Products You Trust, Quality You Expect, Safety You Need

World Leader in Electrical Safety PPE Made in the USA

Salisbury understands how important you are to the lives that depend on you and our commitment is to keep you safe by providing electrical safety PPE that has been trusted for over 150 years. Trust in Salisbury PPE to keep you protected on the job and ensure you come home safe each day.

Scan the code and learn more about the best in class PPE equipment.

SALISBURY
by Honeywell

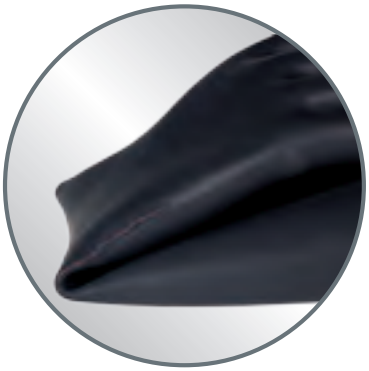
CONTENTS

COMMON **PROBLEMS** TO LOOK FOR

CRACKING & CUTTING:
Shown above is damage caused by prolonged folding or compressing.

UV CHECKING:
Storing in areas exposed to prolonged sunlight causes UV checking.

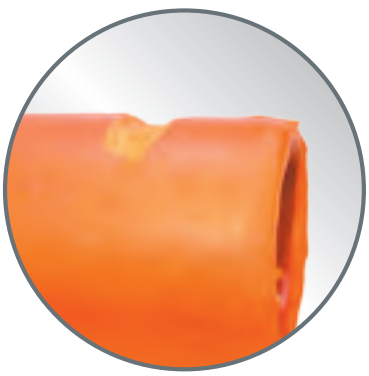
CHEMICAL ATTACK:
This photo shows swelling caused by oils and petroleum compounds.



AVOID FOLDING:
The strain on rubber at a folded point is equal to stretching the rubber to twice its length.

SNAGS:
Damage shown here is due to wood and metal splinters and other sharp objects.

AVOID STORING INSIDE OUT:
Storing reversed gloves strains the rubber severely and promotes ozone cutting.



PHYSICAL DAMAGE:
Rope burns, deep cuts and puncture hazards are cause for rejection.

CONTAMINATION:
Discard protectors contaminated with oil or petroleum compounds.

EMBEDDED WIRES:
Inspect for embedded wires or metal shavings that could puncture rubber gloves.

Type I natural (not resistant to ozone) 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 and stored. Before each use, rubber goods should be electrically and visually inspected for holes, rips or tears, ozone cutting, UV checking and signs of chemical deterioration, contamination, physical damage and embedded wires. Refer to ASTM F1236, standard guide for visual inspection of electrical protective rubber products for additional information.

GLOVES & SLEEVES

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.

SALISBURY
by Honeywell

MADE IN USA

MORE dexterity, **MORE** freedom, to get **MORE** done

You said you wanted **more** from your work gloves. Increased flexibility, extra comfort—yet engineered with the same superior quality and exacting standards you've come to expect from Salisbury.

We listened.

Introducing Electriflex™, the most flexible rubber insulating glove we've ever made. Designed to give linemen the ultimate in comfort and control, these gloves minimize hand fatigue and maximize performance—all while giving you best-in-class protection. With greater flexibility and dexterity, you can optimize every part of your workday and take on tasks with less stress and strain.

Flex technology isn't just about enhancing your productivity. It's also about making sure you return home safely today and continue to lead an active, comfortable life doing the things you enjoy tomorrow.

American Ingenuity At Work

For over 150 years, Salisbury has been your trusted partner in safety and a true leader in innovation. Using the highest quality materials and small batch precision, our engineers invented a new flex formula you can put to work today.

Electriflex™ Gloves are here.

SALISBURY LINEMEN'S GLOVES

STANDARDS INFORMATION

ASTM D120-09 EN60903:2003	Standard Specification for Rubber Insulating Gloves

ELECTRICAL SPECIFICATIONS

Class	AC Proof Test Voltage, rms, V	DC Proof Test Voltage, avg, V	Maximum Use Voltag AC, rms, V	Maximum Use Voltage DC, avg, V
2	20000	50000	17000	25500
3	30000	60000	26500	39750
4	40000	70000	36000	54000

MATERIAL SPECIFICATIONS

Material	Type I Natural Rubber	Not Resistant to Ozone
Tensile strength, min	2,500 psi (17.2 MPa)	
Tensile stress at 200%, max	300 psi (2.1 MPa)	
Ultimate elongation, min	600%	
Tension set, max at 400%	15%	
Tear resistance, min	120 lbf/in (21 kN/m)	
Puncture resistance, min	100 lbf/in (18 kN/m)	
Hardness, shore A max	47	
Accelerated aging 70+/-2 °C (158 +/- 3.6 °F), Circulating air, 7 days	Tensile strength and elongation of the specimen shall not be less than 80% of the original	

PHYSICAL SPECIFICATIONS

Class	Thickness
2	0.040-0.090 in. (1.02-2.29 mm)
3	0.060-0.115 in. (1.52-2.92 mm)
4	0.080-0.140 in. (2.03-3.56 mm)

ORDERING INFORMATION

CLASS	GLOVE CUFF STYLE	LENGTH in. (mm)	COLOR	SIZE
NG2	Straight Cuff	14 (356) , 16 (406)	B, RB, YB	7, 8, 8H, 9, 9H, 10, 10H, 11, 12
NG2	Straight Cuff	18 (457)	YB	7, 8, 8H, 9, 9H, 10, 10H, 11, 12
NG3	Straight Cuff	16 (406)	B, RB, YB	7, 8, 8H, 9, 9H, 10, 10H, 11, 12
NG4	Straight Cuff	16 (406)	RB	9, 9H, 10, 10H, 11, 12

CLASS	GLOVE CUFF STYLE	LENGTH in. (mm)	COLOR	SIZE
NG2	Bell Cuff	16 (406)	RB, YB	8, 8H, 9, 9H, 10, 10H, 11, 12
NG3	Bell Cuff	16 (406)	RB	8, 8H, 9, 9H, 10, 10H, 11, 12
NG4	Bell Cuff	16 (406)	RB	9, 9H, 10, 10H, 11, 12

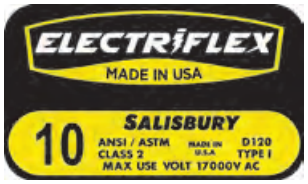
CLASS	GLOVE CUFF STYLE	LENGTH in. (mm)	COLOR	SIZE
NG2	Contour	18 (457)	RB, YB	7, 8, 8H, 9, 9H, 10, 10H, 11, 12
NG3	Contour	18 (457)	RB	7, 8, 8H, 9, 9H, 10, 10H, 11, 12
NG4	Contour	18 (457)	RB	9, 9H, 10, 10H, 11, 12

HIGH VOLTAGE MITTEN STYLE

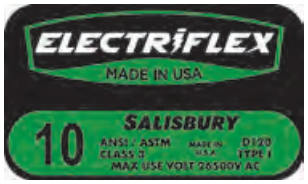
CLASS	GLOVE CUFF STYLE	LENGTH in. (mm)	COLOR	SIZE
NG2	Bell Cuff	14 (356) , 16 (406)	RB, YB	9, 10, 11
NG3	Bell Cuff	16 (406)	YB	9, 10, 11

PRODUCT MARKING

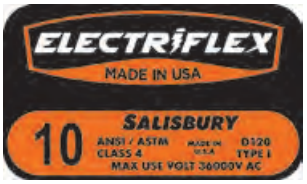
Patch attached to the cuff of each glove at the back of the hand	Includes Salisbury, ASTM D120 Compliance, Size, Max Use Voltage, Class, Type, Color coded based on class
Serial Number marked on each glove near cuff on thumb side	Provides product traceability
Electrical Test Date Mark	Available upon customer request



Patch Class 2, Type I, Size 10



Patch Class 3, Type I, Size 10



Patch Class 4, Type I, Size 10

Protective Rubber Equipment Labeling Chart

for Salisbury Natural Rubber and SALCOR® Rubber Protective Equipment

Rubber insulating gloves are available in six ASTM defined voltage classes. Rubber dipped sleeves are available in Class 0 through 4. The chart below identifies the class, proof test voltage and maximum allowable exposure voltage.

* Max. Use Voltage when worn with leather protectors.

Insulating Gloves and Sleeves must have a color coded label to meet appropriate ASTM Specifications.

Class Color	Proof Test Voltage AC / DC	Max. Use Voltage* AC / DC	Rubber Molded Products Label	Insulating Rubber Glove Label	Insulating Rubber Dipped Sleeve Label
00 Beige	2,500 / 10,000	500 / 750		10 SALISBURY ANSI / ASTM D120 CLASS 00 MADE IN U.S.A. TYPE I MAX USE VOLT 500V AC	
0 Red	5,000 / 20,000	1,000 / 1,500	SALISBURY "MAX. USE VOLTAGE: 1,000 V AC" CLASS 0 TYPE 1	10 SALISBURY ANSI / ASTM D120 CLASS 0 MADE IN U.S.A. TYPE I MAX USE VOLT 1000V AC	SALISBURY ANSI / ASTM D1051 CLASS 0 MADE IN U.S.A. TYPE I MAX USE VOLT 1000V AC
1 White	10,000 / 40,000	7,500 / 11,250	SALISBURY "MAX. USE VOLTAGE: 7,500 V AC" CLASS 1 TYPE 1	10 SALISBURY ANSI / ASTM D120 CLASS 1 MADE IN U.S.A. TYPE I MAX USE VOLT 7500V AC	SALISBURY ANSI / ASTM D1051 CLASS 1 MADE IN U.S.A. TYPE I MAX USE VOLT 7500V AC
2 Yellow	20,000 / 50,000	17,000 / 25,500	SALISBURY "MAX. USE VOLTAGE: 17,000 V AC" CLASS 2 TYPE 1	10 SALISBURY ANSI / ASTM D120 CLASS 2 MADE IN U.S.A. TYPE I MAX USE VOLT 17000V AC	SALISBURY ANSI / ASTM D1051 CLASS 2 MADE IN U.S.A. TYPE I MAX USE VOLT 17000V AC
3 Green	30,000 / 60,000	26,500 / 39,750	SALISBURY "MAX. USE VOLTAGE: 26,500 V AC" CLASS 3 TYPE 1	10 SALISBURY ANSI / ASTM D120 CLASS 3 MADE IN U.S.A. TYPE I MAX USE VOLT 26500V AC	SALISBURY ANSI / ASTM D1051 CLASS 3 MADE IN U.S.A. TYPE I MAX USE VOLT 26500V AC
4 Orange	40,000 / 70,000	36,000 / 54,000	SALISBURY "MAX. USE VOLTAGE: 36,000 V AC" CLASS 4 TYPE II	10 SALISBURY ANSI / ASTM D120 CLASS 4 MADE IN U.S.A. TYPE I MAX USE VOLT 36000V AC	SALISBURY ANSI / ASTM D1051 CLASS 4 MADE IN U.S.A. TYPE I MAX USE VOLT 36000V AC

SALISBURY RUBBER INSULATING GLOVES & MITTENS

HIGH VOLTAGE - ASTM CLASS 1, 2, 3, 4 & LOW VOLTAGE - ASTM CLASS 00, 0

CLASS 1 THROUGH 4 GLOVES are available in 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. Manufactured in the USA Salisbury Class 1,2,3,4 Gloves meet or exceed ASTM D120 and IEC EN60903 standards.

Class 1 through 4 gloves are available in **STRAIGHT CUFF**, **CONTOUR CUFF** and **BELL CUFF** in 14," (356 mm), 16" (406 mm) and 18" (457 mm) lengths. Sizes 7-12 including half sizes and in Black, Red/Black and Yellow/black color combinations.

SALISBURY LINEMEN'S MITTENS are made from the same durable lightweight rubber as the five finger gloves, yet designed to keep the user warmer during harsh temperatures. Mittens are offered in a Bell Cuff style in Class 2 and 3, sizes 9, 10, 11 and in Red/Black and Yellow/Black color combinations.

SELECTING THE RIGHT SIZE, LENGTH AND STYLE

Salisbury linemen's gloves are available in a full range of sizes, from 7 through 12, including half sizes on 8, 9, and 10. 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 LOW VOLTAGE CLASS 00 AND 0 GLOVES

are available in 11 and 14 inch lengths.

CLASS 00 Electrical Insulating Rubber Gloves are made from red, black or yellow Type I natural rubber and in 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.

CLASS 0 Electrical Insulating Rubber Gloves are available in red, black or yellow, and contrasting black/yellow colors in Type I Natural Rubber. The contrast between the outer yellow color against the inner black color makes inspecting for cuts and tears easier when the glove is inflated or stretched. These gloves are also available in blue or contrasting blue/orange colors Type II SALCOR® rubber.

SALISBURY ADVANTAGE

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

Straight Cuff
E114RB/7

Straight Cuff
E418B/9H

Bell Cuff
E316BCRB/9

Bell Cuff
E418BCYB/9

Contour Cuff
E318CYB/8H

Linemen's Mittens
EM216BCRB/10

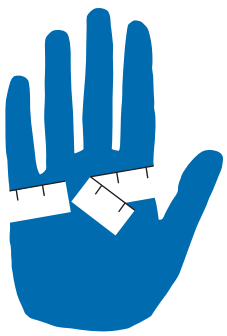
RUBBER INSULATING GLOVES STANDARD OFFERING*

HIGH VOLTAGE GLOVES

CLASS	GLOVE CUFF STYLE	LENGTH in. (mm)	COLOR	SIZE
E1	Straight Cuff	14 (356) , 16 (406)	B, RB, YB	7, 8, 8H, 9, 9H, 10, 10H, 11, 12
E2	Straight Cuff	14 (356) , 16 (406)	B, RB, YB	7, 8, 8H, 9, 9H, 10, 10H, 11, 12
E2	Straight Cuff	18 (457)	B	7, 8, 8H, 9, 9H, 10, 10H, 11, 12
E3	Straight Cuff	14 (356)	RB	7, 8, 8H, 9, 9H, 10, 10H, 11, 12
E3	Straight Cuff	16 (406), 18 (457)	B, RB, YB	7, 8, 8H, 9, 9H, 10, 10H, 11, 12
E4	Straight Cuff	16(406), 18 (457)	B, RB, YB	9, 9H, 10, 10H, 11, 12
CLASS	GLOVE CUFF STYLE	LENGTH in. (mm)	COLOR	SIZE
E1	BELL CUFF	14 (356)	RB	8, 8H, 9, 9H, 10, 10H, 11, 12
E2	BELL CUFF	14 (356) , 16 (406), 18 (457)	RB, YB	8, 8H, 9, 9H, 10, 10H, 11, 12
E2	BELL CUFF	16 (406)	B, YB	8, 8H, 9, 9H, 10, 10H, 11, 12
E3	BELL CUFF	16 (406), 18 (457)	RB, YB	8, 8H, 9, 9H, 10, 10H, 11, 12
E4	BELL CUFF	16 (406), 18 (457)	YB	9, 9H, 10, 10H, 11, 12
CLASS	GLOVE CUFF STYLE	LENGTH in. (mm)	COLOR	SIZE
E1	CONTOUR	18 (457)	RB	7, 8, 8H, 9, 9H, 10, 10H, 11, 12
E2	CONTOUR	18 (457)	RB, YB	7, 8, 8H, 9, 9H, 10, 10H, 11, 12
E3	CONTOUR	18 (457)	RB, YB	7, 8, 8H, 9, 9H, 10, 10H, 11, 12
E4	CONTOUR	18 (457)	RB	9, 9H, 10, 10H, 11, 12

HIGH VOLTAGE MITTEN STYLE

CLASS	GLOVE CUFF STYLE	LENGTH in. (mm)	COLOR	SIZE
E2	BELL CUFF	14 (356) , 16 (406)	RB, YB	9, 10, 11
E3	BELL CUFF	16 (406)	YB	9, 10, 11



GLOVE SIZING
Measure the circumference around the palm.

E0011BLO/9 E0011BL/9 E0011RY/9 E011B/8 E011R/7

LOW VOLTAGE GLOVES - STANDARD OFFERING*

CLASS	GLOVE CUFF STYLE	LENGTH in. (mm)	COLOR	SIZE
E00	STRAIGHT	11 (279)	B, R, Y, RY, BL, BLO	7, 8, 8H, 9, 9H, 10, 10H, 11, 12
E00	STRAIGHT	14 (356)	B, R, BL, BLO	7, 8, 8H, 9, 9H, 10, 10H, 11, 12
E0	STRAIGHT	11 (279)	B, R, Y, BY, BL, BLO	7, 8, 8H, 9, 9H, 10, 10H, 11, 12
E0	STRAIGHT	14 (356)	B, R, Y, RY, BY, BL, BLO	7, 8, 8H, 9, 9H, 10, 10H, 11, 12

*Minimum order quantities may apply to certain standard glove options.
Please contact Salisbury Customer Service for a complete minimum order quantity glove part list.

MAKING A PROPER INSPECTION

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 **G100** 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®.

G99


G100


INF-6

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.

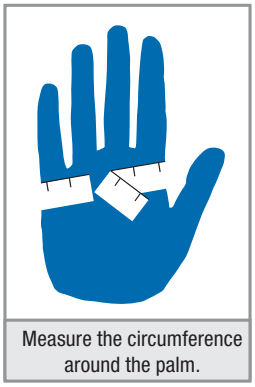
INF SERIES GLOVE INFLATORS & SLEEVE EXPANDERS

Proper safety requires frequent inspection of gloves and sleeves. These glove inflators and sleeve expanders provide an efficient way to conduct complete and thorough visual inspections before and after use in the field. They are easy to install, simply to operate, accommodates all sleeve and glove sizes and takes up minimal floor space. Compressed air source required.

CAT. NO.	DESCRIPTION
G99	Glove Inflator Kit
G99B	Replacement Bag
G99S	Replacement Strap
G99V	Replacement Check Valve
G100	Glove Inflator Kit with Adapter
G100A	Low Voltage Glove Adapter
INF-1LV	Standard Bench Glove Inflator (Low Voltage Gloves)
INF-1HV	Standard Bench Glove Inflator (High Voltage Gloves)
INF-2LV	Standard Bench Model Glove Inflator with Air Line Connection (Low Voltage Gloves)
INF-2HV	Standard Bench Model Glove Inflator with Air Line Connection (High Voltage Gloves)
INF-3LV	Standard Floor Model Glove Inflator with Air Line Connection and Adjustable Stand (Low Voltage Gloves)
INF-3HV	Standard Floor Model Glove Inflator with Air Line Connection and Adjustable Stand (High Voltage Gloves)
INF-5	Bench Model Air-Bag Inflator for High and Low Voltage Gloves
INF-6	Standard Sleeve Expander
INF-7	Replacement Glove Inflator Boots for Air Bag Glove Inflators
INF-8	Replacement Bladders for Sleeve Expander (with closed ends) - Set of three
INF-9	Single Replacement Bladders for Sleeve Expander (with closed ends) - Outside Bladder only


G100 with inflated low-volt glove ready for inspection.


G100A



Measure the circumference around the palm.

LEATHER PROTECTOR GLOVES should always be worn over Rubber Insulating Gloves to provide the needed mechanical protection against cuts, abrasions and punctures. 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.

