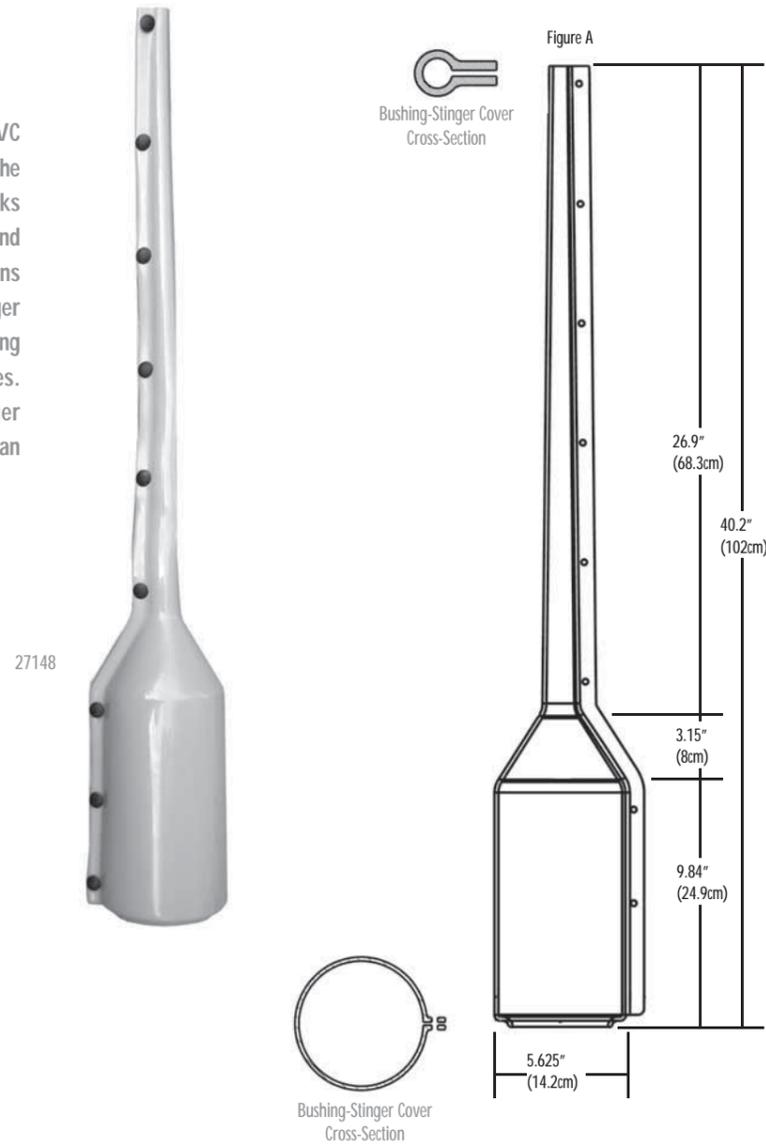


Cat. No.	Description	Dimensions in. (mm)	Quantity	Flashover Test Voltage	Weight ea. lbs. (kgs)
BUSHING COVERS					
21116	Cover Only	-	24 pcs.	16 kV	16 (7.3)
21116TC	Cover Only w/ 21644	-	24 pcs.	16 kV	16 (7.3)
21644	Tube Closure	-	-	-	-
21183	Cover Kit w/Stinger Cover*	.375 x 18 (9.5 x 457)	24 pcs.	n/a	20 (9)
BC512	Cone Bushing Cover	12H x 5 W (305 H x 127 W)	1	n/a	1.5 (.7)
TRI-PORT® BUSHING COVERS					
21317	Cover Only	-	24 pcs.	16 kV	28 (12.7)
24140	Cover Kit w/ Stinger Cover*	3/8 x 18 (9.5 x 457)	24 pcs.	n/a	35 (16)

* See page D-5 for more Stinger Covers

COMPLETE BUSHING-STINGER COVER

This product is made from UV resistant PVC plastic to maximize the outdoor durability. The Complete Bushing/Stinger Cover interlocks with the top weathershed of the bushing and securely fastens by inserting lock buttons (provided). The Complete Bushing/Stinger Cover can be installed without disconnecting equipment using rubber insulating gloves. This product offers an integrated stinger cover which will cover the lead wire for an easy solution.

