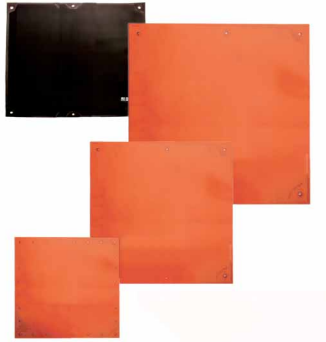


Insulating Blankets

Eyelet Style

These blankets were designed to be easily secured in place by using blanket pins, Snap Buttons, or Ty-Straps.

These blankets are compliant with ASTM D1048 specifications, are flexible and feature a reinforced beaded edge and eyelets for added strength and tear resistance.



Catalog No.	Eyelets	ASTM Class/Proof Test Volt	Type Material	Size - In.	Color	Weight ea. lbs.
12	28	2/20kV	I/Natural	22x22	Black	3
13	28	4/40kV	II/Salcor	22x22	Orange	3
13-1	28	4/40kV	II/Salcor	22x22	Black	3
13-10	12	4/40kV	II/Salcor	22x22	Orange	3
400-E	6	2/20kV	I/Natural	27x36	Black	6
1000-E	6	4/40kV	II/Salcor	27x36	Orange	6
1001-E	6	4/40kV	II/Salcor	27x36	Black	6
300-E	6	2/20kV	I/Natural	36x36	Black	8
900-E	6	4/40kV	II/Salcor	36x36	Orange	8
901-E	6	4/40kV	II/Salcor	36x36	Black	8
900-E12	12	4/40kV	II/Salcor	36x36	Orange	8
1500	28	2/20kV	I/Natural	36x36	Black	8
1700	28	4/40kV	II/Salcor	36x36	Orange	8
1900-E	6	4/40kV	II/Salcor	46x46	Orange	12

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Slotted Style

These are designed for increased versatility and flexibility in special cover-up situations. Use for covering ridge pins, 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. The 36" blanket is also available with 2" or 4.5" center holes and with hook and pile. The 46" blanket features an extra rubber pad at the end of the slot for added strength.



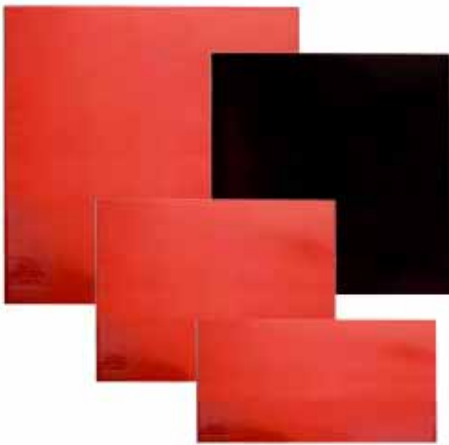
Catalog No.	Eyelets	ASTM Class/Proof Test Volt	Type Material	Size In.	Color	Weight lbs.
14	28	2/20kV	I/Natural	22x22	Black	2.5
15	28	4/40kV	II/Salcor	22x22	Orange	2.5
15-1	28	4/40kV	II/Salcor	22x22	Black	2.5
1100	28	2/20kV	II/Natural	36x36	Black	7
1300	28	4/40kV	II/Salcor	36x36	Orange	7
1301	28	4/40kV	II/Salcor	36x36	Black	7
1302	2" Hole	4/40kV	II/Salcor	36x36	Orange	7
1304	4.5" Hole	4/40kV	II/Salcor	36x36	Orange	7
1300-EV	Zip Style	4/40kV	II/Salcor	36x36	Orange	7
1400-E	6	2/20kV	I/Natural	46x46	Black	12
1800-E	10	4/40kV	II/Salcor	46x46	Orange	11

Insulating Blankets

Without Eyelets

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.

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



Catalog No.	ASTM Class/Proof Test Volt	Type Material	Size In.	Color	Weight lbs.
186	4/40kV	II/Salcor	18x36	Orange	3.5
1000	4/40kV	II/Salcor	27x36	Orange	6
300	2/20kV	I/Natural	36x36	Black	8
1900	4/40kV	II/Salcor	46x46	Orange	12

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Lo-Volt & Primary Blankets

With & Without Hook and Pile

Lo-Voltage Insulating Blankets are made of Type I natural rubber. Primary Insulating Blankets are Type II Salcor. 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 Zip-On blankets. Zip-On Style features one-inch wide strips of hook and pile 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.