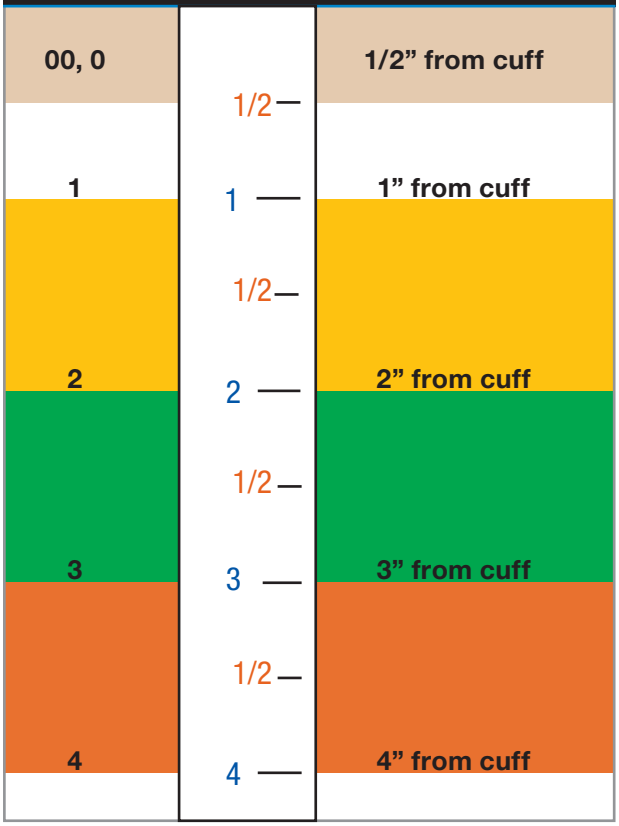
All Salisbury Leather Protectors meet ASTM F696 standards.

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

Proper care of leather protectors is essential to user safety. Proper care of leather protectors is essential to user safety. Inspect the leather protectors when inspecting rubber gloves for common problems such as cracking & cutting, chemical attaching, folding, snags, etc that result from metal particles, imbedded wire, abrasive materials or any substance that could physically damage the rubber gloves.

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.

MINIMUM DISTANCE FROM PROTECTOR AND RUBBER GLOVE



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 F696 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.

NEXT GENERATION LEATHER PROTECTORS

NEXT GENERATION LEATHER PROTECTORS Next Generation Leather Protectors are manufactured from top grade cowhide and goatskin leather. Protectors are crafted using heavy duty 4ply cotton thread and are equipped with a nonmetallic buckle for a secure fit.

Salisbury by Honeywell is proud to introduce the Next Generation Leather Protector which is designed exclusively for the insulated Electriflex™ rubber gloves. These new leather protectors offer utility workers the comfort and dexterity needed to get the job done. Next Generation Leather Protectors are available in a variety of whole and half sizes in three different lengths, 12", 14" and 16". The redesigned leather protector was constructed to help amplify the flexibility of the Electriflex™ gloves.

To help amplify the flexibility of the Electriflex™ Gloves, we redesigned our leather protectors:

- Clute design for a more customized fit with Electriflex™
- Crafted with premium grade leather
- Durable cowhide cuff for tough working conditions
- Goatskin hand protection ensures comfort, flexibility and better dexterity

CAT. NO.	STYLE	OAL LENGTH in. (mm)	WEIGHT EA. lbs. (kgs)
NEXT GENERATION LEATHER PROTECTORS			
NGILP3S	Straight Cuff	12" (305)	0.50 (0.23)
NGILP5S	Straight Cuff	14" (355)	0.62 (0.28)
NGILP7S	Straight Cuff	16" (406)	0.76 (0.34)

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

ILPG10

ILP10A

ILP3S

ILP7C

ILPM5S

156-4

156-6

Salisbury's SALCOR® cuff provides maximum protection.

156 PREMIUM SERIES 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

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. A full offering of styles is available from 10" through 16" contour cuff. Leather protectors are available 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. Leather protectors are available in sizes 9, 10 and 11.

CAT. NO.	OAL LENGTH in. (mm)	WEIGHT EA. lbs. (kgs)
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 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

PROPER STORAGE EXTENDS THE SERVICE LIFE OF LINEMEN'S GLOVES. Folds and creases strain rubber and cause it to crack from ozone exposure 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.

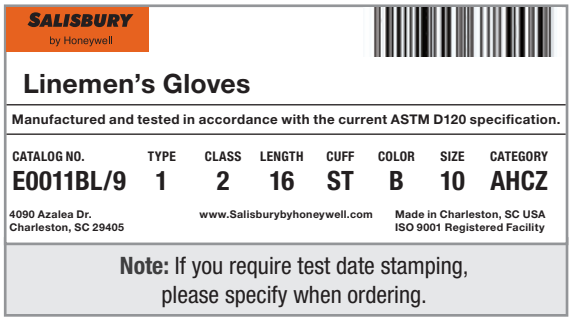
Salisbury bags are constructed of heavy duty canvas duck and are double stitched and riveted at stress points for extra durability. Canvas bags feature a D ring for hanging in trucks or on work belts. Bags feature tapered gussets with wide opening tops for easy insertion.

GLOVE AND PROTECTOR COMBO BAGS contain two layered pockets in one bag. Now, both a pair of gloves and protectors can be properly stored in one convenient bag. Never worry about having to bring more than one bag from job site to job site.

CAT. NO.	FOR GLOVE Length in. (mm)	DIMENSIONS inches (mm)	WEIGHT EA. lbs. (kgs)
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)
14.75 OZ. CANVAS GLOVE & PROTECTOR BAGS			
GPB112	12 (305)	9" x 14" (229 x 356)	1 (.5)
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)
GLOVE & SLEEVE COMBO BAGS			
2C16	14 (356) 16 (406)	9" x 18" (229 x 457)	1.2 (.6)
2C18	18 (457)	9" x 20" (229 x 508)	1.5 (.7)

GB116


GPB116



SALISBURY ADVANTAGE

GLOVE KITS

Salisbury's insulating rubber gloves are necessary for every electrical worker's complete safety. And to ensure 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	GLOVE SIZE (choose one below)
GK 00	11 or 14	B, BL, Y, R	7, 8, 8H, 9, 9H
GK 0	11 or 14	B, BL, Y, R	10, 10H, 11, 12
GK 2	14, 16, or 18	B, RB	
Example: **GK011**BL9	11	BL	9

GK011BL9 is a glove kit with a Class 0, 11" long, blue glove, size 9. The appropriate glove bag and leather protectors will be included.

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

GK0011BL9

Figure 1

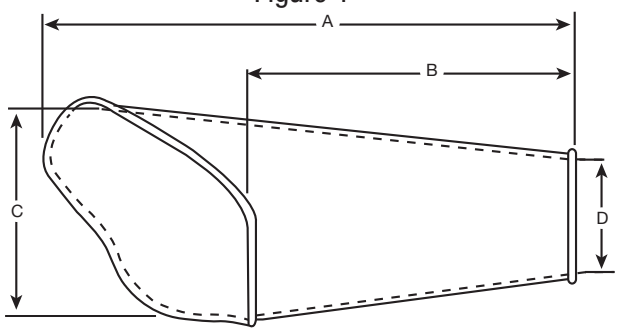
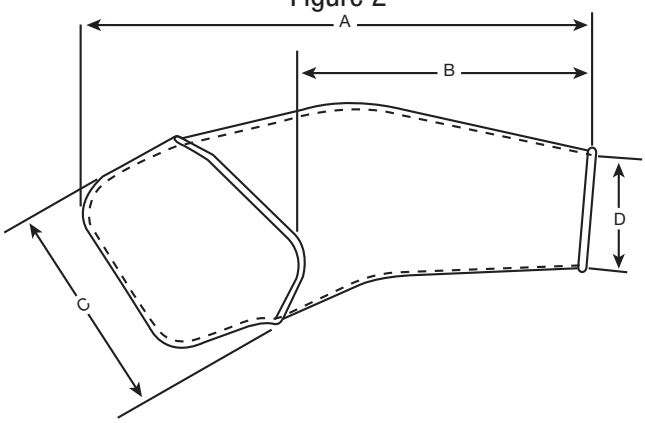


Figure 2



RUBBER INSULATING SLEEVES extend coverage of the arm from 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. 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.

SIZING LINEMEN'S SLEEVES

STRAIGHT ARM SLEEVE- Figure 1

	A in. (m)	B in. (mm)	C in. (mm)	D in. (mm)
SMALL	**24.25 (616)**	15.13 (384)	12.5 (317)	5.75 (146)
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 in. (mm)	B in. (mm)	C in. (mm)	D in. (mm)
SMALL	**24.25 (616)**	15.13 (384)	12.5 (317)	5.75 (146)
REGULAR	**26.5 (673)**	15.5 (394)	12.25 (311)	5.25 (133)
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)

MADE IN USA

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 offers two popular styles of dipped linemen's sleeves: straight and extra-curved. Both styles are available in solid 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.

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.

CAT. NO. BREAKDOWN FOR DIPPED TYPE I SLEEVES

VOLTAGE CLASS	SIZE	COLOR
D0	S, R, L or XL	Y = yellow
D1	S, R, L or XL	B = black
D2	S, R, L or XL	YB = Y inside, B out
D3	S, R, L or XL	RB = R inside, B out
D4	S, R, L or XL	YR = Y inside, R out

S=small, R=regular, L=large or XL=extra large
Add suffix "-ST" to order straight cuff or "-EC" to order extra-curved cuff
EXAMPLE: D2LYB-ST is a Large Yellow inside, Black outside Straight Cuff Dipped sleeve

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 or XL=extra large
B=black, Y=yellow or M=maroon
EXAMPLE: 2RB is a Class 2, Regular, Black Molded Sleeve

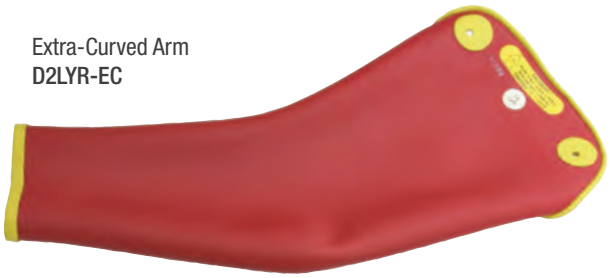
CAT. NO. BREAKDOWN FOR MOLDED TYPE II SLEEVES

VOLTAGE CLASS	SIZE	COLOR
1	R or L	BS or OS
2	R, L or XL	BS or OS

R=regular, L=large or XL=extra large
BS=black SALCOR® OS=orange SALCOR®
EXAMPLE: 2LOS is a Class 2, Large, Orange Molded Sleeve.

Straight Arm
D2RYB-ST

Extra-Curved Arm
D2LYR-EC



Molded Black
Type I
2RB

Molded Yellow
Type I
3LY

Molded Orange
Type II
2ROS

D Ring on back

T32

T31

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.

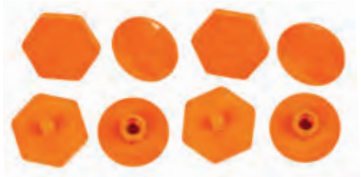
ACCESSORIES

SLEEVE BUTTONS, STRAPS AND HARNESSES are required to wear rubber insulating sleeves properly. Four buttons, two straps and one harness is required per pair of sleeves.

CAT. NO.	DESCRIPTION	WEIGHT EA. lbs. (kgs)
CANVAS SLEEVE BAG		
T31	30" x 9.5" (762 x 241 mm)	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	(2) 15" (381 mm) Straps w/ 4 B2 Buttons	.1 (.005)
S1NB	(2) 15" (381 mm) Straps	.1 (.005)
HARNESS		
H1	Harness w/ 4 B2 Buttons	1 (.45)

S1

H1



B22

Two-piece sleeve button

4 required per pair of sleeves

B2

One piece sleeve button

4 required per pair of sleeves

SALISBURY LINEMEN'S GLOVE LINERS

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 made of 85% acrylic, 15% nylon and is a rust color.

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, 85% Acrylic & 15% Nylon	Knit	10 (254)	.12 (.06)

One size fits all.

L10J

L10JK

L12J

L12MKC

L10MkW

89/1402

89/4702

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.

DRIVER 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.

UWG-KLG - KEVLAR® UTILITY GLOVE - CUT RESISTANT
This all purpose work glove is highly cut-resistant and features a 100% KEVLAR® lining. This glove has great dexterity and durability.

UWG-HUXT - PRO UTILITY GLOVE - MAX ABRASION RESISTANT This all purpose work glove has maximum abrasion resistance, good dexterity and breathability. The top of the hand features stretch nylon and the extended cuff includes asphalt reinforcement on the palm side.

UWG-KLG

UWG-HUXT

LW2SPE

I95/217/WHS

SP-L

CAT. NO.	DESCRIPTION	LENGTH in. (mm)	WEIGHT EA. lbs. (kgs)
SALPOL GLOVES			
SP-S	Small Size Polar Glove	n / a	.5 (.23)
SP-L	Large Size Polar Glove	n / a	.5 (.23)

CAT. NO.	DESCRIPTION	WEIGHT EA. lbs. (kgs)
DRIVERS & LINEMEN WORK GLOVES		
I95/217/WHS*	Unlined	.3 (.14)
I95/317/WHS*	Lined	.3 (.14)
LW2SPE**	Cowhide leather, natural pigskin cuff	.4 (.18)
LWG2SPE**	Goatskin leather, natural pigskin cuff	.4 (.18)
UWG-KLG*	KEVLAR utility glove - cut resistant - all purpose	-
UWG-HUXT*	Pro utility glove - max abrasion resistant - all purpose	-

* Add "-S" for small, "-M" for medium, "-L" for large, "-XL" for extra large
** 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. It dissolves and removes grease, oil, ink, tar, pipe dope, creosote, paint and more without harming natural rubber or SALCOR® rubber. Product cleans with or without water and contains skin conditioners that leave a fresh citrus scent.

SALISBURY'S RUB-OUT® TOWELETTES are pre-moistened, 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, non-scratching 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 5-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® only. Forms an oxygen barrier which helps reduce corona 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.

CAT. NO.	DESCRIPTION	WEIGHT EA. lbs. (kgs)
RUB-OUT® HAND CLEANER		
1451	16 oz. (.45 kg) can, 12/pack	16 (7.3)
1453	Dispenser for 4.5 lbs. (2 kg) can	1 (.5)
RUB-OUT® TOWELETTES		
1460	Bucket of 60, 6 buckets / Case	14 (6.4)
1461	Single Packets, 100 Singles / Case	3 (1.4)
TEN-FOUR® GLOVE DUST		
10-4	12 @ 5 oz. (170g) squeeze bottles	5.5 (2.2)
10-4-4QT	4 quarts (3.8 ltrs.) bulk, single	8 (3.6)
SUPER SALCO® DETERGENT		
S4	1 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)

1460

S5

1461

1451

10-4

S99

LINE HOSE & COVERS

SALISBURY

by Honeywell

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, has 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.

The connector, formed at one end, receives and overlaps the end of an adjoining hose for a distance of 6.5" (165 mm).

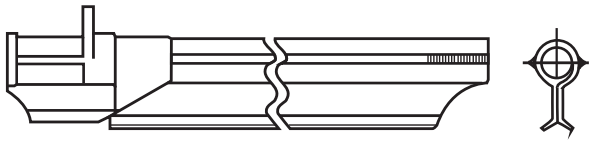
Use the chart below to determine the maximum conductor diameter recommended for use with each size line hose. For ease of installation and to minimize the potential of flashover through the overlapping lips, line hose is always sized larger than the maximum conductor diameter.

Salisbury Line Hose is available in four ASTM D1050 styles, as shown below:

Style A
Class 2 & 3
Straight Conventional

Style B
Class 2 & 3
Connector End Conventional

Style C
Class 4
Extended Lip Straight



Style D
Class 4
Extended Lip Connector End

LINE HOSE SIZE SELECTOR CHART

I.D. OF LINE HOSE IN. (MM)	CONDUCTORS AND DIAMETERS IN. (MM)							
	4/0 .46 (12)	266,800 .609 (15.5)	336,400 .677 (17)	477,000 .793 (20)	556,500 .858 (22)	795,000 1.028 (26)	954,000 1.126 (29)	1,351,500 1.34 (35)
1 (25)	20 kV Conventional							
1 1/4 (31)	20 kV Conventional							
1 1/2 (38)	30 kV Conventional							
1 1/2 (38)	40 kV SU System							
2 (51)	30 kV Conventional							
2 (51)	40 kV SU System							
2 1/2 (64)	30 kV Conventional							
2 1/2 (64)	40 kV SU System							

CONVENTIONAL STYLE LINE HOSE is available in orange Type II SALCOR®. SALCOR® remains flexible even in cold weather and it is not damaged by ozone or ultraviolet rays. Each line hose has Salisbury's RIB-GRIP® Locking System. The straight or connector end style is available in three sizes: 1" and 1.25" I.D. rated at 17 kV, Class 2 and 1.5" I.D. rated at 26.5 kV, Class 3.

STRAIGHT STYLE SALCOR® HOSE is also available in 2" or 2.5" I.D. rated at Class 3.

CONVENTIONAL LINE HOSE CONNECTORS are made from Type II orange SALCOR® and can be used on 1", 1.25", or 1.5" I.D. conventional line hose. To connect 2" and 2.5" I.D. conventional line hose, use the SU System Connector.

THE TIGHTEST GRIP IN THE INDUSTRY.

The self-locking lip, that Salisbury patented, prevents line hose from coming off the conductor after an installation is complete. Often, as a lineman is working on an installation and making adjustments, the angle of connection shifts, causing line hose and covers to separate. To prevent this, Salisbury developed an ingenious solution for ensuring that any two protective devices would hold together yet still be easy for a lineman to assemble and take apart.

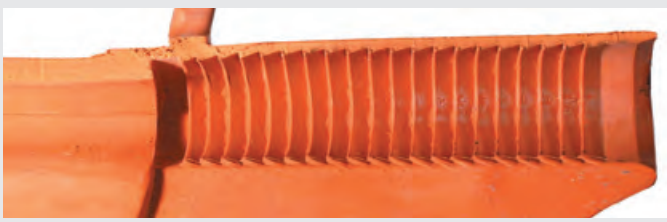
RIB-GRIP® construction takes advantage of rubber's natural tendency to grip and tighten its grip through compression. By creating curving rib configurations slit at a specific angle, two pieces easily slip together but resist coming apart. To quickly disengage the lineman needs only to compress the rubber on either side.

RIB-GRIP® Locking System

Sectional view of typical insulator cover showing arrangement of ribs. Ribs are engineered to grip the serrations on its corresponding line hose, regardless of angle.

A row of serrations on both sides of connector line hose grips snugly inside the large arm of insulator covers.

Saw-tooth serrations on the ends of line hose are angled to make it easy to insert, but resist coming apart.



Connector end line hose with rubber ribs grasp tightly and hold an adjoining length of hose.