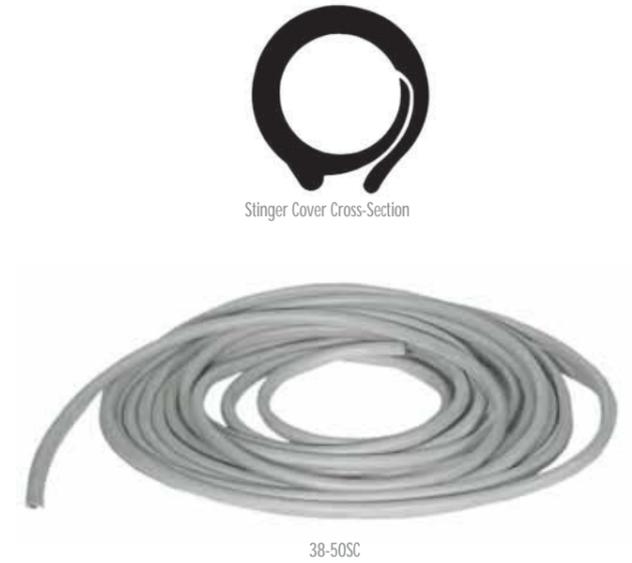


Cat. No.	Description	Dimensions in. (cm)	Quantity	Weight ea. lbs. (kgs)
COMPLETE BUSHING-STINGER COVER				
27148	Bushing Cover & Stinger Cover Unit	see figure A	20 pcs.	48 (21.9)

STINGER COVERS protect against phase to phase and phase to ground wildlife contacts. These covers have been accepted by Rural Utilities Service (RUS).

The stinger cover can be installed without disconnecting the lead wire from the bushing. Available in three diameters, it is easily cut in the field to the needed length.

Stinger covers are track resistant and made from Ozone and UV resistant SALCOR® elastomer in a grey color. The covers are proven to provide years of reliable service either independently or when used with bushing covers.



Cat. No.	I.D.	Dimensions in. (mm)	Quantity ft. (m)	Flashover Test Voltage kV	Weight lbs. (kgs)
EPDM					
38-2SC	3/8 (9.5)	2 (.61)	25 pcs.	13	9.5 (4.3)
38-50SC	3/8 (9.5)	50 (15.3)	1 coil	13	9.5 (4.3)
38-12SC	3/8 (9.5)	12 (3.7)	4 pcs.	13	9.5 (4.3)
38-18SC	3/8 (9.5)	18" (457mm)	50 pcs.	13	11 (5)
38-100SC	3/8 (9.5)	100 (30.5)	1 coil	13	16 (7.25)
58-12SC	5/8 (15.9)	12 (3.7) coil	4 pcs.	18	22 (10)
58-50SC	5/8 (15.9)	50 (15.3) coil	1 pc.	18	21 (9.5)
58-100SC	5/8 (15.9)	100 (30.5) coil	1 pc.	18	45(20.5)
34-12SC	3/4 (25.4)	12 (3.7) coil	4 pcs.	20.5	22 (10)
34-25SC	3/4 (25.4)	25 (7.6) coil	2 pc.	20.5	22 (10)

For sizes and lengths other than those listed above, contact your local Salisbury representative.

INSTANT INSULATION

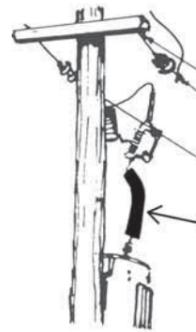
INSTANT INSULATION may be installed as permanent cover to protect against outages caused by weather, trees and animals. Instant Insulation resists ozone and ultraviolet deterioration while remaining flexible even at sub-zero conditions.

Instant Insulation is made of orange or grey SALCOR® elastomer. Instant Insulation is sold in three diameters, each 12 feet in length. Each include six nylon UV resistant bar-lock cable ties to secure it to the conductor.

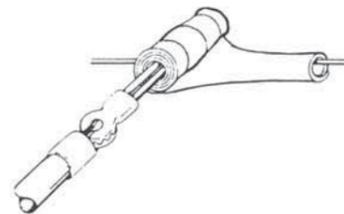
Instant Insulation can be installed using the **2494 Applicator**. To install, insert one end of the Instant Insulation into the applicator prongs, then roll and coil the insulation as shown. Secure the coil end with tape, cable ties, or rubber bands. To install, release the secured end and the Instant Insulation will unroll and enclose the conductor.