ORC125

OR150-3

OR125-45C

ORC150-6

CAT. NO.	ASTM CLASS	TYPE	DIMENSIONS I.D. X LENGTH in.	(mm)	WEIGHT EA. lbs. (kgs)
SALCOR® STRAIGHT LINE HOSE					
OR100-3	2	II	1" x 3'	(25 x 915)	3 (1.4)
OR100-45	2	II	1" x 4.5'	(25 x 1372)	4 (1.8)
OR100-6	2	II	1" x 6'	(25 x 1820)	5.5 (2.5)
OR125-3	2	II	1.25" x 3'	(31.5 x 915)	4 (1.8)
OR125-45	2	II	1.25" x 4.5'	(31.5 x 1372)	6 (2.7)
OR125-6	2	II	1.25" x 6'	(31.5 x 1820)	7.5 (3.4)
OR150-3	3	II	1.5" x 3'	(40 x 915)	5 (2.3)
OR150-45	3	II	1.5" x 4.5'	(40 x 1372)	7 (3.2)
OR150-6	3	II	1.5" x 6'	(40 x 1820)	9.5 (4.3)
OR200-3	3	II	2" x 3'	(50 x 915)	5.5 (2.5)
OR200-45	3	II	2" x 4.5'	(50 x 1372)	8 (3.6)
OR200-6	3	II	2" x 6'	(50 x 1820)	11 (5.0)
OR250-3	3	II	2.5" x 3'	(63 x 915)	7 (3.2)
OR250-45	3	II	2.5" x 4.5'	(63 x 1372)	10.5 (4.8)
OR250-6	3	II	2.5" x 6'	(63 x 1820)	14 (6.4)
SALCOR® CONNECTOR END LINE HOSE					
OR100-3C	2	II	1" x 3'	(25 x 915)	3.5 (1.6)
OR100-45C	2	II	1" x 4.5'	(25 x 1372)	5 (2.3)
OR100-6C	2	II	1" x 6'	(25 x 1820)	6.5 (2.9)
OR125-3C	2	II	1.25" x 3'	(31.5 x 915)	4.5 (2.0)
OR125-45C	2	II	1.25" x 4.5'	(31.5 x 1372)	6.5 (2.9)
OR125-6C	2	II	1.25" x 6'	(31.5 x 1820)	7 (3.2)
OR150-3C	3	II	1.5" x 3'	(40 x 915)	6 (2.7)
OR150-45C	3	II	1.5" x 4.5'	(40 x 1372)	8 (3.6)
OR150-6C	3	II	1.5" x 6'	(40 x 1820)	9 (4.1)
LINE HOSE CONNECTORS					
ORC100	2	II	1" x 1'	(25.4 x 305)	2.5 (1.1)
ORC125	2	II	1.25" x 1'	(32 x 305)	3.5 (1.6)
ORC150	3	II	1.5" x 11'	(38 x 305)	3 (1.4)

ALL LINE HOSE COMPLIES WITH CURRENT ASTM D1050 SPECIFICATIONS.

PROTECTORS & COVERS
CONVENTIONAL SYSTEM

Insulator Covers, in orange, weather resistant Type II **SALCOR®**, are used with conventional line hose to cover pin-type insulators. All covers feature **RIB-GRIP®** construction to lock to the underside of the insulators. The large diameter arm overlaps the small arm of the adjoining cover on double arm constructions which provides complete insulation at the joint regardless of the varying distance between pins.

Dead End Protectors cover 4.25" and 6" bells or polymer insulators with a skirt diameter of less than 6". The protectors are made from orange Type II **SALCOR®** with **RIB-GRIP®** construction. **OR101** has outer ribs that allow it to be used with 2" and 2.5" I.D. Conventional Line Hose when using the UC2 connector. The smaller **OR114** may also be used to cover transformer bushings up to 4.75" in diameter. **OR124** can cover polymer insulators up to 4.75" in diameter and 25" overall length including hardware. Replacement Straps are available.

To work on live lines safely, conductors encased in a line hose should never be placed directly on a cross arm. **CROSS ARM COVERS** reduce electrical stresses on line hose or jumpers. Cross Arm Covers fit standard cross arm pin spacing and each unit has interior ribs to minimize shifting on the arm.

Flexible **CUTOUT COVERS** can be used for overhead cutouts as well as for underground pad-mount applications. Cutout Covers comply with the current ASTM D1049 (ASTM Specifications for Rubber Insulating Covers) specifications.


OKRG


OJRG


OFRG

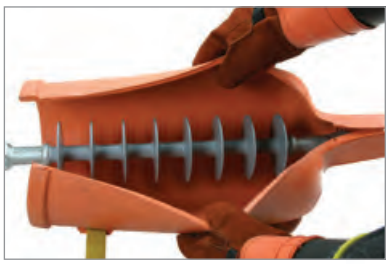

OR101

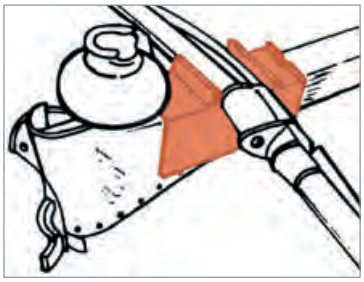

OR114

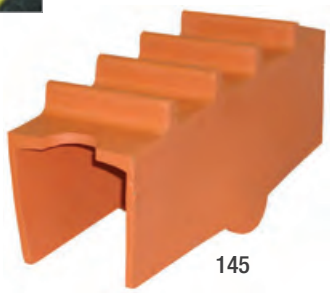

OR124


N24

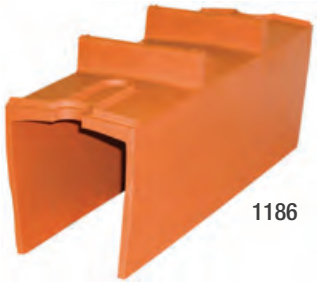
N36






145


CC24

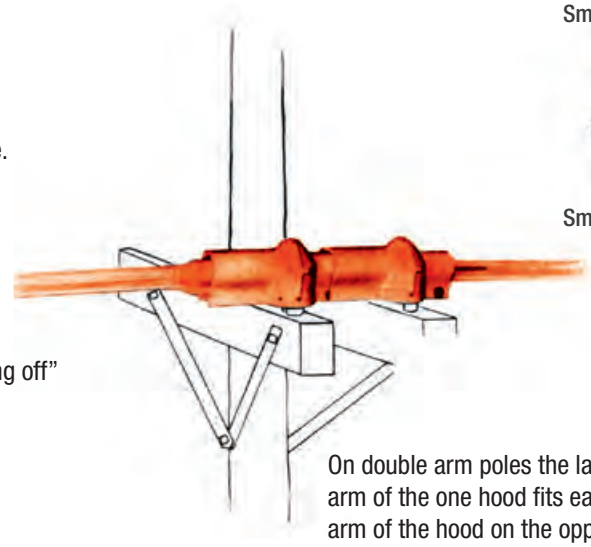

1186

CAT. NO.	CLASS	DESCRIPTION in (mm)		OVERALL DIMENSIONS in (mm)	WEIGHT EA. lbs. (kgs)
		FOR USE WITH			
INSULATOR COVERS		INSULATOR CLASS	LINE HOSE SIZE		
OFRG	2	55-1/2/3	1" (25.4)	14.5" x 5" (368 x 127)	5 (2.3)
OJRG	2	55-4	1" (25.4)	16" x 6.5" (406 x 165)	6 (2.7)
OKRG	3	55-5	1.25", 1.5" (32 , 38)	16" x 8" (406 x 203)	7 (3.2)
		FOR USE WITH			
DEAD END PROTECTORS		BELL SIZE	LINE HOSE SIZE		
OR101	2	2-6"(152.4)	1" (25.4)	6.5" x 23" (165 x 584)	10 (4.6)
OR114	3	1-4.25" (108)	1.5" (38)	4.75" x 14" (121 x 356)	4 (1.8)
OR124	3	2-4.25" (108)	15" (38)	4.75" x 29" (121 x 737)	7.5 (3.4)
CROSS ARM COVERS		USE ON CROSS ARMS UP TO			
145	2	4" x 4.5" (102 x 114)		14.5" x 4.63" x 4.15" (368 x 117 x 105)	3 (1.4)
1186	4	5.5" x 6" (140 x 152)		17.0" x 6.0" x 5.5" (432 x 152 x 140)	5 (2.3)
CUTOUT COVERS					
CC24	2	-		24" x 15" x 3.5" (600 x 376 x 88)	5 (2.3)
CC30	4	-		30" x 20" x 7" (750 x 500 x 175)	10 (4.5)
REPLACEMENT STRAPS					
N24		For 114 & 124 Series		.75 x 30 (18 x 588)	2 oz. (56.7 g)
N36		For 101 Series		.75 x 36 (18 x 882)	2 oz. (56.7 g)

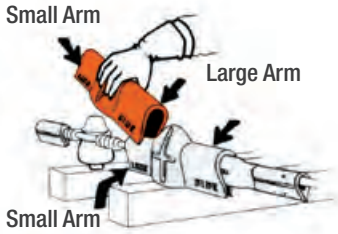
ALL COVERS COMPLY WITH CURRENT ASTM D1049 SPECIFICATIONS.

Put on with a firm downward pressure.

Remove by "rolling off" sideways.



On double arm poles the larger extending arm of the one hood fits easily over the small arm of the hood on the opposite insulator.



Attaching the hoods to opposite insulators on double arms.

LINE HOSE
EXTENDED LIP SU SYSTEM

The **EXTENDED LIP SU SYSTEM** is the only complete flexible cover-up available for use on voltages through 34.5 kV. Extremely versatile, it may be installed by hand, wearing rubber insulating gloves, from an insulated aerial device or platform, or with hot sticks using the SU applicators.

Manufactured from superior **SALCOR®** Type II elastomer, it is resistant to the effects of ozone and ultraviolet deterioration. It remains flexible even at sub-zero temperatures.

Salisbury's **RIB-GRIP®** construction securely interlocks with its corresponding covers and connectors. Tapered lips facilitate easy starting on the conductors. The contour cut ends accommodate the skirts of pin type insulators and permit the hose to cover the line snug to a saddle or clamp.

Available as **STRAIGHT LINE HOSE** or with a Connector End for easier connection of line hose and covers. A lifting eye is molded on the connector end for removal with hot sticks. Line hose is also available with the #2323 Shot Gun Eye Assembly. Just add a suffix of "E" to the catalog number to order the #2323 Shot Gun Assembly installed on the hose or order the #2323 separately.

NEW **SU 150 SERIES MOLDED DESIGN** the new molded design makes for a consistent overall profile, offers greater electrical insulation between the connector and line hose and since the serrations are also molded an improved locking system.

SU SYSTEM CONNECTORS are made from orange SALCOR® Type II. RIB-GRIP construction is used to ensure a strong lock to the straight lengths of SU System Line Hose and covers. The **UC2** is used to connect Extended Lip Hose to PTHL and LRG Insulator Covers, OR134 Dead End Protectors, and 2" (51 mm) and 2.5" (64 mm) SU System and Conventional Line Hose.

CAT. NO.	DIMENSIONS -- I.D.	FT. (MM) Length	WEIGHT EA. lbs. (kgs)
STRAIGHT LINE HOSE CLASS 4, TYPE II			
*SU150-3	1.5" (38)	3' (915)	6 (2.7)
*SU150-45	1.5" (38)	4.5' (1372)	8.5 (3.8)
*SU150-6	1.5" (38)	6' (1829)	12 (5.4)
SU200-3	2" (51)	3' (915)	6 (2.7)
SU200-45	2" (51)	4.5' (1372)	10 (4.5)
SU200-6	2" (51)	6' (1829)	14 (6.4)
SU250-3	2.5" (63.5)	3' (915)	7 (3.2)
SU250-45	2.5" (63.5)	4.5' (1372)	11 (5.0)
SU250-6	2.5" (63.5)	6' (1829)	15 (6.8)
CONNECTOR END LINE HOSE CLASS 4, TYPE II			
*SU150-3C	1.5" (38)	3' (915)	7 (3.2)
*SU150-45C	1.5" (38)	4.5' (1372)	9 (4.1)
*SU150-6C	1.5" (38)	6' (1829)	12 (5.4)

SU SYSTEM CONNECTORS CLASS 4, TYPE II ASTM D1049			
	Length x Height	Use w/ Line Hose I.D.	
UC	10.5" x 6" (263 x 150)	1.5" (40)	2 (.9)
UC2	10.5" x 7.75" (263 x 194)	2"&2.5" (51&64)	3 (1.4)

Add Suffix "E" to Catalog Number to order with #2323 Shot Gun Eye Assembly (see page B-12).
Example: SU200-45E is a 2" ID x 4.5' Line Hose with a shot gun assembly attached

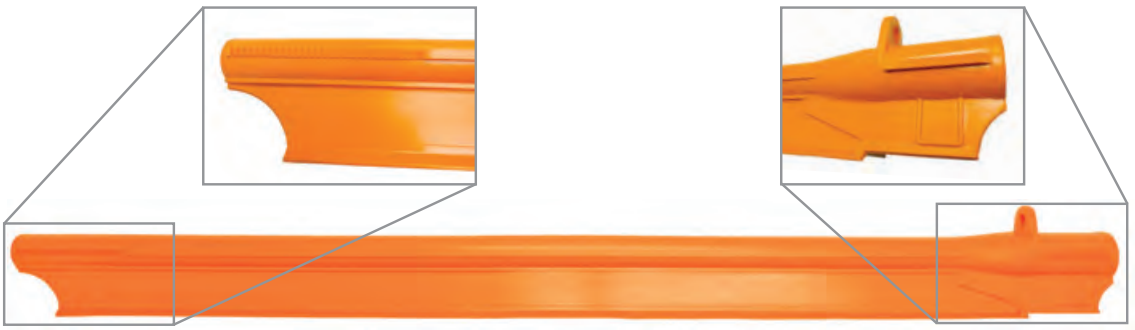
* MOLDED ONCE PIECE DESIGN

COMPLIES WITH CURRENT ASTM D1050 SPECIFICATIONS.

SU150-3C

SU150-45

UC



SU150-6C Molded Design

DEAD END PROTECTORS quickly cover dead end bells or polymer insulators providing complete electrical protection for Class 3 and Class 4 applications.

Easily installed and removed from an insulated platform or aerial device with rubber gloves or SU System Applicators.

All styles have RIB-GRIP® construction to interlock with 1.5" (38 mm) I.D. line hose. The Class 3 U106 and U110 must be used with Connector End style line hose or separate Line Hose Connectors. OR134, Class 4, accepts Straight Line Hose. The outer ribs interlock with 2" and 2.5" I.D. line hose when the UC2 SU System Connector is used.

OR134

RIB-GRIP® Construction

U110

CAT. NO.	ASTM Class / Type	FITS BELL SIZE in. (mm)	DIMENSIONS IN. (MM) I.D. Body	Overall Length	COLOR	WEIGHT EA. lbs. (kgs)
DEAD END PROTECTORS						
OR134	4 / II	3-4.25 (108)	4.76 (121)	37 (940)	Orange	13 (6)

Add Suffix "E" to Catalog Number to order with #2323 Shot Gun Eye Assembly (see page B-12).

U106	3 / II	2-6 (152)	7 (178)	28.5 (724)	Black	9 (4.1)
U110	3 / II	2-10 (254)	10.5 (267)	28.5 (724)	Black	10 (4.5)

Add Suffix "E" to Catalog Number to order with #2340 Shot Gun Eye Assembly (see page B-12).

ALL PROTECTORS COMPLY WITH CURRENT ASTM D1049 SPECIFICATIONS.

INSULATOR COVERS

EXTENDED LIP SU SYSTEM

The **UH PIN-TYPE COVER** covers insulators up to ANSI standard C29.5 Class 5. The sides are cut to be used on small insulators without resting on the crossarm. When covering a 7" diameter insulator on a double arm construction, the ends of the cover will meet flush on 10.5" pin centers.

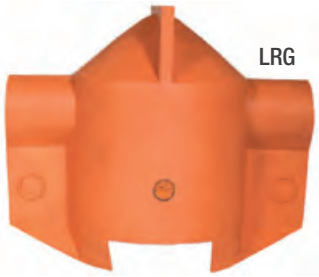
The **LRG SU SYSTEM PIN-TYPE COVER** fits insulators 10.5" (267 mm) in diameter and is used with 2.5" (64 mm) Class 4 Extended Lip SU System Line Hose. Always use clamp pins to secure the device into position. Pinning rings have been placed on the cover's arms to prevent separation.

POST-TYPE INSULATOR COVERS interlock with 1.5" (38 mm) Class 4 Extended Lip SU System or Conventional Line Hose. The **PTHS** for insulators up to 12" (305 mm) and the **PTHL** for insulators up to 16" (406 mm) in height. The **PTHL** cover also has external ribs on the ears which secures 2.5" (64 mm) I.D. line hose. Always use clamp pins to secure the device into position.

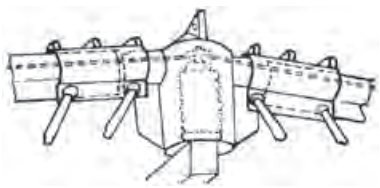
The Class 4 **MRG UNIVERSAL COVER** covers pin-type insulators through 8.5" (216 mm) diameter and 13.8 kV post-type insulators. A trim bead permits use on both 35 kV and 15 kV crossarm construction.

The **USC STIRRUP COVER** is a lightweight cover that can be installed using rubber gloves or a hot stick. The USC also feature RIB-GRIP® construction and is meant to be used with Extended Lip SU Systems or Conventional Line Hose.

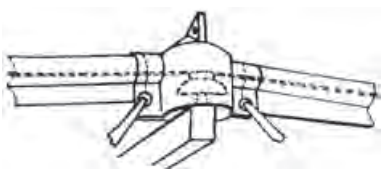
All covers are made from orange SALCOR® and feature RIB-GRIP® Construction. They can be installed with a hot stick or rubber gloves. All covers comply with ASTM D1049 specifications.



Application of USC.



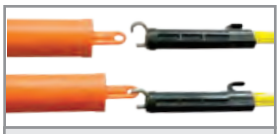
Post Type Insulator Cover PTHL 2.5" (64mm) Line Hose held in place with UC2 Connector.



Pin Type Insulator Cover - LRG or MRG Line Hose is inserted in the ears of the cover.

CAT. NO.	ASTM Class / Type	FITS LINE HOSE in (mm)	FITS INSUL. Max Dia in. (mm)	FOR USE W/ INSUL. CLASS	OVERALL DIMENSIONS (mm) I.D. body	Height -in.	WEIGHT EA. lbs. (kgs)
PIN TYPE INSULATOR COVERS							
LRG	4 / II	2.5 (63)	10.5 (263)	55-6	12 (305)	16 (400)	8 (3.6)
MRG	4 / II	1.5-2.5 (40-63)	8.5 (213)	Pin Type 55-5 Post Type 13.2 kV F Neck Post Type 13.2 kV C Neck	9 (221	12.25 (306)	7 (3.2)
Add Suffix "E" to Catalog Number to order with #2359 Shot Gun Eye Assembly (see page A-13).							
UH	3 / II	1.5 (40)	7 (175)	55-1, 2, 3, 4, 5	7.5 (184)	12 (300)	6 (4.4)
POST TYPE INSULATOR COVERS							
PTHL	4 / II	1.5-2.5 (40-63)	6.5 (163)	57-2	7 (172)	16 (400)	8 (3.6)
PTHS	4 / II	1.5 (40)	7 (175)	57-2	7.5 (184)	12 (300)	4 (1.8)
STIRRUP COVER							
USC	4 / II	1.5 (40)	-	-	14 (263)	15.5 (388)	5 (2.3)

ALL COVERS COMPLY WITH CURRENT ASTM D1049 SPECIFICATIONS.


NEW Looped Cable End Cap


29003


173


117


178


636A


14200011


536A


14200034P


14200036P

Cable End Caps are applied with rubber gloves. They are used on high voltage distribution cable ends found in vaults, cubicles and substations when cable remains energized during work. Cable End Caps are made from Type II orange SALCOR®.

NEW **LOOPED CABLE END CAP** The Looped Cable End Cap is an improved version of our Self-Securing Cable End Cap in that it allows for versatile applications. The product can be applied with appropriate Rubber Insulating Gloves as with our standard cable end caps, but the looped end feature also enables the product to be applied using a hotstick.

SELF-SECURING CABLE END CAPS for Underground Distribution are rated at 20 kV, and have a minimum wall thickness of .25". They keep moisture and contamination off trimmed cable ends. The self-securing slot keeps the cable locked safely inside the end cap. These Cable End Caps are applied with rubber gloves.

LIGHTNING ARRESTER COVERS are made from Type II orange SALCOR®. The slot allows the cap to fit directly over the energized lightning arrestor and the line connection. Lightning Arrester Covers can be applied with rubber gloves or a hotstick.

CLEAR CABLE COVERS are made from clear PVC round or oval tube. Each cover has a grip all handle attachment for installation with an insulated grip all hotstick.

CLEAR PVC STRESS CONE COVER has a grip all attachment that allows this cover to be installed with an insulated grip all hotstick. The inspection window can be opened for testing with a voltage sensor.

CAT. NO.	ASTM Class	TYPE	DIMENSIONS in. (mm) I.D. x Length	FOR USE W/ CABLE SIZE	WEIGHT EA. lbs. (kgs)
SELF-SECURING CABLE END CAPS					
29003	2	II	3.19 (81) X 9.13 (486)	-	2.27 (1.0)
117	2	II	1.38" x 10" (35 x 254)	#4/0 to 500 MCM	.50 (.23)
173	2	II	.81" x 6" (21 x 152)	#4 to #4/0 AWG	.25 (.1)
177	2	II	2.25" x 12" (57 x 305)	350 to 750 MCM	.75 (.35)
178	2	II	3.19" x 16" (81 x 406)	800 to 1000 MCM	1.5 (.7)
LIGHTNING ARRESTER COVERS					
536A	4	II	4.5 x 15 (113 x 375)	-	3 (1.4)
636A	4	II	5.5 x 22 (138 x 550)	-	5 (2.3)

THESE COVERS COMPLY WITH CURRENT ASTM D1049 SPECIFICATIONS.

CAT. NO.	DESCRIPTION	ASTM F712 Class / Rating kV	DIMENSIONS Length in. / I.D. in. / O.D. in.	WEIGHT lbs. (kgs)
CLEAR CABLE COVERS				
14200032P	2" ▲ PVC Cable Cover	2 / 14.6	20 / 2 / 2.38	1.5 (0.68)
14200033P	3" ▲ PVC Cable Cover	2 / 14.6	20 / 3 / 3.38	3.2 (1.45)
14200034P	4" ▲ PVC Cable Cover	2 / 14.6	20 / 4 / 4.38	4.3 (1.95)
14200036P	6" ▲ PVC Cable Cover	2 / 14.6	20 / 6 / 6.5	5.3 (2.41)
CLEAR PVC STRESS CONE COVER				
14200011	-	2 / 14.6	13 / 3 / 3.5	3 (1.36)

SU SYSTEM APPLICATORS

THE EXTENDED LIP SU SYSTEM may be installed by using rubber gloves or hot sticks on distribution voltages up to 34.5kV.

The Shot Gun Eye Assembly for the SU System equipment may be purchased separately for installation on the appropriate cover-up device.

The addition of these eye assemblies enable all SU System equipment to be easily handled with a standard shotgun stick.

2359

Shotgun Assembly attaches easily to SU Systems

CAT. NO.	DESCRIPTION	FOR USE W/ HOT STICK STYLE	WEIGHT EA. lbs. (kgs)
2323	Shot Gun Eye Assembly for SU Hose / OR134	Shot Gun	1 (.4)
2359	Eye Assembly for SU System Insulator Covers	Shot Gun	.5 (.2)

2323 Shot Gun Assembly
FOR LINE HOSE ON PAGE B-8

Shotgun Assembly allows easy installation

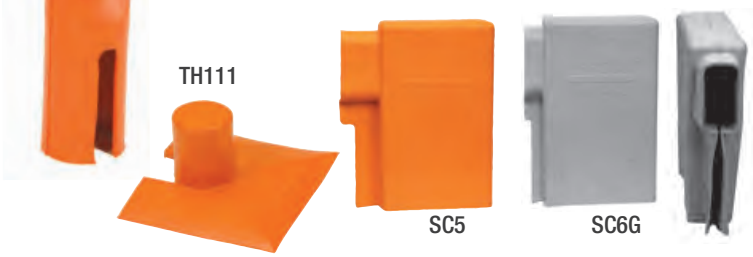
SPECIAL EQUIPMENT

THE TD TAGGING DEVICE, made from molded orange SALCOR®, is used to tag opened disconnect switches. It allows "Hold" cards to be placed on the circuit and fits over the heads of 1-1/4" (32 mm) and 1-1/2" (38 mm) switch sticks.

THE TH111 METER TERMINAL COVER is used to avoid accidental contact with energized parts on 100 and 200 Amp single phase meter sockets. Made of orange SALCOR®.

SPADE COVERS are easily installed to provide temporary insulation when working in padmount transformers and other electrical apparatus. If spade covers are securely held in place, they may be left on spades or connectors indefinitely for front end protection. The larger SC5, SC6, or SC6G are also used to cover primary elbows as well as the larger and longer multiple lead primary and secondary fittings and lugs used in underground enclosures and vaults. Molded from flexible SALCOR®, they have excellent aging and weathering characteristics. The opening at the top end of the slot holds the cover onto the terminal. Wide lips extending along the slot provide additional protection over the connection.

Tagging Device fits over the head of switch sticks for application.



CAT. NO.	DESCRIPTION Dimensions in. (mm)	WEIGHT EA. lbs. (kg)
TAGGING DEVICE		
TD	7.25 (184) long slot: 2.13 x .63 (5 4 x 16) cup: 2.5 x 1.75 (64 x 44)	.25 (.1)
METER TERMINAL COVER		
TH111	3 x 3.5 x 1.5 (76 x 89 x 38)	1.6 oz. (.05)
SPADE COVER - CLASS 2, TYPE II, ASTM D1049		
SC4	2.75 x 4.4 x 10.75 (70 x 112 x 273), 1 (25.4) Lip Extension	1.4 (.5)
SC5	3 x 6 x 10 (76 x 152 x 254), 2 (51) Lip Extension	2 (.9)
SC6	3 x 6 x 10 (76 x 152 x 254), 1.25 (32) Lip Extension	1.4 (.5)
SC6G	3 x 6 x 10 (76 x 152 x 254), 1.25 (32) Lip Extension	1.4 (.5)

BLANKETS

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 9000:2008 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.

900E (36 x 36)

HIGH QUALITY Salisbury's Type II SALCOR® blankets are of the highest quality available today. They will hold their color and flexibility, and will maintain physical properties and dielectric strength, required by ASTM standard, in the field longer than any other blanket on the market.

OZONE RESISTANT The Orange SALCOR® is manufactured from a well researched blend of prime EPDM, which is naturally resistant to ozone. This blend of Prime EPDM offers superb flexibility; similar to that of a Type I natural rubber blanket. This ensures the Salisbury Type II SALCOR® blanket will pass the ASTM D 1048 Ozone Tests.

EYELET STYLE INSULATING BLANKETS were designed to be easily secured in place by using Blanket Pins, Snap Buttons or Ty-Straps (available on page C-9). Eyelet blankets are flexible and feature a reinforced beaded edge and eyelets for added strength and tear-resistance.

400E (27 x 36)

Our **ZIP-ON STYLE (ZIP)** features one-inch wide strips of hook and pile that are double stitched to the blanket with nylon thread, so installation and removal is safe and fast.

1830S

Reinforced Beaded Edge

CAT. NO.	EYELETS/ Style	ASTM CLASS	TYPE	SIZE in. (mm)	COLOR	WEIGHT EA. lbs. (kgs)
12	28	2	II	22 x 22 (559 x 559)	Black	3 (1.4)
13	28	4	II	22 x 22 (559 x 559)	Orange	3 (1.4)
13-10	10	4	II	22 x 22 (559 x 559)	Orange	3 (1.4)
400E	6	2	II	27 x 36 (686 x 914)	Black	6 (2.3)
1000E	6	4	II	27 x 36 (686 x 914)	Orange	6 (2.3)
1001E	6	4	II	27 x 36 (686 x 914)	Black	6 (2.3)
300E*	6	2	I	36 x 36 (914 x 914)	Black	8 (3.6)
900E	6	4	II	36 x 36 (914 x 914)	Orange	8 (3.6)
901E	6	4	II	36 x 36 (914 x 914)	Black	8 (3.6)
1500	28	2	II	36 x 36 (914 x 914)	Black	8 (3.6)
1700	28	4	II	36 x 36 (914 x 914)	Orange	8 (3.6)

ZIP-ON STYLE

1830S	Zip	4	II	18 x 36 (457 x 914)	Orange	3.5 (1.6)
900EV	Zip	4	II	36 x 36 (914 x 914)	Orange	8.5 (3.9)
1000EV	Zip	4	II	27 x 36 (686 x 914)	Orange	8.1 (3.7)

ALL BLANKETS COMPLY WITH CURRENT ASTM D1048 SPECIFICATIONS.
* TYPE I IEC COMPLIANT BLANKETS

INSULATING BLANKETS

SLOTTED STYLE & WITHOUT EYELETS

SLOTTED STYLE INSULATING BLANKETS are made of Type II SALCOR® rubber and designed for increased versatility and flexibility in special cover-up situations. Use for covering ridge pins and cross arms with insulators or any place a wire, pin or projection interferes with proper placement of other cover-up devices.

Three sizes are available with reinforced beaded edges and reinforced eyelets which can be secured with Blanket Pins, Snap Buttons or Ty-Straps (available on Page C-9). Our 36"(914 mm) slotted blanket is also available with 2" (51 mm) or 4.5"(114 mm) center holes and with hook and pile (Zip Style).

Our **ZIP-ON STYLE (ZIP)** features one-inch wide strips of hook and pile that are double stitched to the blanket with nylon thread, so installation and removal is safe and fast.

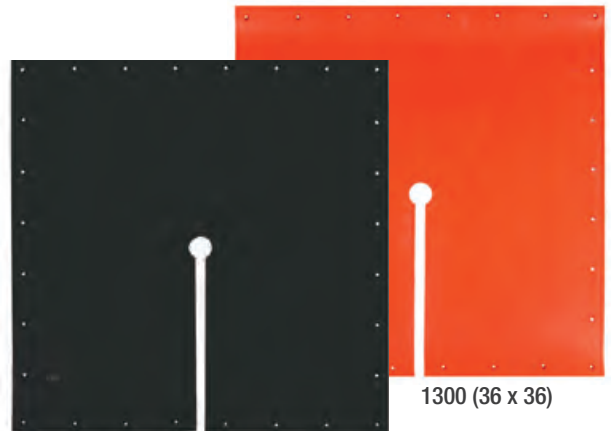
SALISBURY INSULATING BLANKETS WITHOUT EYELETS are available in Class 2 and Class 4 in two types of material: Type I natural rubber, and Type II SALCOR®, which is a highly flexible, corona-resistant polymer with excellent aging and weathering qualities.

Salisbury insulating blankets feature a reinforced beaded edge for added strength and tear-resistance.

THE SALISBURY ADVANTAGE

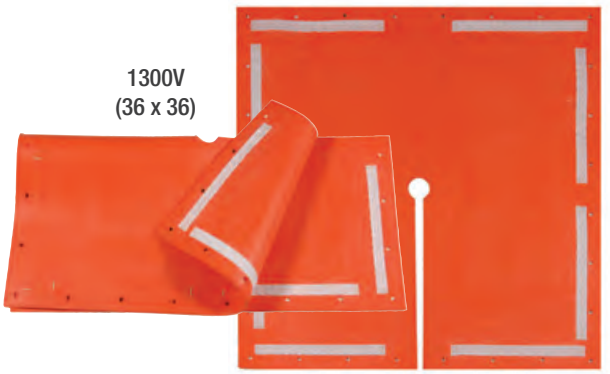
The Salisbury blanket is manufactured from materials that are precisely measured in an automated weighing system to ensure batch-to-batch consistency.

VALUE SALCOR® blankets will last longer and provide maximum value and protection. Not all rubber blankets are manufactured equally.



1300 (36 x 36)

1301 (36 x 36)



1300V
(36 x 36)

300
(36 x 36)

186
(18 x 36)

CAT. NO.	EYELETS	ASTM CLASS	TYPE	SIZE in. (mm)	COLOR	WEIGHT EA. lbs. (kgs)
SLOTTED STYLE BLANKETS						
14	28	2	II	22 x 22 (559 x 559)	Black	2.5 (1.1)
15	28	4	II	22 x 22 (559 x 559)	Orange	2.5 (1.1)
15-1	28	4	II	22 x 22 (559 x 559)	Black	2.5 (1.1)
1100	28	2	II	36 x 36 (914 x 914)	Black	7 (3.2)
1300	28	4	II	36 x 36 (914 x 914)	Orange	7 (3.2)
1301	28	4	II	36 x 36 (914 x 914)	Black	7 (3.2)
1302	2" hole	4	II	36 x 36 (914 x 914)	Orange	7 (3.2)
1304	4.5" hole	4	II	36 x 36 (914 x 914)	Orange	7 (3.2)
SLOTTED ZIP-ON STYLE BLANKETS						
1300V	Zip	4	II	36x36 (914x914)	Orange	7 (3.2)
BLANKETS WITHOUT EYELETS						
186	-	4	II	18 x 36 (457 x 914)	Orange	3.5 (7.7)
300*	-	2	I	36 x 36 (914 x 914)	Black	8 (3.6)

ALL BLANKETS COMPLY WITH CURRENT ASTM D1048 SPECIFICATIONS.
* TYPE I IEC COMPLIANT BLANKETS

1212YLV

1212YLVNV

1212YLV Back side

Installing a Zip-On Blanket

ALL BLANKETS COMPLY WITH CURRENT ASTM D1048 SPECIFICATIONS.

LOW VOLTAGE INSULATING BLANKETS are made of Type II SALCOR® rubber. Insulating blankets are available with or without hook and pile (Zip or Plain style), as noted in the chart below.

Covering energized equipment is easier than ever using Salisbury's Zip-On blankets. Our **ZIP-ON STYLE (ZIP)** features one-inch wide strips of hook and pile that are double stitched to the blanket with nylon thread, so installation and removal is safe and fast. Zip-On blankets can be manufactured to fit special requirements.

SWITCHBOARD MATTING is permanently placed in front of switchgear, motor control centers and other high voltage apparatus to provide personal protection for workers. It is also used when tending take-up and pay out reels and when adding or replacing conductors. Made from high quality Type II material, Class 2 matting is 1/4" (6.4 mm) thick and is tested to 20 kV, and Class 4 matting is 1/2" thick and tested to 40 kV. Matting comply with ASTM D178, Class 2 and Class 4 specifications. The corrugated surface acts as a safety tread while reducing the possibility of metal particles becoming embedded. Class 2 Switchboard Matting is available in 25 yard rolls or custom cut to specified lengths, while Class 4 matting is sold in 20 yard rolls only.

The **R96** vinyl/roll-up carrier is recommended as a ground barrier to protect blankets during visual inspection.

M24-2

Matting Cross-Section

R96

CAT. NO.	STYLE	ASTM CLASS	TYPE	SIZE in. (mm)	COLOR	WEIGHT EA. lbs. (kgs)
1212YLV	Zip	0	II	12 x 12 (305 x 305)	Yellow	1 (.45)
1212YLVNV	Plain	0	II	12 x 12 (305 x 305)	Yellow	1 (.45)
1236YLV	Zip	0	II	12 x 36 (305 x 914)	Yellow	1.5 (.68)
1236YLVNV	Plain	0	II	12 x 36 (305 x 914)	Yellow	1.5 (.68)
1818YLV	Zip	0	II	18 x 18 (457 x 457)	Yellow	1.1 (.48)
1818YLVNV	Plain	0	II	18 x 18 (457 x 457)	Yellow	1.1 (.48)
1836YLV	Zip	0	II	18 x 36 (457 x 914)	Yellow	1.5 (.68)
1836YLVNV	Plain	0	II	18 x 36 (457 x 914)	Yellow	1.5 (.68)
3636YLV	Zip	0	II	36 x 36 (914 x 914)	Yellow	2.2 (1.0)
3636YLVNV	Plain	0	II	36 x 36 (914 x 914)	Yellow	2.2 (1.0)

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 complies with current ASTM D178 standards
*Sold in full rolls only.

GROUND BARRIER

R96	Carrier Vinyl Roll-Up / Ground Barrier	3.5 (1.6)

ROLL BLANKETS & INSULATING APRONS

Salisbury has gone to great lengths to protect workers from low voltage electrical hazards, and now offers 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.


RLB1

SALISBURY'S ROLL BLANKET line includes a Class 1 (7,500 v) **CLEAR PVC** material that permits complete visibility, yet provides the necessary insulating properties meeting ASTM F1742 standards.


RLBPVC1

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 carried 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.


APR00

THE INSULATING APRON includes two Nomex® 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	48 (21.7)
RLBPVC1-48	1	-	4' x 50' (1.2 x 15.24)	Clear	60 (27.3)
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)

Roll Blankets are available in full rolls plus or minus 5%.


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

ARC45-15

ARC45-40

SALISBURY BY HONEYWELL ARC PROTECTION BLANKETS are available in 4' x 5' and 4' x 8' sizes. Each size is available in 15 kA or 40 kA ratings. The 15 kA blankets include convenient loops and the 40 kA blankets include grommets to easily keep the blanket in place. These new blankets are sold individually or with a storage bag or storage bag and tie-strap kit.

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.

NOTE: These products do not eliminate or reduce requirements for proper PPE for arc flash protection

WARNING: Because of the un-predictability of electrical arcs, the Arc Protective Blanket (APB) may not totally contain the arc and flashes, but only reduce or limit explosive and incendiary effects. Properly installed APB's can reduce the risk of injury from the blast and heat. They do not provide any personal protection for hearing, eyes, smoke inhalation, hazardous gas inhalation or burns.

WARNING: Arc Protective Blankets are not designed for electrical insulating protection. Using the Arc Protective Blanket for electrical insulating protection can result in serious injury or death.

MEETS ASTM F2676 STANDARD *ASTM Standard for Testing of Arc Blankets*

Arc protective blankets are used in many electrical applications to protect workers who are stationed near energized electrical parts. While these blankets have been used for years, there have been no testing criteria for their evaluation. A ASTM International standard used to determine the effectiveness of arc protective blankets in suppressing the combined effect of an arc flash and an arc blast. This standard gives companies the ability to evaluate blankets with a repeatable standard that can be done at many test labs using an electric arc and a high speed camera.

CAT. NO.	DIMENSIONS in. (mm)	DESCRIPTION	WEIGHT EA. lbs. (kgs)
ARC45-15	48 x 60 (1219 x 1524)	15 kA rating - navy blue	10 (4.5)
ARC45-40	48 x 60 (1219 x 1524)	40 kA rating -gray/khaki	10 (4.5)
ARC48-15	48 x 96 (1219 x 2438)	15 kA rating - navy blue	15 (6.8)
ARC48-40	48 x 96 (1219 x 2438)	40 kA rating -gray/khaki	15 (6.8)
-Add suffix "P" to include storage bag. -Add suffix "C" to include P4 canister.		-Add suffix "PS" to include storage bag and tie-straps. -Add suffix "CS" to include P4 canister and tie-straps.	
ARC142	1 x 42 (25.4 x 1067)	Single Kevlar Strap w/ Buckle	
ARC142-K16	-	ARC48 Strap Kit With 16 Buckles	4 (1.8)
ARC142-K12	-	ARC45 Strap Kit With 12 Buckles	3 (1.4)
P4	7 x 37 (178 x 940)	Canister holds 1-4 blankets w/ max. size 36" (914 mm)	3.5 (1.6)

CLAMP PINS

In addition to other uses in the utility industry, **BLANKET CLAMP PINS** can be effectively used to hold insulating blankets and rubber cover-up in place. Springs are used for tension while extra holes in the body of the pin are used to grip conductors and prevent line hose from sliding.

The Salisbury **21 BLANKET PIN** has been improved to make it the most versatile pin on the market. Although the 21 pin always opened to accommodate just about any width needed, it has been redesigned to open to a full 5 1/2 inches. That's the widest of any standard plastic pin in the industry. To accommodate application using a hot stick, the ends of the pin have been tapered to fit into the end of any brand clampstick. This allows the same 21 pin to be installed in line with the stick. For applications where a 90 degree angle of application and removal is necessary, the time proven HS21 pin fills the bill. Look for the new 21 pin to be supplied with your next pin order.