1127

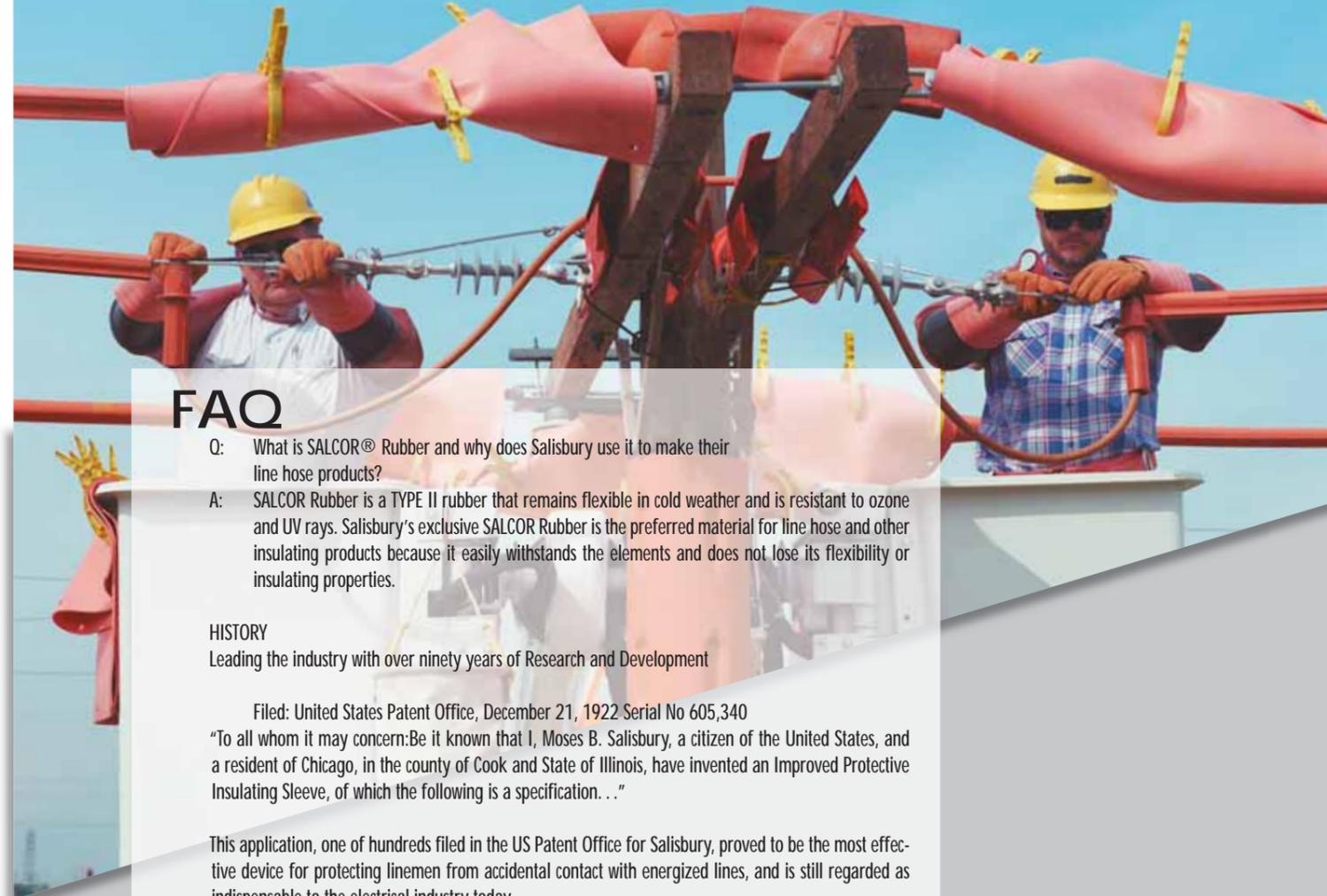


2494



Cat No.	Dimensions		Color	Weight ea.	
	in.	mm		lbs.	kgs
INSTANT INSULATION 12' / 3.6m long					
1127	.75 I.D.	19 I.D.	Grey	7	3.2
1128	.75 I.D.	19 I.D.	Orange	7	3.2
1129	1.00 I.D.	25 I.D.	Grey	8	3.6
1130	1.00 I.D.	25 I.D.	Orange	8	3.6
1131	1.25 I.D.	32 I.D.	Grey	10	4.5
1132	1.25 I.D.	32 I.D.	Orange	10	4.5
2494	Universal Hot Stick Applicator			1	.5