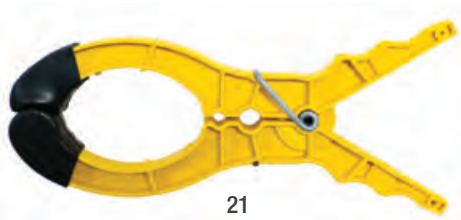
Blanket pins are made of fiberglass reinforced nylon or sliver-free hardwoods. Most pins have molded rubber tips to increase slip resistance.

20

25

26

YN20

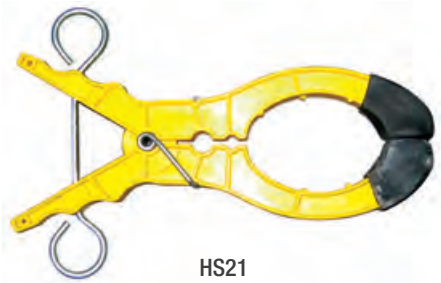


21

CAT. NO.	DESCRIPTION	LENGTH in. (mm)	JAW OPENING in. (mm)	WEIGHT EA. lbs. (kgs)
WOOD CLAMPS				
20	Wood w/ pin boots	8.5 (216)	4.75 (121)	.33 (.15)
25	Wood w/o pin boots	7 (178)	1.6 (41)	.25 (.11)
26	Wood w/ pin boots	10 (254)	7 (178)	.5 (.23)
YN20	Wood w/ Sure grip	8.5 (216)	4.75 (121)	.33 (.15)
NYLON CLAMPS				
HS21	Nylon w/ pin boots	9.5 (241)	5 (127)	.37 (.17)
21	Nylon w/ pin boots	9.5 (241)	5 (127)	.37 (.17)

Optionally applied with Shotgun Stick

Clamp Pins help line hose from slipping



HS21

Salisbury 21 Blanket Pin

B1

B23

MB6

TY14

BLANKET BUTTONS are designed to secure eyelet-style insulating blankets. The B1 button, made of orange plastic, snaps through the eyelet with thumb pressure on the large head. The bright orange polystyrene **B23** two-way buttons are inserted into the eyelets for use with a shotgun clamp stick or standard-duty switch stick.

MAGNETIC BLANKET BUTTONS are designed for use in eyelets of insulating blankets when covering energized portions in hard-to-cover areas like pad mounts, cubicles, switchboards and substations. Four permanent floating magnets are mounted between nickel-plated steel plates. May be applied manually, wearing rubber gloves, or with a shot-gun stick.

TY-STRAPS are 14" (356 mm) and 30" (762 mm) long and made of 1 1/2" (38 mm) wide strips of rubber with hook and pile fasteners affixed to each end. The worker simply wraps the Ty-Strap around the positioned blanket and presses the hook and pile ends together. Contact your local Salisbury representative for custom length Ty-Straps.

CAT. NO.	DESCRIPTION	WEIGHT EA. lbs. (kgs)
B1	Snap-Button, Orange	1 oz. (.03)
B23	Two-Way Button, Orange	1 oz. (.03)
MB6	Magnetic Blanket Button	7 oz. (.2)
TY14	Ty-Straps, 14" (356mm) long	2 oz. (.06)
TY30	Ty-Straps, 30" (762mm) long	4 oz. (.12)

BLANKET ACCESSORIES

STORAGE

BLANKET CANISTERS are molded in bright orange, hi-impact, polyethylene to protect insulating blankets when not is use. A tight-fitting cap is secured to the canister with polypropylene rope.

Salisbury's **P4H BLANKET CANISTER** Revolutionizes the way you'll store your blankets. The P4H canister has a sturdier construction than the regular P4, with integrated feet to keep the canister from rolling while being transported by truck or stored at the workplace. The ergonomic handle runs the entire length of the canister, making lifting and carrying up to four 36" x 36" blankets much easier. Slots are provided within the canister to allow it to be secured in buckets or on trucks.

BLANKET ROLL UPS provide a safe and convenient means for protecting blankets from damage while in transport or storage. Ruggedly constructed of 18 oz. vinyl with side flaps to confine the blankets into position and prevent damage to the edges. Two heavy 33" web straps with buckles close the roll-up, and includes a web carrying handle.

STORAGE TIPS: When more than one blanket is stored, the most convenient method of loading is to roll and insert each blanket into the canister independently. A single blanket can then be removed without removing the others. For maximum useful life, never fold, crease or compress insulating blankets while in storage.

P2 P4 P6

P4H

22

CAT. NO.	DESCRIPTION	FITS BLANKET MAX SIZE in.(mm)	DIMENSIONS in. (mm)	CAPACITY	WEIGHT EA. lbs. (kgs)
P2	Canister	36 (914)	5 x 37 (127 x 940)	1-2 blankets	2 (.9)
P3	Canister	36 (914)	6 x 37 (152 x 940)	1-3 blankets	3 (1.4)
P4	Canister	36 (914)	7 x 37 (178 x 940)	1-4 blankets	3.5 (1.6)
P4H	Canister	36 (914)	7 x 37 (178 x 940)	1-4 blankets	3.5 (1.6)
P6	Canister	36 (914)	9 x 37 (229 x 940)	1-6 blankets	5 (2.3)
P3-47	Canister	46 (1168)	6 x 47 (152 x 1194)	1-2 blankets	4 (1.8)
22	Roll-up (vinyl)	22 (559)	56 x 42 (1651 x 1067)	1-4 blankets	1.5 (.68)
36	Roll-up (vinyl)	36 (914) or 46 (1168)	67 x 55 (1702 x 1397)	1-4 blankets	2.5 (1.1)
46	Roll-up (vinyl)	36 (914) or 46 (1168)	70 x 55 (1778 x 1397)	1-4 blankets	4 (1.8)

INSULATING PLASTIC GUARDS & COVERS

INSULATING PLASTIC GUARDS & COVERS

TESTING

ASTM F712 TABLE 3 Typical Electrodes for Testing Plastic Guard Equipment

Types of Guards	Energized Inner Electrode for All Tests[A]	Outer Ground Electrode[A]	
		Proof Test	Flashover and 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 dead-end covers	Maximum conductor, hardware and insulator assembly for which rated or similar mock-up including mandrel[C] of conducive 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 madrel[DC] 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 3 mm (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.

ASTM F712

TABLE 2 Minimum Flashover Test[A]

	Rating, kV	Max Use 60 Hz	Min Flashover Voltage Test f -Ground kV		Criteria
	0-0[A]	0-Ground	60 Hz	DC	
2	14.6	8.4	14.0	20	No flashover other than momentary as a result of too-close spacing of electrode
3	26.4	15.3	25.0	35	
4	36.6	21.1	34.0	48	
5	48.3	27.0	43.0	61	
6	72.5	41.8	67.0	95	

[A] Cover-up materials are tested at values greater than the maximum use phase to ground values. The maximum use phase to phase values relate to guarded phase to guarded phase. The units are not rated for bare phase to guarded phase potentials.

GUARDS AND COVERS are intended for brush contact applications. All guards can be coupled together to cover any length required.

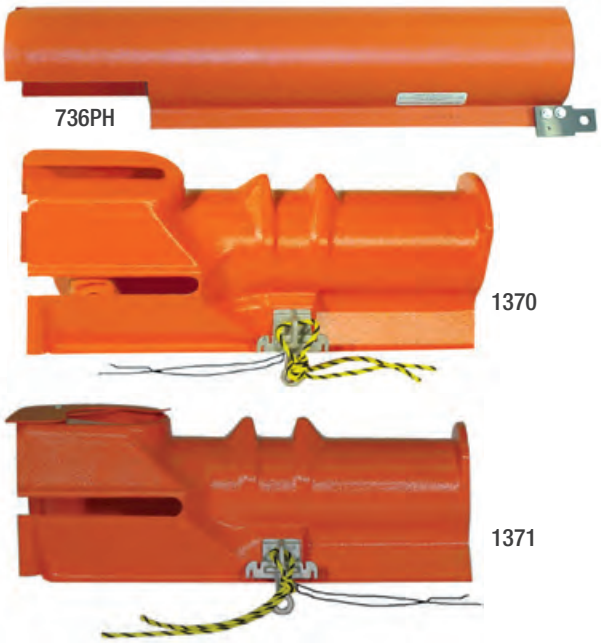
Guards and covers are available in three different grades: Grade 1 with hot stick handles attached for application and removal, Grade 2 with eye fittings for standard shotgun sticks and Grade 3 without eye fittings. Guards are designed to nest within each other for storage.

The guards and covers are made from two different orange thermoplastics: Type I is an ABS standard cold weather high impact plastic and Type III is an ABS/PVC weather resistant material that offers advantages in tensile and impact strength, hardness, UV stability and flame resistance.

ALWAYS FOLLOW YOUR COMPANY'S SAFETY PROCEDURES.

Rubber insulating equipment is realistically limited to Class 4 material in the design specification standards. Plastic guard equipment has been designed to go beyond these voltages and provide a satisfactory degree of worker protection. Major differences exist in use criteria between the rubber and the plastic guard equipment. Each glove, sleeve or other article of rubber insulating equipment has a given safety factor for the phase to phase voltage on which it may be used and the class or proof voltage at which it is tested. Plastic guard equipment; however, is designed to provide a satisfactory safety factor only when used in a phase-to-ground exposure. If exposure is phase-to-phase, then a satisfactory safety factor is only provided if the exposure is covered-phase-to-covered-phase.

CROSSARM GUARDS



CROSSARM GUARDS are available in two different styles: the 1370 pin type and the 1371 post type. They are used to prevent tie wires from contacting crossarms during hot line operations. Two different tie downs are provided: a neoprene and a polypropylene rope. Both are secured in the slots provided in the eye fitting. The post type model has an automatic gap closer which covers the insulator slot opening over the end of the arm.

The **SLIDE-ON CROSSARM GUARD** 736PH is applied by sliding the cover on to the arm from the end using the shotgun eye until the unit locks onto the insulator pins. The cover overlaps on top and has notches to ease application and removal.

Both of these guards are made from orange Type I ABS cold weather high impact plastic. These guards have a voltage rating of 36.6 kV*.

*guarded Ø to guarded Ø .

CAT. NO.	DESCRIPTION	DIMENSIONS in. (mm)	ASTM VOLTAGE CLASS	WEIGHT EA. lbs. (kgs)
1370	Crossarm or Pin Type Guard	9 x 9 x 25.5 (229 x 229 x 648) Fits Crossarm: 5 x 6 (127 x 152)	4	5.7 (2.6)
1371	Crossarm or Post Type Guard		4	6.0 (2.7)
736PH	Slide-On Crossarm Guard	7" I.D. x 36" (178 I.D. x 914)	4	4.5 (2)

ALL GUARDS ARE TESTED TO ASTM F712

AIR GAP® POLE GUARDS

POLE GUARDS are installed before setting new poles to guard against accidental line contact. They also guard against pole contacts by personnel working in insulating aerial buckets or on platforms. Pole Guards are made from orange, Type I ABS, cold weather, high impact thermoplastic. Salisbury Pole Guards feature the unique Air Gap® design. Uniformly spaced dimples minimize the amount of surface area contacting the pole. This provides added insulation to keep electrical leakage to a minimum. When two pole guards are used to cover longer lengths, the Air Gap® dimples nest together "locking" the two together with ample overlap. **This is an exclusive feature to Salisbury Pole Guards.** The Air Gap® design also allows for air flow between it and the pole minimizing moisture condensation and contamination buildup.

All Salisbury Pole Guards include drilled rope handles for easy application. Pole Guards should be used for brush contact. The opening should face away from possible line contacts, whenever possible. Pole Guards should be stored indoors to avoid prolonged exposure to UV rays and can be cleaned with a warm detergent solution.

CAT. NO.	CLASS	DIAMETER in. (cm)		LENGTH ft. (cm)	WEIGHT EA. lbs.	(kgs)
2851	4	6" (15.2)	X	1' (30.5)	1.8	(0.8)
2852	4	6" (15.2)	X	2' (61.0)	3.6	(1.6)
2853	4	6" (15.2)	X	3' (91.4)	5.3	(2.4)
2854	4	6" (15.2)	X	4' (121.9)	7.1	(3.2)
2856	4	6"(15.2)	X	6' (182.9)	10.7	(4.9)
1385	4	9" (22.9)	X	1' (30.5)	2.3	(1.1)
1386	4	9" (22.9)	X	2' (61.0)	4.6	(2.1)
1356	4	9" (22.9)	X	3' (91.4)	6.9	(3.1)
1357	4	9" (22.9)	X	4' (121.9)	9.2	(4.2)
2496	4	9" (22.9)	X	6' (182.9)	13.8	(6.3)
2461	4	12" (30.5)	X	1' (30.5)	2.7	(1.3)
2462	4	12" (30.5)	X	2' (61.0)	5.3	(2.4)
2464	4	12" (30.5)	X	4' (121.9)	10.7	(4.9)
2466	4	12" (30.5)	X	6' (182.9)	16	(7.3)
21837	4	9" (22.9)	X	4' (121.0)	9.2	(4.2)
21936	4	7" (17.8)	X	2' (61.0)	3.8	(1.7)
29024	5	9" (22.9)	X	1' (30.5)	2.3	(1.1)
29023	5	9" (22.9)	X	2' (60.9)	4.6	(2.1)
29022	5	9" (22.9)	X	3' (91.4)	6.9	(3.1)
29021	5	9" (22.9)	X	4' (121.9)	9.2	(4.2)
2486	5	9" (22.9)	X	6' (182.9)	13.8	(6.3)
29028	5	12" (30.5)	X	1' (30.5)	2.7	(1.3)
29027	5	12" (30.5)	X	2' (60.9)	5.3	(2.4)
29026	5	12" (30.5)	X	3' (91.4)	8.0	(3.6)
29025	5	12" (30.5)	X	4' (121.9)	10.7	(4.9)
2478	5	12" (30.5)	X	6' (182.9)	16.0	(7.3)

ALL GUARDS ARE TESTED TO ASTM F712

The 21936 Pole Guard includes cut-out to allow clearance for a line post insulator base which is mounted to a utility pole.

2856

Strong memory improves grip when applied to the utility pole. The pole guard has high impact properties suitable for cold weather service.

2475

Versa Guards® and
Link Guard® Cross Section

2884

VERSA GUARDS® AND LINK GUARDS make use of air as well as the dielectric strength of plastic to provide total insulating value. Both guards have a 7" diameter and a hook shaped inner lip to keep the guard in place.

VERSA GUARDS®, with a voltage rating of 36.6 kV*, are designed so that two guards can be coupled together to cover most 13 kV single and double arm, pin and post constructions. A lighter 47" version **(2389)** of the standard 4.5' Versa Guard is available in a Type III ABS/PVC weather resistant material.

LINK GUARDS®, with a voltage rating of 72.5kV*, have inner and outer shells that run full length to include male and female couple ends. Two guards connected provide four overlapping thicknesses of plastic plus air at a joint.

TEE CONNECTORS are used on horizontal and vertical posts and suspension insulator strings when plastic line guards are used on the conductor. Made from Type I, ABS plastic with eye fittings, the connector accommodates the male end of a guard. Available in two ratings: 72.5 kV* and 48.3 kV*. Accepts 34.5 kV pin insulators along with post and insulator strings.

*guarded Ø to guarded Ø .

Bags are available on page D-10.

1680

CAT. NO.	DESCRIPTION		TYPE	ASTM VOLTAGE CLASS	GRADE	WEIGHT EA. lbs. (kgs)
VERSA GUARDS®- 4.5' (1.37 M)						
1686	ABS	Eye	I	4	2	8.8 (4.0)
1687	ABS	4' Stick	I	4	1	10.8 (4.9)
1688	ABS	6' Stick	I	4	1	11.8 (5.4)
2373	ABS/PVC	Eye	III	4	2	8.8 (4.0)
2377	ABS/PVC	4 'Stick	III	4	1	10.8 (4.9)
2378	ABS/PVC	6' Stick	III	4	1	11.8 (5.4)
VERSA GUARDS®- 3.92' (1.19 M)						
2389	ABS/PVC	4' Stick	III	4	1	6.1 (2.8)
2689	ABS/PVC	Eye	III	4	2	8.1 (3.7)
LINK GUARDS®- 4.5' (1.37 M)						
1680	ABS	Eye	I	6	2	10.5 (4.8)
1681	ABS	4' Stick	I	6	1	12.5 (5.7)
1682	ABS	6' Stick	I	6	1	13.5 (6.1)
2475	ABS/PVC	Eye	III	6	2	10.5 (4.8)
2476	ABS/PVC	4' Stick	III	6	1	12.5 (5.7)
2477	ABS/PVC	6' Stick	III	6	1	13.5 (6.1)
TEE CONNECTORS						
2224	ABS	Eye	I	6	2	7.8 (3.5)
2884	ABS	Eye	I	5	2	6.0 (2.7)

ALL GUARDS ARE TESTED TO ASTM F712

LIGHTWEIGHT CONDUCTOR COVERS

LIGHTWEIGHT CONDUCTOR COVERS are ideal to cover long spans when weight is a consideration. They can be applied when wearing rubber gloves or with a fiberglass hotstick. Available with an eye for application with clampsticks. These covers have a voltage rating of 26.4 kV*. The inside diameter is 2". This product can connect with Salisbury 1.5" I.D. Class 3 or 4 flexible cover-up equipment.

The **21826 LIGHTWEIGHT CONDUCTOR COVER** is a six foot 36.6 kV* class 4 rated cover. It is applied using rubber gloves when following appropriate company work rules. The inside diameter is 3" making it useful on a wide range of conductor sizes.

The unique "connector-stop" molded into one end prevents covers from overlapping during installation. This eliminates wasted time when trucks have to be moved to reconnect sections that did not couple correctly. This cover is also compatible with Salisbury 1.5" I.D. Class 3 or 4 flexible rubber line hose.

All of our lightweight covers are made from orange Type I high density cross link polyethylene.

*guarded Ø to guarded Ø .

CAT. NO.	DESCRIPTION ft. (m)	ASTM VOLTAGE CLASS	GRADE	WEIGHT EA. lbs. (kgs)
26.4 KV GUARDED PHASE TO GUARDED PHASE				
21172	5' (1.5) Cover w/ Eye	3	2	4.0 (1.8)
21173	5' (1.5) Cover w/o Eye	3	--	3.0 (1.4)
21315	5' (1.5) Cover w/ 4' (1.2) Fiberglass Stick	3	1	5.0 (2.25)
21234	Adapter Eye	3	--	1.5 (0.7)
36.6 KV GUARDED PHASE TO GUARDED PHASE				
21826	6' (1.8) Cover	4	--	6.5 (2.95)

ALL GUARDS ARE TESTED TO ASTM F712

Conductor Covers connect easily with either plastic or rubber line hose

21826 Unique Connector Stop

21826

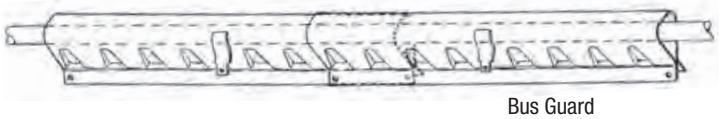
21173

21172

21315

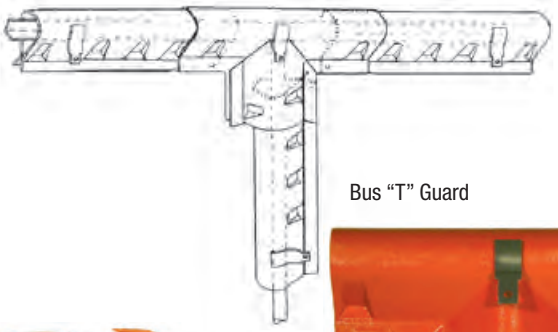
21234 Adapter Eye

1374



Bus Guard

Eye kit is available on page D-10.