LINE HOSE & COVERS



FAQ

- Q:** What is SALCOR® Rubber and why does Salisbury use it to make their line hose products?
A: SALCOR Rubber is a TYPE II rubber that remains flexible in cold weather and is resistant to ozone and UV rays. Salisbury's exclusive SALCOR Rubber is the preferred material for line hose and other insulating products because it easily withstands the elements and does not lose its flexibility or insulating properties.

HISTORY

Leading the industry with over ninety years of Research and Development

Filed: United States Patent Office, December 21, 1922 Serial No 605,340

"To all whom it may concern: Be it known that I, Moses B. Salisbury, a citizen of the United States, and a resident of Chicago, in the county of Cook and State of Illinois, have invented an Improved Protective Insulating Sleeve, of which the following is a specification. . ."

This application, one of hundreds filed in the US Patent Office for Salisbury, proved to be the most effective device for protecting linemen from accidental contact with energized lines, and is still regarded as indispensable to the electrical industry today.

With over ninety years of research and development on linemen's protective equipment, Salisbury offers the most comprehensive line of protection up to 69 kV in the industry.

NOTE

All Salisbury Covers and Protective Equipment are designed for personal protection only. They are not to be used for mechanical protection.



BLANKETS

FAQ

Q: How often do I need to test blankets?

A: Blankets issued for service need to be tested once a year. See ASTM D479 8.1 for testing requirements.

SALISBURY EXCLUSIVE

Only Salisbury formulates compounds, mixes, molds and tests blankets in our own ISO 9000:2001 registered facilities.

NOTE

GENERAL CARE & INSPECTION OF SALISBURY RUBBER GOODS

Type I natural (non-ozone resistant) and Type II SALCOR® synthetic rubber (resistant to ozone) both provide electrical workers with the highest level of electrical insulating protection. However, in order to maintain this level of protection and ensure long life, it is essential that rubber goods are properly cared for. Before each use, rubber goods should be visually inspected for holes, embedded wires, rips or tears, ozone cutting, UV checking and signs of chemical deterioration. For additional information, refer to ASTM F1236, standard guide for visual inspection of electrical protective rubber products.



INSULATING PLASTIC GUARDS & COVERS

TESTING

ASTM F 712-06

TABLE 1 Typical Electrodes for Testing Plastic Guard Equipment

Types of Guards	Energized Inner Electrode for All Tests ^A	Outer Ground Electrode ^A	
		Proof Test Withstand Voltage	Flashover Leakage Tests
Line guards and line guard connectors	Round metal tube or bar.	Complete electrode ^B shall be spaced back from openings through which the energized electrode protrudes during the test only as necessary to avoid flashover. Therefore, the entire area of each cover shall be tested as nearly as practical.	4 x 6" flexible conductive pad placed alternately on all exterior surfaces and across conductor opening of guard and assembled guard system joints spaced back from openings through which the energized electrode protrudes during the test only as necessary to avoid flashover at outer ends.
Insulator covers and deadend covers	Maximum conductor, hardware and insulator assembly for which rated or similar mock-up including mandrel ^C of conductive material approximate. ^D		
Pole guards, ridge pin and switch blade covers	^E Round metal tube, fabricated mandrel ^C or cluster small metal tubes. ^D		
Arm guards Cutout covers	Round or rectangular metal tube or fabricated mandrel. ^D Largest cutout with bare leads covered with equal rated line hose. Or similar mock-up including mandrel ^C of conductive material. ^D		
Structural barrier	Rectangular metal sheets approximately 3mm (0.06") thick, having smoothly rounded edges and corners, have been found to be satisfactory for this purpose. Also satisfactory are wet felt or sponge-top electrodes.		

^A Moistened electrodes may be secured with rubber straps or blanket pins. Pressure-sensitive tape is helpful in securing dry metal foil electrodes.

^B Suitable materials include: metal foil or screen; tap water-moistened sponge sheeting, or blanket made of wool, or similar material including synthetics.