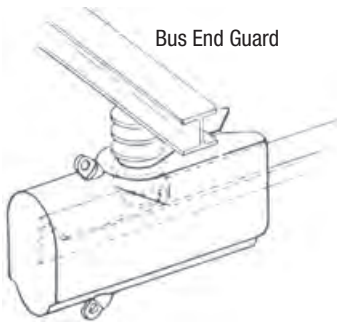


Bus "T" Guard

1375

9992

Bus End Guard



SUBSTATION COVER-UP and barrier equipment is used during routine maintenance where accidental contact may occur. This barrier equipment is often used where outages are difficult to reach and the occurrence of accidental contact is high. These covers may be applied with rubber gloves or hot sticks. These covers are made from Type I orange ABS plastic. This equipment is not intended for permanent or semipermanent barrier or insulating applications. The use of these covers is to protect against accidental contact only. These covers are not to be left installed for extended periods of time especially when in contact with both a grounded and energized object.

BUS GUARDS are easily interlocked with each other. To interlock units, determine the length of bus to be covered. Place one unit on the bus guard then the other, pulling it over the first cover until the dimples interlock at the required length. This guard has a voltage rating of 36.6 kV*.

BUS "T" GUARDS interlock two or three bus guards at bus tap "T" connections and 90 degree angles. To interlock units, first position the bus guard. Then, slide the "T" guard over the top and interlock the dimples. This guard has a voltage rating of 36.6 kV*.

BUS END GUARDS cover the ends of a substation bus supported by station post insulators. The slot and insulator grip hole can be easily enlarged in the field with a sharp knife. This cover also has a guide bead for a trim fit. This guard has a voltage rating of 26.4 kV*.

*guarded Ø to guarded Ø .

CAT. NO.	DIMENSION in. (mm)	DESCRIPTION	ASTM VOLTAGE CLASS	WEIGHT EA. lbs. (kgs)
BUS GUARD				
1374	5.25"x 9.5"x 4.5' (133 x 241 x 1.4m)	Impact Resistant ABS Plastic	4	6.0 (2.7)
BUS "T" GUARD				
1375	5"x 15" x 25" (127 x 381 x 635)	Impact Resistant ABS Plastic	4	4.0 (1.8)
BUS END GUARD				
9992	8.5"x 12" x 24" (216 x 305 x 610)	UV Resistant High Density Cross Linked Polyethylene	3	5.0 (2.3)

ALL GUARDS ARE TESTED TO ASTM F712

All Bus Guards may be applied with rubber gloves or hotsticks. Contact your local Salisbury representative for hotstick purchasing or visit www.salisburybyhoneywell.com for more information on our line of hotstick products. Use Salisbury Insualting Rubber Blankets as additional or alternative cover-up in situations where Bus Guards may be used.

SUBSTATION COVER-UP

SWITCH JAW GUARD & BARRIER

SWITCH JAW GUARDS insulate the energized upper switch jaw and insulator when work is being done on the switch blade, lower insulator or other de-energized equipment ahead of the open switch. These guards easily slide over the upper insulator on open substation switches and lock over the bus. Jaw Guards are made from Type I UV resistant plastic. Salisbury offers switch jaw guards rated at both 26.4 kV* and 14.6 kV*.

The **24219 SWITCH JAW COVER** provides an insulated barrier to the energized upper switch jaw and insulator, when work is being done on the switch blade, lower insulator or other de-energized equipment ahead of the open switch. This guard slides easily over the upper insulator on open substation neutral disconnect cabinet switches and locks over the bus. The 24219 Cover is made from Type I cold weather high impact plastic. This guard has a voltage rating of 14.6 kV*.

SWITCH BARRIERS slide between the last two skirts on the post or pin cap insulators of the substation disconnect switch. This locks the barrier in place. When switches are mounted back to back and work is needed on one switch, the barrier can be placed on the energized switch to form a visible, electrical and mechanical barrier. Work can then be done on the opposite switch or other de-energized equipment. This guard has a voltage rating of 36.6 kV*.

*guarded Ø to guarded Ø .

1376

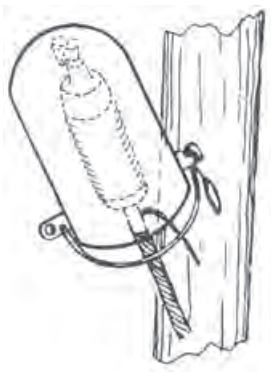
Barrier and Switch Jaw Guard installed on a Substation Switch.

24455

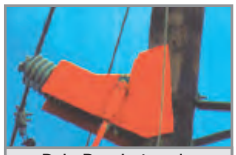
CAT. NO.	DIMENSIONS in. (mm)	DESCRIPTION	ASTM VOLTAGE CLASS	WEIGHT EA. lbs. (kgs)
JAW GUARD				
2418	8" D. x 18" (203 D. x 457)	Use w/ switch 8"(203) Dia. Insulated	3	4 (1.8)
2424	8" D. x 24" (203 D. x 610)	Use w/ switch 8"(203) Dia. Insulated	3	5 (2.3)
24455	8" D. x 16" (203 D. x 406)	Use w/ switch 8"(203) Dia. Insulated	2	2.25 (1.14)
2413	13" D. x 24" (330 D. x 610)	Use w/ switch 13"(330) Dia. Pin Cap Insulators	3	7 (3.2)
BARRIER				
1376	.125"x43"x52" (3.2 x 1092 x 1320) 5" (127) slot to center	Orange Type I High Impact ABS Plastic	4	12 (5.5)

2418

816



4333



Pole Bracket and Insulator Base Cover

Elbow Cover Application

The **UNIVERSAL HOT COVER** is used to provide additional cover-up and clearances. This cover is made from orange Type I polyethylene plastic. The hotstick eye allows this cover to be placed and removed with a shotgun type clamp stick or with rubber gloves. To secure in place, use the elastic tie-down cord. This cover can be used on overhead or underground energized cable terminators, potheads or while inverted, on lightning arrestors. This cover has a 36.6 kV guarded phase to guarded phase rating.

The **POLE BRACKET AND INSULATOR BASE COVER** guards against accidental contact with a pole, bracket or insulator base during routine maintenance. It is made from an orange UV resistant Type I polyethylene plastic. The Grade 2 hotstick eye allows this cover to be applied and removed with a hotstick or with rubber gloves. It covers metal or fiberglass brackets 8-12" long and pole mounting plates. This cover also interlocks with a pole insulator. This cover has a voltage rating of 26.4 kV*.

The **UNDERGROUND DISTRIBUTION ELBOW COVER** covers primary elbows and spade terminals during routine maintenance. It covers up to the face plate and cable connection. This cover is made from orange Type I polyethylene plastic. The hotstick eye allows this cover to be applied and removed with a hotstick. This cover self locks for a secure fit in confined areas. The bead can be trimmed in the field to meet clearance requirements. This cover has a voltage rating of 26.4 kV*.

*guarded Ø to guarded Ø .

CAT. NO.	DESCRIPTION	ASTM VOLTAGE CLASS	WEIGHT EA. lbs. (kgs)
816	Hot Cover 8" x 16" (203 x 406)	4	2.5 (1.1)
4314	Underground Distribution Elbow Cover 15" x 14.25" (381 x 362)	3	2.0 (.9)
4333	Pole Bracket & Insulator Base Cover 20" x 25" (508 x 635)	3	2.5 (1.1)

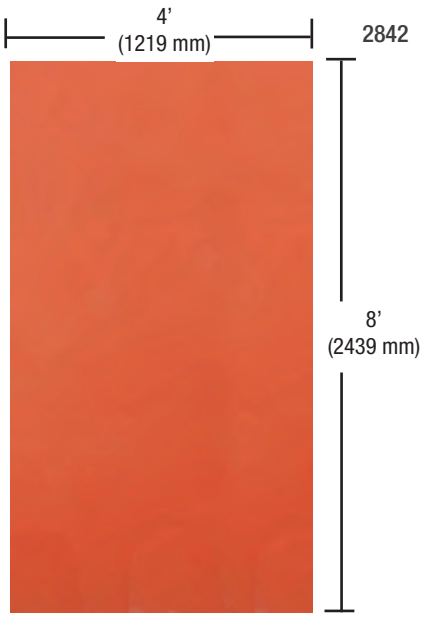
ALL GUARDS ARE TESTED TO ASTM F712

BAGS FOR LINE GUARDS AND POLE GUARDS come in two different sizes and can hold two nested line guards.

All of these bags are made from soil-resistant, vinyl-coated nylon and are equipped with a drawstring and mail bag lock.

The **APPLICATOR EYE KIT** is used to apply a new or extra shotgun eye where needed. If a Bus or "T" guard needs to be shortened or inverted, this kit allows modifications to be made. Clear PVC pipe cement may be used to secure the eye. Directions are included.

The **INSULATING BARRIER SHEET** can be used to create barriers in the field. This sheet is made from Type I ABS plastic and can be worked with ordinary hand tools, saws, tin snips and drills. It can also be hot formed using a heat gun. For example, this sheet can be bent at right angles over a table top to produce flanges for joining with other parts. Pipe adhesive can be used to join to other parts. The rated puncture is 50kV. This sheet is not intended for permanent or semipermanent barrier or insulating applications. It should be used for accidental brush applications. The 2842 barrier material meets the requirements of ASTM F712, 9.1.1 Type 1 Guards. The final application and classification of the barrier/cover is the responsibility of the user.




1378


1933

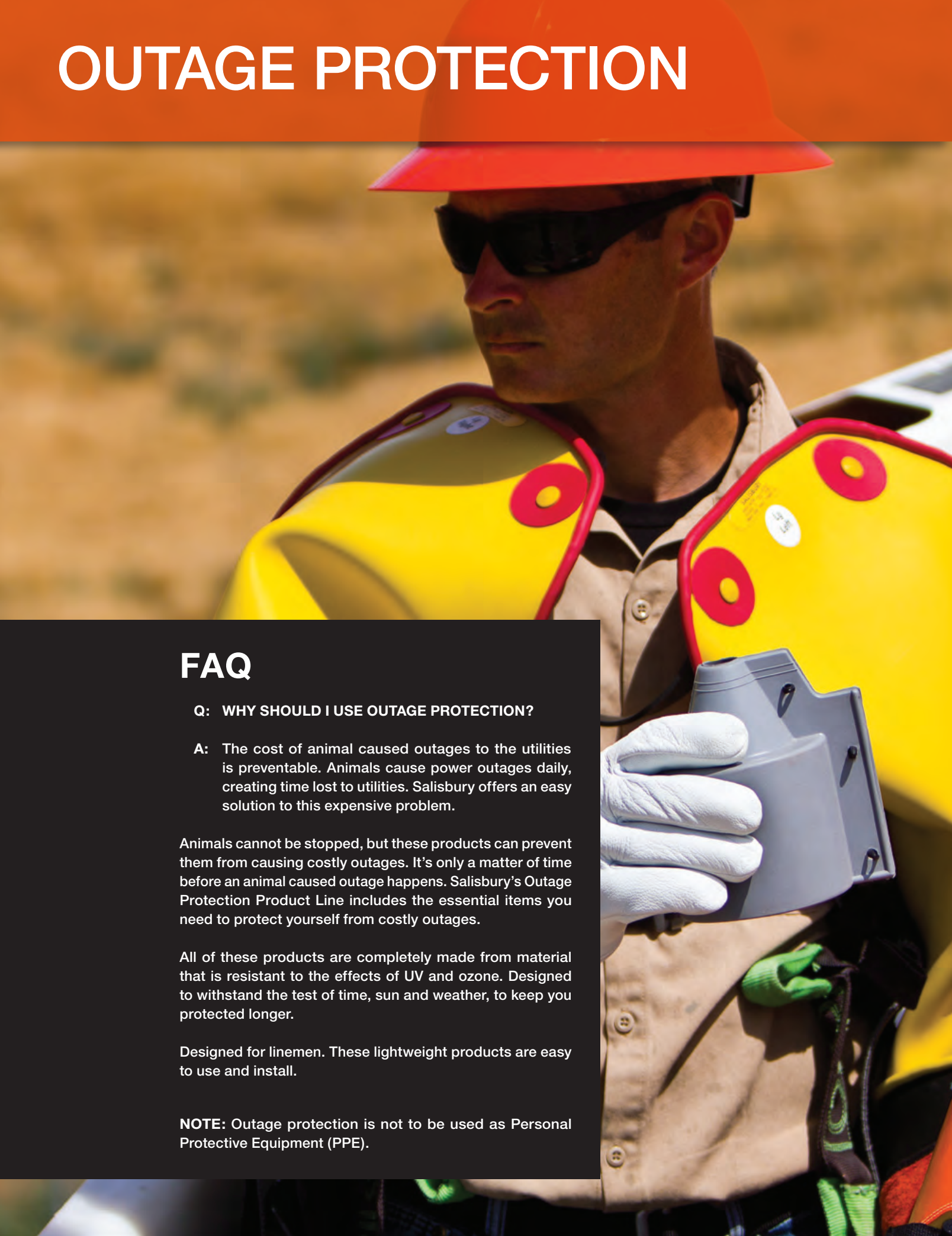
CAT. NO.	DIMENSIONS ft. (m) in. (mm)	WEIGHT EA. lbs. (kgs)
BAGS - LINE GUARDS		
1841	2 - 6' (1.8) line guards or 2 - 9" x 6' (229 x 1.8) Line Guards	4.5 (2.0)
1933	2 - 4.5' (1.4) line guards or 2 - 9" x 4' (229 x 1.22) Line Guards	3.5 (1.6)
BAGS - POLE GUARDS		
1871	2 - 12" x 6' (305 x 1.8) Pole Guards	5.2 (2.4)
EYE KIT		
1378	1 eye per kit	.25 (.11)
BARRIER SHEET		
2842	4' x 8' x .125" (1.2m x 2.4m x 3.2)	36 (16.4)


1871


1871 Pole Guard Bag

OUTAGE PROTECTION

OUTAGE PROTECTION



FAQ

Q: WHY SHOULD I USE OUTAGE PROTECTION?

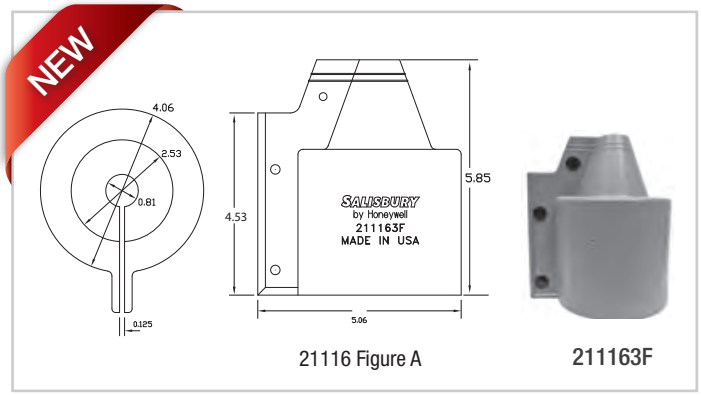
A: The cost of animal caused outages to the utilities is preventable. Animals cause power outages daily, creating time lost to utilities. Salisbury offers an easy solution to this expensive problem.

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.

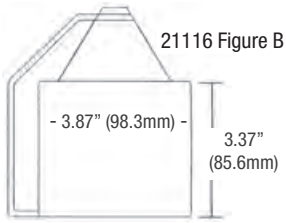
NOTE: Outage protection is not to be used as Personal Protective Equipment (PPE).



21116 Figure A

211163F

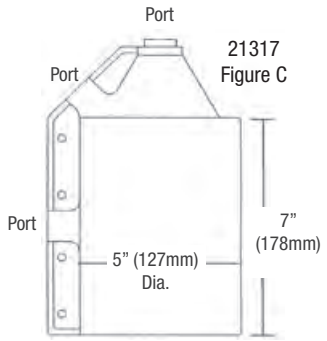
21116



Standard Bushing Guard

21116 TC

21317 - Tri-Port®



Tri-Port Bushing Guard

BC512

21644

Standard Salisbury **BUSHING COVERS** and Salisbury **TRI-PORT® BUSHING COVERS** are made from Ozone and UV resistant silicone rubber which maximizes their 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 weathershed of the bushing and are securely fastened by inserting lock buttons (provided).

The **211163F** new bushing cover option provides added protection against animal caused outages. The third fastener (lock button) secures the cover firmly onto the bare conductor or stinger cover further insulating energized equipment. The **21116TC**, Bushing Cover includes the 21644 Tube Closure. The **21644** Tube Closure provides an easier and quicker way to securely close the standard bushing cover

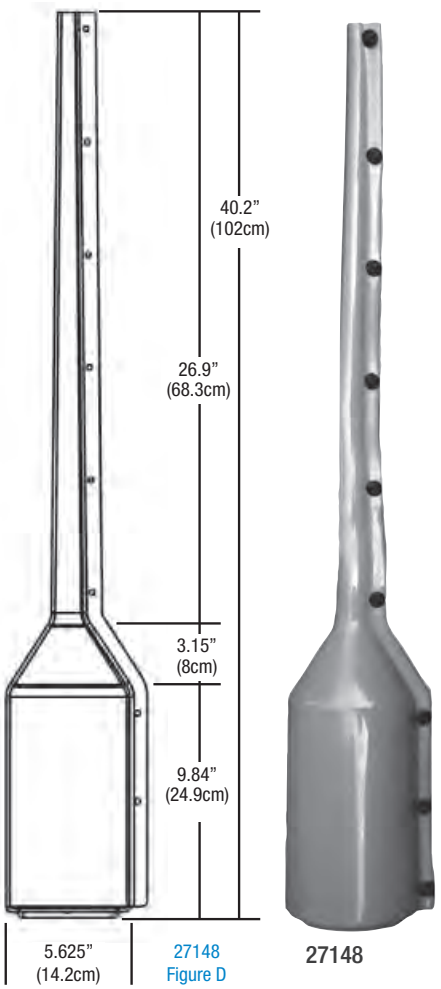
Bushing Covers can be installed without disconnecting equipment using rubber insulating gloves. Covering a small area of the lead wire, the opening can be trimmed to accommodate larger wires or 5/8" and 3/4" Salisbury Stinger Covers.

CONE BUSHING COVERS For complete 360 degree coverage, the BC512 is the right choice. These covers come 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.

CAT. NO.	DESCRIPTION	DIMENSIONS in. (mm)	QUANTITY	FLASHOVER TEST PHASE TO GROUND VOLTAGE	WEIGHT EA. lbs. (kgs)
BUSHING COVERS					
21116	Cover Only w/ 2 lock buttons	See figure B	24 pcs.	16 kV	16 (7.3)
211163F	Cover Only w/ 3 lock buttons	See figure A	24 pcs.	16 kV	16 (7.3)
21116TC	Cover Only w/ 21644	See figure A	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	See Figure C	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)

PVC BUSHING COVER SYSTEM

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 weather shed 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.



Bushing-Stinger
Cover Cross-Section

Bushing-Stinger
Cover Cross-Section

CAT. NO.	DESCRIPTION	DIMENSIONS in. (mm)	QUANTITY	PHASE TO GROUND FLASHOVER TEST VOLTAGE	WEIGHT EA. lbs. (kgs)
COMPLETE BUSHING-STINGER COVER					
27148	Bushing Cover & Stinger Cover Unit	See figure D	1 pc	-	48 (21.9)

THE SALISBURY STINGER COVERS SC AND SCS SERIES ARE EXTRUDED IN EPDM OR SILICONE RUBBER AND DESIGNED FOR FIELD INSTALLATION OVER BARE CONDUCTORS. THE COVERS PROVIDE ELECTRICAL INSULATION AND PROTECTION FOR PHASE TO PHASE AND PHASE TO GROUND FLASHOVER THAT IS CAUSED BY WILDLIFE CONTACT. ACCEPTED BY (RURAL UTILITY SERVICES) RUS.

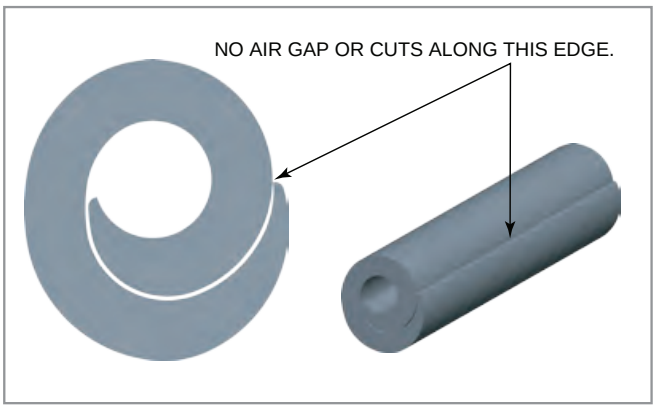
High Voltage Wild Life Outage Protection Conductor Cover.

NEW SILICONE STINGER COVERS are suitable for applications up to 20kV Phase to Ground. The new cover design offers improved electrical insulation for phase to phase and phase to ground protection. The covers are extruded with a tapered profile specifically designed to overlap onto itself and over the conductor further improving the dielectric properties and conductor protection. The new stinger covers are manufactured using silicone rubber which has excellent high and low temperature properties. They are designed to resist the test of time, sun and weather while keeping assets protected.

The stinger cover can be installed without disconnecting the lead wire from the bushing. Stinger covers are available in six diameters and are easily cut down to the length needed in the field.

SILICONE STINGER COVER FEATURES:

- Suitable for applications up to 20kV phase to ground
- Six sizes available & will fit conductors up to 1.25” dia.
- Improved pliability at greater temperature ranges -40° C to 200° C
- Excellent UV & Ozone resistance
- Unique design profile
- Excellent conductor protection and fit
- Easy slip on installation, no tool required
- Flexibility of covers facilitate overhead installation on tight bends. Ideal for substation and distribution applications



NEW 20kV SILICONE STINGER COVER
SPECIFICATIONS

PHYSICAL PROPERTIES

PROPERTY	SPECIFICATION	TEST METHOD
Material	Silicone Rubber	N/A
Color	Gray	N/A
Tensile Strength	600 PSI min	ASTM D-638
Elongation	≥200%	ASTM D-412
Durometer	60 +/-8	ASTM D2240
Temperature	-40°C to 200°C	N/A
Tear resistant	75 PPI min	N/A
Ozone resistant	No crack @ 40C°(107°F), 70 hrs	N/A
UV resistant (ASTM G-26)	Yes	N/A
Flammability rating (provided by material supplier)	UL 94 V-0	N/A
Comparative Tracking Index	> 500 V	ASTM D-3638
Low Temperature Torsional Stiffness	Pass	ASTM D 1053-92E

ELECTRICAL PROPERTIES

PROPERTY	SPECIFICATION	TEST METHOD
Dielectric Strength	≥ 300 V/mil (118 kV/cm)	ASTM D149
Flash over rating	Refer to ordering information	ASTM D1050 18.2 Electrical Flashover test
Volumetric resistivity	≥1 x 10^{14} Ohm/cm	N/A

Enhanced cover profile allows for easy "slip on" installation.

ORDERING INFORMATION

CAT. NO.	I.D. in. (mm)	THICKNESS in. (mm)	FLASHOVER TEST PHASE TO GROUND (kV)	FLASHOVER TEST PHASE TO PHASE (kV)	QUANTITY ft. (m)	WEIGHT lbs. (kgs)	CARTON SIZE in. (mm)
38-25SCS	3/8 (9.5)	.200 (5.08)	20	35	25 (7.62) coil	10 (4)	18 x 18 x 6 (457.2 x 457.2 x 154.2)
38-50SCS	3/8 (9.5)	.200 (5.08)	20	35	50 (15.24) coil	20 (9)	18 x 18 x 6 (457.2 x 457.2 x 154.2)
50-50SCS	1/2 (12.7)	.200 (5.08)	20	35	50 (15.24) coil	23 (10)	20 x 20 x 8 (508 x 508 x 203.2)
58-25SCS	5/8 (15.9)	.200 (5.08)	20	35	25 (7.62) coil	13 (5)	18 x 18 x 6 (457.2 x 457.2 x 154.2)
58-50SCS	5/8 (15.9)	.200 (5.08)	20	35	50 (15.24) coil	26 (11)	20 x 20 x 8 (508 x 508 x 203.2)
34-25SCS	3/4 (19.1)	.200 (5.08)	20	35	25 (7.62) coil	16 (7)	18 x 18 x 6 (457.2 x 457.2 x 154.2)
34-50SCS	3/4 (19.1)	.200 (5.08)	20	35	50 (15.24) coil	32 (14)	20 x 20 x 8 (508 x 508 x 203.2)
100-25SCS	1 (25.4)	.200 (5.08)	20	35	25 (7.62) coil	18 (8)	20 x 20 x 8 (508 x 508 x 203.2)
125-25SCS	1 ¼ (31.8)	.200 (5.08)	20	35	25 (7.62) coil	18 (8)	20 x 20 x 8 (508 x 508 x 203.2)

10kV-15kV WILD LIFE OUTAGE PROTECTION CONDUCTOR COVER

EPDM Silicone Stinger Covers are suitable for applications up to 15kV Phase to Ground. The stinger covers are made with EPDM rubber, which is UV and ozone resistant and is applied over the conductor. They are designed to resist the test of time, sun and weather to keep the assets protected.

The stinger cover can be installed without disconnecting the lead wire from the bushing. Stinger covers are available in three diameters and are easily cut down to the length needed in the field.

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.

EPDM STINGER COVER FEATURES:

- Suitable for applications up to 15kV phase to ground
- Three sizes and multiple packaging options available & will fit conductors up to .75" dia.
- Flexibility of covers facilitate overhead installation on tight bends. Ideal for substation and distribution applications.
- Excellent UV & Ozone resistance

EPDM Stinger Cover

Stinger Cover Cross-section

10-15kV EPDM STINGER COVER SPECIFICATIONS

PHYSICAL PROPERTIES

PROPERTY	SPECIFICATION	STANDARD
Material	EPDM	N/A
Color	Gray	N/A
Tensile Strength	600 PSI	ASTM D412
Elongation	500%	ASTM D412
Durometer	78	ASTM D2240

ELECTRICAL PROPERTIES

PROPERTY	SPECIFICATION	STANDARD
Dielectric Testing	486 V/mil (191.3 kV/cm)	ASTM D149
Flash over Rating	Refer to Ordering Information	ASTM D1050

ORDERING INFORMATION

CAT. NO.	I.D. in. (mm)	DIMENSIONS ft (m)	FLASHOVER TEST PHASE TO GROUND (kV)	FLASHOVER TEST PHASE TO PHASE (kV)	QUANTITY	WEIGHT lbs. (kgs)
38-2SC	3/8 (9.5)	2 (.61)	10.5	18	25 pcs.	9.5 (4.3)
38-50SC	3/8 (9.5)	50 (15.3)	10.5	18	1 coil	9.5 (4.3)
38-12SC	3/8 (9.5)	12 (3.7)	10.5	18	4 pcs.	9.5 (4.3)
38-18SC	3/8 (9.5)	18" (457mm)	10.5	18	50 pcs.	11 (5)
38-100SC	3/8 (9.5)	100 (30.5)	10.5	18	1 coil	16 (7.25)
58-12SC	5/8 (15.9)	12 (3.7) coil	12.5	22	4 pcs.	22 (10)
58-50SC	5/8 (15.9)	50 (15.3) coil	12.5	22	1 pc.	21 (9.5)
58-100SC	5/8 (15.9)	100 (30.5) coil	12.5	22	1 pc.	45 (20.5)
34-12SC	3/4 (25.4)	12 (3.7) coil	14.9	26	4 pcs.	22 (10)
34-25SC	3/4 (25.4)	25 (7.6) coil	14.9	26	2 pcs.	22 (10)

INSTANT INSULATION may be installed as a 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.

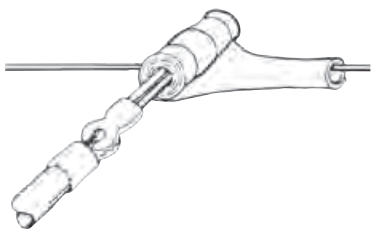
Instant Insulation can be installed using the **2494 APPLICATOR.** To install, insert one end of the Instant Insulation into the applicator prongs, then roll and coil the insulation as shown. Secure the coil end with tape, cable ties, or rubber bands. To install, release the secured end and the Instant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

NOTE: INSTANT INSULATION IS CURRENTLY RATED AT 20kV PER ASTM D1050 18.2 ELECTRICAL FLASHOVER TEST. MATERIAL DIELECTRIC STRENGTH IS OF 486 V/MIL. EFFECTIVE THICKNESS IS .15" TO .2" WHEN INSTALLED.

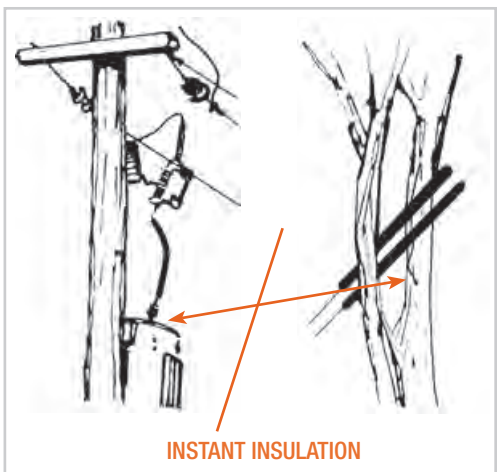
INSTANT INSULATION 12' / 3.6M LONG

CAT NO.	DIMENSIONS in.	DIMENSIONS mm	FLASHOVER TEST PHASE TO GROUND (kV)	FLASHOVER TEST PHASE TO PHASE (kV)	LENGTH ft. (m)	COLOR	WEIGHT EA. lbs. kgs
1127	.75 I.D.	19 I.D.	20	34.5	12 (3.6)	Grey	7 (3.2)
1128	.75 I.D.	19 I.D.	20	34.5	12 (3.6)	Orange	7 (3.2)
1129	1.00 I.D.	25 I.D.	20	34.5	12 (3.6)	Grey	8 (3.6)
1130	1.00 I.D.	25 I.D.	20	34.5	12 (3.6)	Orange	8 (3.6)
1131	1.25 I.D.	32 I.D.	20	34.5	12 (3.6)	Grey	10 (4.5)
1132	1.25 I.D.	32 I.D.	20	34.5	12 (3.6)	Orange	10 (4.5)
2494	Universal Hotstick Applicator				1 (.5)		

2494



1127



HARD HATS & FACE SHIELDS

HARD HATS & FACE SHIELDS

Salisbury's hard hats, face shields and accessories provide comfortable and dependable head and face protection users will want to wear; featuring stylish, light weight shell designs, suspension height adjustment and comfort padding. Our ratchet adjustment suspensions all make use of the natural shape of the head to create a firm yet comfortable fit, providing workers with superior comfort all day long. Greater compliance and worker safety in head protection is an active part of our ongoing commitment to quality, innovation and the enhancement of safety in the workplace.

SA49R01

SA49R03

SA79R01

SA79R02

SA79R03

Salisbury's **FULL BRIM HDPE HARD HAT** provides protection from the sun's harmful UV rays, rain, and falling debris. Ideal for utilities and other demanding environments. Accessory slots make this the first full brim hard hat to accept face and hearing protection accessories for the available protection. Choice of high quality suspension designed for comfort, with forehead comfort band and crown pad, 2-level height adjustment and with ratchet size adjustment.

Salisbury's **SA79R01** & **SA79R03** offer a versatile and dependable design, with grooved HDPE outer shell, rain trough and accessory slots. Features 4-point, Nylon web or plastic suspension, with ratchet size adjustment. All suspension choices feature 3-level height adjustment.

4-POINT RATCHETING REPLACEMENT NYLON SUSPENSION

*IMPORTANT - Please add the color code to the end of hard hat #
(EX:SA79R01 - 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

CAT. NO.	DESCRIPTION	SHELL	WEIGHT EA. lbs. (kgs)
SA49R01	Full Brim White 6-Point Nylon Suspension	HDPE	5.4 oz. (kg)
SA49R02	Full Brim Yellow 6-Point Nylon Suspension	HDPE	15.4 oz. (kg)
SA49R03	Full Brim Orange 6-Point Nylon Suspension	HDPE	15.4 oz. (kg)
SA79R01	Peak White 4-Point Nylon Suspension	HDPE	11.6 oz. (kg)
SA79R02	Peak Yellow 4-Point Nylon Suspension	HDPE	11.6 oz. (kg)
SA79R03	Peak Orange 4-Point Nylon Suspension	HDPE	11.6 oz. (kg)

INTRODUCING THE NEXT GENERATION IN ARC FLASH HEAD PROTECTION. Salisbury's revolutionary 40 cal/cm² Lift Front Hood (LFH40) combines our award winning weight balancing face shield and a transparent chin guard with the standard hood. Lift Front Hood's wider face shield and transparent chin guard more than doubles the vertical peripheral vision of a standard hood.

Salisbury by Honeywell's NEW revolutionary **AS2000HAT** is a Weight Balancing Arc Flash Protection Face Shield. The shield stows in a balanced, compact position and is centered over the top of the hard hat when not in use. The AS2000HAT has an ATPV rating of 20 cal/cm² and utilizes nanotechnology to provide a clearer, more transparent window for improved visibility.

The **AS1200HAT** has an ATPV rating of 12 cal/cm² and utilizes nanotechnology to provide a more transparent window for improved visibility. The shield/window is designed to be easily replaced without tools.

AS1200 SERIES

7.5" x 20" Viewing area
Extra light tint
.06" Thick
Absorbs >99.9% of harmful UV radiation
Resistant to fogging
Meets current ANSI Z87.1 and is CSA standard compliant
Tested to ASTM F2178 specifications

CAT. NO.	DESCRIPTION
LFH40PLT	*NEW* 40 cal, Premium light Weight, 2 layers, 5 oz/yd² over 6.32 oz/yd² arc flash protection hood w/SA79R03 hard hat
LFH40	*NEW* 40 cal, 2 layers, 9oz/yd² over 9oz/yd² arc flash protection hood w/SA79R03 hard hat
AS2000HAT	*NEW* 20 cal/cm², arc flash protection face shield unit w/SA79R03 hard hat
AS2000HAT-CLR	*NEW* AS2000HAT w/ transparent chin guard
AS2000	*NEW* 20 cal/cm², arc flash protection face shield unit
AS2000FS	*NEW* Replacement face shield/window
AS2000FB	20 cal/cm², Universal fit, arc flash protection face shield unit for full brim hard hats
AS1200HAT	12 cal/cm² weight balancing arc flash protection face shield unit w/SA79R03 hard hat
AS1200HAT-CLR	12 cal/cm², AS1200HAT w/ transparent chin guard
AS1200	12 cal/cm², weight balancing arc flash protection face shield unit
AS1200FB	12 cal/cm², Universal fit, arc flash protection face shield unit for full brim hard hats
AS1200U	12 cal/cm², Universal fit, arc flash protection face shield unit for front brim hard hats
AS12CLR-FB	Transparent chin guard for AS1200 series front brim.
AS1200FS-FB	12 cal/cm², Replacement face shield/window for AS1200FB full brim
AS1200FS	12 cal/cm² replacement face shield/window for AS1200 series
FLKIT	Attachable task light (1) & FLCLIP


LFH40PLT w/ FLKIT


LFH40 w/ FLKIT


AS2000


AS2000HAT-CLR


AS12000HAT


AS1200-CLR


AS2000FB


AS1200FB with SA49R01 & FLKIT

NOTE: IN ORDER TO ACHIEVE 360 DEGREE 20 CAL/CM² PROTECTION, A 20 CAL/CM² BALACLAVA MUST BE WORN.
NFPA 70E: AN ARC RATED HOOD SHALL BE USED WHEN THE ANTICIPATED INCIDENT ENERGY EXPOSURE EXCEEDS 12 CAL/CM².

DIELECTRIC FOOTWEAR

DIELECTRIC FOOTWEAR

FAQ

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 allows personnel to safely mount and dismount equipment in the work zone.

ASTM Dielectric Footwear allows personnel to safely retrieve material from truck bins.

DEEP HEEL OVERSHOES - 100% TESTED TO 20KV


21405CE


21405

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 natural 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 dielectric footwear sole has a durable construction with a non-skid bar tread outsole.

All of Salisbury's ASTM Dielectric Footwear conforms with ASTM F1117 and all are 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.


21406


51511

IMPROVED OVERSHOES - Salisbury now offers improved 51511 non-buckle overshoe and 51512 2-Buckle overshoe. The improved overshoes includes a 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.


BOB SOLE


51512


51509


51508


51512 CE


51511 CE

CAT. NO.	DESCRIPTION	SIZES	WEIGHT PR. lbs. (kgs)
21405*	17", 1 Buckle Overboot	Whole Sizes 7 - 16	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)

BOB SOLE OVERSHOES

51511*	Bob Sole - Non-Buckle Overshoe	Whole Sizes 7 - 16	3.3 (1.5)
51512*	Bob Sole - 2 Buckle Overshoe	Whole Sizes 7 - 16	4.4 (2)

* CE CERTIFIED FOOTWEAR

NOTE: When ordering, add size as suffix to part number. Be sure to add a space between the part number and size.

EXAMPLE: 51511 7, for CE Certified footwear 21406CE 10

Protective Rubber Equipment Labeling Chart

for Salisbury Natural Rubber and SALCOR® Rubber Protective Equipment

Rubber insulating gloves are available in six ASTM defined voltage classes. Rubber dipped sleeves are available in Class 0 through 4. The chart below identifies the class, proof test voltage and maximum allowable exposure voltage.

* Max. Use Voltage when worn with leather protectors.

Insulating Gloves and Sleeves must have a color coded label to meet appropriate ASTM Specifications.