^C Thin metal sheet or screen wire secured on wood frames make suitable electrodes. Carved synthetic sponge moistened with tap water is suitable for small forms.

^D The dimensions of the mandrel are to approximate the maximum size of equipment to which the guard system is to be applied.

^E Metal canisters made for storing rubber blankets make suitable electrodes for pole guard tests.



TEMPORARY PROTECTIVE GROUNDING EQUIPMENT

NOTE

Our complete line of grounding equipment offers solutions for utility and industrial applications. Whether you prefer complete assemblies or individual components, Salisbury has a product to meet your needs.

Salisbury's Grounding Configurator™ makes ordering grounding equipment simple and easy. This interactive web tool allows you to easily build the proper temporary grounding equipment for your specific needs. The step by step process takes out the guess work, and makes it easy to change components until the most appropriate ground set is developed.

Just go to our web site and give it a try. You will be prompted from start to finish. All you need to know is the maximum fault current, its duration and the size of cable required on the fault, and the configurator will do the rest. No more second guessing quantities or parts to be sure that you have put together a ground set that will function just as you expect. When you finish, enter your personal information and the configurator will instantly provide you with the bill of materials including part numbers. All that's left to do is to place the order! Visit whsalisbury.com/configurator to use

Salisbury's exclusive Grounding Configurator™.



INSULATED JUMPERS

FAQ

- Q: How often do I need to test ground sets?
A: Ground jumpers issued for service should be tested in time intervals established to ensure that defective grounds are detected and removed from service in a timely manner. See ASTM F2249, 4.4 for specific testing requirements.
- Q: What are the benefits of the Sure-lok® Jumper clamp?
A: The Salisbury Sure-lok Jumper clamp is an improvement over other jumper clamps available. The Sure-lok features a ratchet-type locking mechanism (patent pending), which guarantees the clamp not to loosen once it is installed on a line.

Loose Jumper clamps not only jeopardize your safety but can also cause fires and power outages. Even when torqued using wrenches or pliers, traditional clamps will eventually loosen from line vibrations and thermal cycling. This clamp tightens with a ratchet action using one hand, with no extra tools for a secure, positive connection. It can't come loose until you want it to. Pull and turn the locking knob and it loosens like any traditional clamp.



INSULATORS

NEW

IMPROVED 23613 DEAD END/SUSPENSION INSULATOR

Salisbury's Improved 23613 Dead End/Suspension Insulator has aluminum end fittings. These new end fittings create a lightweight product that is easier to handle and provides a 15,000 pound ultimate tensile strength. The new aluminum end fittings withstands corrosion better than the previous galvanized steel SI series insulators, adding to the life of the insulator. 100% proof testing ensures trouble-free installation.

The insulator was tested in accordance with ANSI C29 and IEC1109.



WHENEVER POSSIBLE, ALWAYS DE-ENERGIZE LINES BEFORE WORKING ON OR AROUND THEM.

IMPORTANT SAFETY INFORMATION FOR PPE

ARC PROTECTION CLOTHING REQUIREMENTS

OSHA 29 CFR 1910.269 (l)(6)(iii) "The employer shall ensure that each employee who is exposed to the hazards of flames or electric arcs does not wear clothing that, when exposed to flames or electric arcs, could increase the extent of injury that would be sustained by the employee."

Clothing made from acetate, nylon, polyester, acrylic, polyethylene and rayon, in either pure or blended forms, should not be worn when working in hazardous environments.

Clothing made from 100% cotton or wool must be determined acceptable for the conditions the worker will be exposed to. Clothing made from flame-resistant materials, that meet current ASTM F1506, is acceptable.

ASTM F1506 details the specifications of a textile to be used by an electrical worker as a means of electrical arc protection. A garment must include a label, which states the following information: Tracking I.D. Code, Meets ASTM F1506, Manufacturer's name, Care Instructions & Fiber Content, Size, and "Arc Rating" - ATPV or E_{BT}.

ASTM F2178 is the test method used to measure arc rated products intended to protect the face of workers exposed to electrical arcs.