Class Color	Proof Test Voltage AC / DC	Max. Use Voltage* AC / DC	Rubber Molded Products Label	Insulating Rubber Glove Label	Insulating Rubber Dipped Sleeve Label
00 Beige	2,500 / 10,000	500 / 750		10 SALISBURY ANSI / ASTM D120 CLASS 00 TYPE I MADE IN U.S.A MAX USE VOLT 500V AC	
0 Red	5,000 / 20,000	1,000 / 1,500	SALISBURY "MAX. USE VOLTAGE: 1,000 V AC" CLASS 0 TYPE I	10 SALISBURY ANSI / ASTM D120 CLASS 0 TYPE I MADE IN U.S.A MAX USE VOLT 1000V AC	SALISBURY ANSI / ASTM D1051 CLASS 0 TYPE I MADE IN U.S.A MAX USE VOLT 1000V AC
1 White	10,000 / 40,000	7,500 / 11,250	SALISBURY "MAX. USE VOLTAGE: 7,500 V AC" CLASS 1 TYPE I	10 SALISBURY ANSI / ASTM D120 CLASS 1 TYPE I MADE IN U.S.A MAX USE VOLT 7500V AC	SALISBURY ANSI / ASTM D1051 CLASS 1 TYPE I MADE IN U.S.A MAX USE VOLT 7500V AC
2 Yellow	20,000 / 50,000	17,000 / 25,500	SALISBURY "MAX. USE VOLTAGE: 17,000 V AC" CLASS 2 TYPE I	10 SALISBURY ANSI / ASTM D120 CLASS 2 TYPE I MADE IN U.S.A MAX USE VOLT 17000V AC	SALISBURY ANSI / ASTM D1051 CLASS 2 TYPE I MADE IN U.S.A MAX USE VOLT 17000V AC
3 Green	30,000 / 60,000	26,500 / 39,750	SALISBURY "MAX. USE VOLTAGE: 26,500 V AC" CLASS 3 TYPE I	10 SALISBURY ANSI / ASTM D120 CLASS 3 TYPE I MADE IN U.S.A MAX USE VOLT 26500V AC	SALISBURY ANSI / ASTM D1051 CLASS 3 TYPE I MADE IN U.S.A MAX USE VOLT 26500V AC
4 Orange	40,000 / 70,000	36,000 / 54,000	SALISBURY "MAX. USE VOLTAGE: 36,000 V AC" CLASS 4 TYPE II	10 SALISBURY ANSI / ASTM D120 CLASS 4 TYPE I MADE IN U.S.A MAX USE VOLT 36000V AC	SALISBURY ANSI / ASTM D1051 CLASS 4 TYPE I MADE IN U.S.A MAX USE VOLT 36000V AC

INSULATED JUMPERS

INSULATED JUMPERS

FAQ

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 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. This clamp tightens with a ratchet action using one hand, with no extra tools, for a secure and positive connection. When you want to loosen or remove the jumper clamp, simply pull and turn the locking knob and it will loosen like a traditional clamp.

SALISBURY ADVANTAGE

Insulated bypass jumper sets consist of three basic components: one pair of clamps, one pair of ferrules and a length of insulated cable. On the following pages, the most popular jumper sets are listed with the types of jumper clamps in which the are associated. When a custom jumper is required, follow this procedure to ensure that a complete and functional jumper is specified.

If you quickly need assembled jumper sets, please contact your local Salisbury Representative for more information.

Let Salisbury professionally assemble your sets for you.

All Salisbury Insulating Jumpers meet ASTM F2321 standards.

INSULATED JUMPER CHECKLIST

1. Specify the style of insulated clamps. All of the clamps are hand installed wearing rubber insulating gloves, accept either shrouded or unshrouded ferrules and accept insulated cable up to 4/0, 35 kV. Insulated jumper clamps are sold in pairs.

2. Specify the size and length of insulated cable. Salisbury offers 15 kV cable from #2 to 4/0. 25 kV and 35 kV cable are both available in sizes 1/0 and 2/0. Be sure to specify the length of the cable chosen.

3. Specify the size and style of ferrules required. The size of the ferrule will be determined by the size of the cable. Specify the appropriate ferrule catalog number for either shrouded or unshrouded ferrules. Both types are sold in pairs.

4. Specify if the jumpers are to be factory assembled. A complete jumper set with crimped ferrules and installed jumper clamps will be supplied. Salisbury has state-of-the-art, computer-controlled crimping available.

5. Specify if there are any special requirements. This could include heat shrink tubing, special assembly instructions, markings, packaging, etc.

SURE-LOK® JUMPER CLAMPS & SALCOR® INSULATED JUMPER CLAMPS

THE SALISBURY SURE-LOK® JUMPER CLAMP is a revolutionary improvement over any other jumper clamp in the world. Featuring a ratchet type locking mechanism.

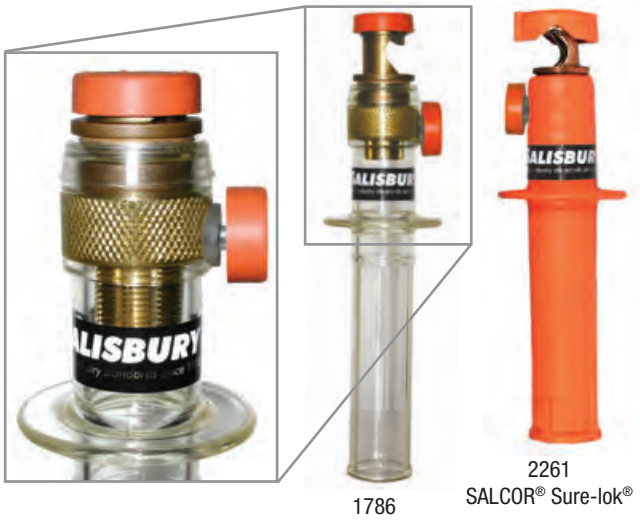
Loose jumper clamps not only jeopardize your safety but can also cause fires and power outages. This clamp tightens with a ratchet action using one hand, with no extra tools for a secure, positive connection. It can't come loose until you want it to. Pull and turn the locking knob and it loosens like any traditional clamp.

Available in our exclusive SALCOR® material and the industry's most durable single piece clear plastic jumper clamps.

SALCOR® JUMPER CLAMPS are available in two main line sizes with a maximum use voltage of 35 kV.

The **SALCOR® JUMPER CLAMP** not only provides a superior grip, but also resists ozone cutting and tracking. Being molded of rubber, these handles are inherently impact resistant and extremely durable. The body and jaw are made from a copper base alloy. The lower ring contact is made of self lubricating bronze. Assemble jumpers with insulated jumper cable and 5/8"- 11 NC threaded ferrules. Assembled kits are sold with a 10 ft. (3 m) cable and unshrouded ferrules.

Custom built assemblies are available. Contact your local Salisbury Representative for more information.



1786

2261
SALCOR® Sure-lok®

2260

2270

CAT. NO.	DESCRIPTION	MAIN LINE RANGE	MAX AMPS CONTINUOUS	RATING	OAL LENGTH in. (mm)	WEIGHT EA. lbs. (kgs)
2261	SALCOR® Sure-lok® Jumper Clamp	477 MCM (.9"-.162")	400	36 kV Ø-Ø, 21 kV Ø-GRD	11.5 (292 mm)	10 (4.5)
2271	SALCOR® Sure-lok® Jumper Clamp	954 MCM (1.25"-.162")	400	36 kV Ø-Ø, 21 kV Ø-GRD	11.5 (292 mm)	11 (5)
1786	Clear Plastic Sure-lok® Jumper Clamp	477 MCM (.9"-.162")	400	36 kV Ø-Ø, 21 kV Ø-GRD	11.5 (292 mm)	8 (3.6)
2116	Clear Plastic Sure-lok® Jumper Clamp	954 MCM (1.25"-.162")	400	36 kV Ø-Ø, 21 kV Ø-GRD	11.5 (292 mm)	10 (4.5)
2260	SALCOR® Jumper Clamp	477 MCM (.9"-.162")	400	36 kV Ø-Ø, 21 kV Ø-GRD	11.5 (292 mm)	10 (4.5)
2270	SALCOR® Jumper Clamp	954 MCM (1.25"-.162")	400	36 kV Ø-Ø, 21 kV Ø-GRD	11.5 (292 mm)	11 (5)

10 FT. / 3M ASSEMBLED JUMPER SETS WITH UNSHROUDED FERRULES

JUMPER CAT. NO.	CABLE SIZE	CABLE CAT. NO.	FERRULE CAT. NO.	MAX AMPS CONTINUOUS	WEIGHT EA. lbs. (kgs)
10FT./3M ASSEMBLED JUMPER SET WITH 2260 CLAMPS					
2264	#2-15 kV	2754	2022	200	10.9 (4.9)
2265	1/0-15 kV	2755	2023	250	13.5 (6.1)
2266	2/0-15 kV	2756	2024	300	14.8 (6.8)
10FT./3M ASSEMBLED JUMPER SET WITH 2270 CLAMPS					
2274	#2-15 kV	2754	2022	200	11.9 (5.4)
2275	1/0-15 kV	2755	2023	250	14.6 (6.8)
2276	2/0-15 kV	2756	2024	300	15.9 (7.2)

Clear Jumper with Cable

2115

1610

1785

SALISBURY'S SUPERIOR STRESS CRACKING-RESISTANT CLEAR JUMPER CLAMPS are available in two main line sizes with a maximum use voltage of 35 kV. Assemble these clamps with insulated jumper cable and 5/8" - 11 NC threaded ferrules.

CLEAR PLASTIC JUMPER CLAMPS are compact, lightweight, and virtually unbreakable. The transparency allows easy inspection of the ferrule and cable inside of the handle. The body and jaw are made from a copper base alloy. The lower floating ring contact is bronze. These handles should be cleaned only with a mild detergent to maintain the transparency of the handle. Assembled kits are sold with a 10 ft. (3 m) cable and unshrouded ferrules.

FRP JUMPER CLAMPS are designed for maximum loads, voltages and cables. During a temperature rise test at 25% overload, these clamps heated 35% less than 4/0 cu. cable. Blunted points on the handle provide optimum grip, resist impact and will not soften with overloads. The body and jaw are made from a copper based alloy. The lower jaw is made of self lubricating bronze. The assembled jumpers are sold with a 10 ft. (3 m) or 12 ft. (3.7 m) cable and unshrouded ferrules.

Custom built assemblies are available. Contact your local Salisbury Representative for more information.

CAT. NO.	DESCRIPTION	MAIN LINE RANGE	MAX AMPS CONTINUOUS	RATING	OAL LENGTH in. (mm)	WEIGHT EA. lbs. (kgs)
1610	FRP Jumper Clamp	954 MCM (1.25"-.162")	400	36 kV Ø-Ø, 21 kV Ø-GRD	11 (279)	14 (6.4)
1785	Clear Plastic Jumper Clamp	477 MCM (.9"-.162")	400	36 kV Ø-Ø, 21 kV Ø-GRD	11.5 (292)	8 (3.6)
2115	Clear Plastic Jumper Clamp	954 MCM (1.25"-.162")	400	36 kV Ø-Ø, 21 kV Ø-GRD	11.5 (292)	10 (4.5)

10 FT. / 3M ASSEMBLED JUMPER SETS WITH UNSHROUDED FERRULES

JUMPER CAT. NO.	CABLE SIZE	CABLE CAT. NO.	FERRULE CAT. NO.	MAX AMPS CONTINUOUS	WEIGHT EA. lbs. (kgs)
10FT./3M ASSEMBLED JUMPER SET WITH 1785 CLAMPS					
2067	#2-15 kV	2754	2022	200	9.9 (4.5)
2178	2/0-15 kV	2756	2024	300	13.9 (6.3)
10FT./3M ASSEMBLED JUMPER SET WITH 2115 CLAMPS					
2074R1	#2-15 kV	2754	2022	200	10.9 (4.9)
2164	2/0-15 kV	2756	2024	300	14.8 (6.8)
2174R1	1/0-15 kV	2755	2023	250	16.8 (7.6)

ASSEMBLED JUMPER SETS WITH UNSHROUDED FERRULES

JUMPER CAT. NO.	CABLE LENGTH	CABLE SIZE	CABLE CAT. NO.	FERRULE CAT. NO.	MAX AMPS CONTINUOUS	WEIGHT EA. lbs. (kgs)
10FT./3M ASSEMBLED JUMPER SET WITH 1610 CLAMPS						
2772	10'	2/0-15kV	2756	2024	300	5.8 (2.9)
2773	10'	4/0-15kV	2757	2025	400	20.3 (9.2)
2450	10'	1/0-15kV	2755	2023	250	15 (6.8)
2066	12'	1/0-35kV	2059	2023	250	20.3 (9.2)
20876	12'	2/0-35kV	4370	2024	300	21.5 (9.8)

FLEXIBLE INSULATED JUMPER CABLES, STICK INSTALLED FLEXIBLE JUMPERS & FERRULES

FLEXIBLE INSULATED JUMPER CABLES are lightweight and resistant to oil, heat, moisture, ozone and abrasion. The cable is embossed every three feet with the conductor size and kV rating.

All jumper cables use fine stranded conductor and a new EPR low temperature unipass orange CV cured jacket. The fine stranded copper conductor is alloy coated and assembled in a unidirectional rope lay for extra flexibility. The conductor has a semiconducting shield surrounding it to relieve voltage stress and improve dielectric strength and service life.

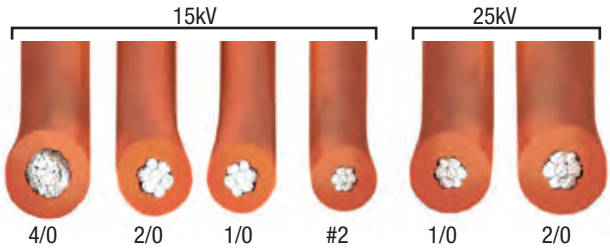
Cable meets requirements of ASTM F2321.

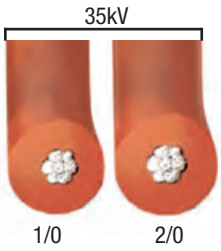
STICK INSTALLED FLEXIBLE JUMPERS can be manufactured for hotstick operations using Salisbury heavy-duty eye clamps. Clamps are rated for continuous current and fit all standard shotgun type hotsticks. For ease of application, a Hanger Stud is recommended. Shrouded ferrules are not recommended for use with eye type clamps.

Custom built assemblies are available. Contact your local Salisbury Representative for more information.

FERRULES are manufactured in two different styles: unshrouded and shrouded. Shrouded ferrules are compressed on both the conductor and the insulating jacket of the high voltage EPR cable to reduce bending stress. Shrouded ferrules are designed to be used on glove-installed high voltage jumpers. Unshrouded ferrules are crimped to the conductor strands only and can be used on either stick- or glove-installed jumpers.

FERRULES are manufactured of 99.5% pure copper with industry standard 5/8"-11 NC threads. Ferrules are topped with a brass hex jam nut and toothed stainless steel lockwasher.






unshrouded


shrouded

FLEXIBLE INSULATED JUMPER CABLES, STICK INSTALLED FLEXIBLE JUMPERS & FERRULES

FLEXIBLE INSULATED JUMPER CABLES

CAT. NO.	SIZE & STR. AWG	KV RATING Ø TO Ø	NOMINAL Ø TO GRD	STR. DIA. in. (mm)	O.A. DIA. in. (mm)	MAX AMPS CONTINUOUS	WEIGHT PER 1000 FT. lbs.	kgs
2754	#2-259W	15	10	.320 (8.1)	.75 (19)	200	440	199
2755	1/0-413W	15	10	.403 (10.2)	.83 (21)	250	600	272
2756	2/0-427W	15	10	.456 (11.5)	.90 (23)	300	710	322
2757	4/0-437W	15	10	.592 (15.0)	1.01 (25.6)	400	1050	476
21300	1/0-413W	25	15	.403 (10.2)	1.06 (27)	250	650	295
21060	2/0-427W	25	15	.456 (11.5)	1.10 (28)	300	750	341
2059	1/0-413W	35	20	.403 (10.2)	1.22 (31)	250	950	431
4370	2/0-427W	35	20	.48 (12.1)	1.31 (33.1)	300	1060	482

STICK INSTALLED FLEXIBLE JUMPERS

CAT. NO.	MAIN LINE RANGE	MAX AMPS CONTINUOUS	COMPONENTS	RATING	WEIGHT EA. lbs. (kgs)
2300	1431 ACSR to #6 Sol., 1.5"- .16"	250	2#1895 Alum "C" Clamp 1#1928 Hanger Stud 1#2027 Alum Ferrule 10' #2755 1/0 15 kV Cable	15 kV Ø-Ø	16 (7.3)
2308	1431 ACSR to #6 Sol., 1.5"- .16"	200	2#1895 Alum "C" Clamp 1#1928 Hanger Stud 1#2026 Alum Ferrule 12' #2754 #2 15 kV Cable	15 kV Ø-Ø	10.8 (4.9)
2317	1431 ACSR to #6 Sol., 1.5"- .16"	250	2#2195 Alum "C" Clamp 1#1928 Hanger Stud 1#2027 Alum Ferrule 12' #2059 1/0 35 kV Cable	35 kV Ø-Ø	16 (7.3)
2318	1431 ACSR to #6 Sol., 1.5"- .16"	300	2#1895 Alum "C" Clamp 1#1928 Hanger Stud 1#2620 Alum Ferrule 12' #2756 2/0 15 kV Cable	15 kV Ø-Ø	15.6 (7.1)
2559	1033 ASCR to #6 Sol., 1.25"- .16"	250	2#1853 Alum Duckbill Clamp 1#1858 Hanger Stud 1#2027 Alum Ferrule 10' #2755 1/0 15 kV Cable	15 kV Ø-Ø	16 (7.3)
2877	795 ASCR to #8 Sol., 1.12"- .12"	250	2#2531 Alum "C" Clamp 1#2537 Hanger Stud 1#2027 Alum Ferrule 10' #2755 1/0 15 kV Cable	15 kV Ø-Ø	11 (5.0)
9976	795 ASCR to #8 Sol., 1.12"- .12"	250	2#9985 Brnz "C" Clamp 1#9983 Hanger Stud 1#2023 Cu Ferrule 10' #2755 1/0 15 kV Cable	15 kV Ø-Ø	12 (5.4)
9977	795 ASCR to #8 Sol., 1.12"- .12"	250	2#2937 Brnz "C" Clamp 1#9983 Hanger Stud 1#2023 Cu Ferrule 10' #2059 1/0 35 kV Cable	35 kV Ø-Ø	12.5 (5.6)

FERRULES

CAT. NO.	CABLE SIZE	STRAND DIE CODES T&B	JACKET DIE CODES T&B	BURNDY DIE NUMBER	WEIGHT EA. PAIR lbs. (kgs)
SHROUDED					
2012	#2-15 kV ERP	66	106	-	1.2 (.5)
2013	1/0-15 kV ERP	66	106	-	1.2 (.5)
2014	2/0-15 kV ERP	66	106	-	1.1 (.5)
2015	4/0-15 kV ERP	66	106	-	0.9 (.4)
21353	1/0-25 kV	66	112	-	1.1(.5)
21354	2/0-25 kV	66	112	-	1.1 (.5)
21356	2/0-35 kV	66	125	-	1.1 (.5)
UNSHROUDED - TIN PLATED					
2022	#2	50	-	U243	0.5 (.2)
2023	1/0	50	-	U243	0.4 (.2)
2024	2/0	60	-	U245	0.4 (.2)
2025	4/0	66	-	U247	0.6 (.3)

INSULATED JUMPER CLAMPS ACCESSORIES

STIRRUP CLAMPS are used to convert a hand installed jumper into a stick installed jumper. The stirrup is designed to accept all conventional jumper heads.

The **HOT JUMPER PARKING STAND** safely holds either glove or stick installed hot bypass jumpers. This insulated tool removes the risk of accidental contact with the uninstalled end of an energized jumper. Installs by hand using rubber insulating gloves or with a standard shotgun stick. The fiberglass jumper hanger bar will accommodate standard size mechanical jumper heads.

The **CONNECTOR LINK** connects two insulated jumpers to create a longer jumper length. After the two clamps are connected to the link, the assembly can be wrapped with a small rubber insulating blanket.

2750

21132RG

Parking Stand Installation with Shotgun Stick

4245

INSULATED JUMPER CLAMPS ACCESSORIES

CAT. NO.	MAIN LINE RANGE	DESCRIPTION	MAX. AMPS CONTINUOUS	WEIGHT EA. lbs. (kgs)
2750	--	Connector Link	400	.3 (.1)
21132RG	1033 MCM ASCR to #6 Sol., 1.25"-.16" (32-4.1mm)	Hot Jumper Stirrup Clamp	400	3.0 (1.4)
4245	954 MCM ACSR to #6 Sol., 1.14"- .16" (29- 4.1 mm)	Parking Stand for Hot Jumpers	n / a	3.5 (1.6)

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