DANGERS OF ARC FLASH

Even relatively low voltages can be fatal. For example, electrical shocks produced from common 60 hz AC power passing from hand to foot for a duration of one second can have the following effects:

EFFECTS OF ELECTRICAL SHOCK

Current	Effects
1-3Milliamps	Tingling Sensation
3+Milliamps	Shock (pain)
10+Milliamps	Muscular Contractions (can't let go)
30+Milliamps	Respiratory Paralysis (may be fatal)
60+Milliamps	Ventricular Fibrillation (usually fatal)
4+Amps	Heart Paralysis (fatal)
5+Amps	Tissue Burning (fatal, vital organs destroyed)

ALWAYS PERFORM A HAZARD ASSESSMENT

The NFPA 70E Standard for Electrical Safety in the Workplace requires employers to perform an Electrical Arc Hazard Assessment. Each situation is *unique* and needs to be evaluated on its own merits. ASTM F1959 details the standardized test that must be used to determine the thermal protective value of textiles in an electric arc application.

Clothing selected for a particular application shall have an arc thermal performance value of (E_{BT} or ATPV) higher than the potential hazard to prevent the onset of 2nd degree burns.

ARC FLASH & GLOVE INFORMATIONAL VIDEOS ARE AVAILABLE. VISIT WHSALISBURY.COM/VIDEOS/ FOR MORE INFORMATION.

SALISBURY FR FABRICS

- Indura Ultra Soft® (register trademark of Westex) blend of 88% cotton and 12% high tenacity nylon substantially increase the fabric's abrasion resistance. Meets current NFPA 70E and ASTM F1506 standards.
- NOMEX® is a man made fiber resistant to heat, flame and chemicals. NOMEX® and KEVLAR® are registered trademarks of E.I. du Pont de Nemours and Company.
- Kevlar is a silky soft man-made fiber, Kevlar® is stronger than steel, combining great strength with great lightness.
- P84 is composed of aromatic backbone units only making it a recommended material for high temperature applications. P84® is a trademark of Inspec Fibres a Degussa company.
- Lenzing FR is a trademark of Lenzing AG. Lenzing FR® is a man-made cellulosic fiber made by Lenzing AG. It is permanently flame retardant treated in the fiber forming process.
- TuffWeld® (TUFFWELD® (60% Lenzing FR™ - 40% Kevlar®).) TUFFWELD® offers inherent FR protection with a high level of comfort and durability. Exceptional lightweight comfort with superb wicking so you can stay cooler and drier even under demanding conditions. TuffWeld® is a registered trademark of Southern Mills, Inc.
- SEF Modacrylic is the trademarked name for Solutia's line of modacrylic fibers.

SALISBURY PRO-WEAR Color Code	Hazard Risk Category (HRC)	Clothing Description (Typical Number of clothing layers given in parentheses)	Minimum Arc Thermal Performance Exposure Value (ATPV) Rating of PPE
Navy Blue	1	FR long-sleeve shirt and FR pants or FR coverall plus arc-rated face shield or switching hood (1)	4 cal/cm ²
	2	FR long-sleeve shirt and FR pants or FR coverall plus arc-rated face shield or switching hood (1 or 2)	8 cal/cm ²
	2*	FR long-sleeve shirt and FR pants or FR coverall plus switching hood (or faceshield with balaclava) (1 or 2)	8 cal/cm ²
Royal Blue	3	FR long-sleeve shirt and FR pants and FR coverall and FR jacket and FR pants or total FR clothing system with hood (2 or 3)	25 cal/cm ²
Gray / Khaki	4	FR long-sleeve shirt and FR pants and FR coverall and FR jacket and FR pants or total FR clothing system with hood (2 or 3)	40 cal/cm ²



DEFINITIONS

Arc Flash: An arcing fault is the flow of current through the air between phase conductors or phase conductors and neutral or ground. An arcing fault can release tremendous amounts of concentrated radiant energy at the point of the arcing in a small fraction of a second resulting in extremely high temperatures, a tremendous pressure blast, and shrapnel hurling at high velocity.

ASTM: American Society for Testing and Materials

Arc Thermal Performance Value (ATPV): This value is presented in calories per square centimeter and represents the maximum capability for arc flash protection of a particular garment. This rating also applies to fabrics, however, a garment made from more than one layer of arc flash rated fabric will have a calorie per square centimeter rating greater than the sum of the ATPV ratings of the original fabrics. The calories per square centimeter rating of most arc flash protection suits, coveralls, and coats is commonly sewn into the fabric in large letters on the outside of the garment.

Calories per Centimeter Squared (cal/cm²): This is a number identifying the amount of energy that can be delivered to a point at a particular distance from an arc flash. Once this value is known, the ATPV rating of the flash clothing required for work at that distance from the potential flash hazard is also known. See ATPV.

Calorie: A calorie is the energy required to raise one gram of water one degree Celsius at one atmosphere. The onset of second-degree burns may occur at 1.2 calories per centimeter squared per second. One calorie per centimeter squared per second can be equal to holding your finger over the tip of the flame of a cigarette lighter for one second.

De-energized: Free from any electrical connection to a source of potential difference and from electrical charge; not having a potential different from that of the earth.

Electrical Hazard: A dangerous condition such that contact or equipment failure can result in electric shock, arc flash burn, thermal burn, or blast.

Electrical Safety: Recognizing hazards associated with the use of electrical energy and taking precautions so that hazards do not cause injury or death.

Electrically Safe Work Condition: A state in which the conductor or circuit part to be worked on or near has been disconnected from energized parts, locked/tagged in accordance with established standards, tested to ensure the absence of voltage, and grounded if determined necessary.

Energy Breakopen Threshold (EBT): Primarily, this addresses the physical strength of the fabric with respect to thermal energy and at what arc-flash value the fabric will fail.

Flame-Resistant (FR): The property of a material whereby combustion is prevented, terminated, or inhibited following the application of a flaming or non-flaming source of ignition, with or without subsequent removal of the ignition source.

Flash Hazard: A dangerous condition associated with the release of energy caused by an electric arc.

Flash Hazard Analysis: A study investigating a worker's potential exposure to arc-flash energy, conducted for the purpose of injury prevention, the determination of safe work practices, and the appropriate levels of PPE.

Flash Protection Boundary: An approach limit at a distance from exposed live parts within which a person could receive a second degree burn if an electrical arc flash were to occur.

Flash Suit: A complete FR clothing and equipment system that covers the entire body, except for the hands and feet. This includes pants, jacket, and bee-keeper-type hood fitted with a face shield.

Hazard Risk Category (HRC): Categories defined by NFPA 70E to explain protection levels needed when performing tasks. The values range from -1 to 4. ATPV rated PPE is required for categories 1 through 4 as follows:

- Category 1: 4 cal/cm²
- Category 2: 8 cal/cm²
- Category 3: 25 cal/cm²
- Category 4: 40 cal/cm²

IEEE: The Institute of Electronics and Electrical Engineers (IEEE) (Note: IEEE1584 – 2002 Guide to Performing Arc-Flash Hazard Calculations).

Incident Energy: The amount of energy impressed on a surface, a certain distance from the source, generated during an electrical arc event. One of the units used to measure incident energy is calories per centimeter squared (cal/cm²).

Limited Approach Boundary: An approach limit at a distance from an exposed live part within which a shock hazard exists.

NEC The National Electrical Code: The NFPA Standard 70-2005 "The National Electrical Code" (NEC) (Note: paragraph 110.16 contains requirements for warning labels).

NFPA: The National Fire Protection Association.

NFPA 70E Standard: Standard that provides guidance on implementing appropriate work practices that are required to safeguard workers from injury while working on or near exposed electrical conductors or circuit parts that could become energized.

OSHA: Occupational Safety and Health Administration.

OSHA 29 CFR 1910, Subpart S-Electrical: Occupational Safety and Health Standards. Section 1910 Subpart S-Electrical Standard number 1910.333 specifically addresses Standards for Work Practices.

Prohibited Approach Boundary: An approach limit at a distance from an exposed live part within which work is considered the same as making contact with the live part.

Restricted Approach Boundary: An approach limit at a distance from an exposed live part within which there is an increased risk of shock, due to electrical arc over combined with inadvertent movement, for personnel working in close proximity to the live part.

Shock Hazard: A dangerous electrical condition associated with the possible release of energy caused by contact or approach to energized parts.

Voltage, Nominal: A nominal value assigned to a circuit or system for the purpose of conveniently designating its voltage class. The actual voltage at which a circuit operates can vary from the nominal within a range that permits satisfactory operation of equipment.

Working Near (live parts): Any activity inside a limited approach boundary.

Working On (live parts): Coming in contact with live parts with the hands, feet, or other body parts, with tools, probes, or with test equipment, regardless of the personal protective equipment a person is wearing.

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