Catalog No.	Style	ASTM Class Proof Test Volt	Type Material	Size In.	Color	Weight ea. lbs.
1212Y-LV	Zip	0/5000V	I/Natural	12x12	Y	1
1212Y-LV-NV	Plain	0/5000V	I/Natural	12x12	Y	1
1818Y-LV	Zip	0/5000V	I/Natural	18x18	Y	1.1
1818Y-LV-NV	Plain	0/5000V	I/Natural	18x18	Y	1.1
1836Y-LV	Zip	0/5000V	I/Natural	18x36	Y	1.5
1836Y-LV-NV	Plain	0/5000V	I/Natural	18x36	Y	1.5
3636Y-LV	Zip	0/5000V	I/Natural	36x36	Y	2.2
3636Y-LV-NV	Plain	0/5000V	I/Natural	36x36	Y	2.2
183-OS	Zip	4/40kV	II/Salcor	18x36	Org	3.5
1100-EV	Zip	4/40kV	II/Salcor	27x36	Org	8.1
900-EV	Zip	4/40kV	II/Salcor	36x36	Org	8.5
1300-EV	Zip/Slotted	4/40kV	II/Salcor	36x36	Org	8.5

Blanket Accessories

Fasteners

Blanket buttons are designed to secure eyelet-style insulating blankets. The **B-1** button, made of yellow plastic, snaps through the eyelet with thumb pressure on the large head. The bright orange polystyrene **B-23** two-way buttons are inserted into the eyelets for use with a shotgun clamp stick or standard-duty switch stick.



Magnetic Blanket Buttons (MB-6) are designed for use in eyelets of insulating blankets when covering energized portions in hard-to-cover areas like pad mounts, cubicles, switch-boards 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.



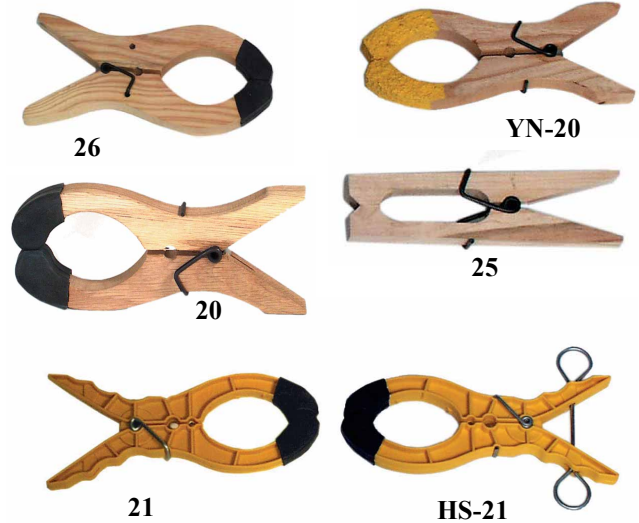
Ty-Straps (Ty-14) are 14" and 30" long and made of 1.5" wide strips of rubber with hook and pile fasteners affixed to each end. The lineman simply wraps the Ty-Strap around the positioned blanket and presses the hook and pile ends together.

Cat. #	Description	Weight ea. oz.
B-1	Snap-Button, Yellow	1
B-2	Snap-Button, Yellow Flat	1
B-22	Two Piece Button, Orange	1
B-23	Two-Way Button, Orange	1
MB-6	Magnetic Blanket Button	7
Ty-14	Ty-Straps, 14" Long	2
Ty-30	Ty-Straps, 30" Long	4

Clamp Pins

In addition to other uses in the utility industry, Blanket Clamp Pins can be effectively used to hold insulating blankets 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.

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



Cat #	Description	Jaw Opening	Weight ea. Lbs.
20	Wood w/ Pin Boots	4.75"	.33
YN-20	Wood w/ Sure Grip	4.75"	.33
21	Nylon w/ Pin Boots	5"	.25
25	Wood w/o Pin Boots	1.6"	.25
26	Wood w/ Pin Boots	7"	.5
HS-21	Nylon w/ Pin Boots*	5"	.25
	*Applied with Shot Gun		

Storage

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

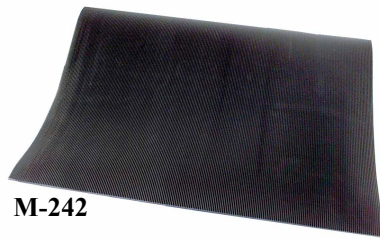
Blanket Roll Ups provide a safe and convenient means for protecting blankets from damage while in transport or storage. Ruggedly constructed of 12 oz. water resistant duck with 12" side flaps to confine the blankets into position and prevent damage to the edges. Two heavy web straps with buckles close the roll up, and a double web cross strap serves as a carrying handle.



Cat. #	Description	Blanket Size	Dimensions	Capacity	Weight ea. Lbs.
P-2	Canister	36"	5" x 37"	1-2	2
P-3	Canister	36"	6" x 37"	1-3	3
P-4	Canister	36"	7" x 37"	1-4	3.5
P-6	Canister	36"	9" x 37"	1-6	5
P-3-47	Canister	46"	6" x 47"	1-2	4
22	Roll-up	22"	41" x 33"	1-4	1.5
36	Roll-up	36"	54" x 46"	1-4	2.5
46	Roll-up	46"	54" x 46"	1-4	4

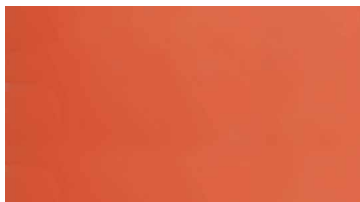
Switchboard Matting

Switchboard Matting is placed permanently 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 rubber, 1/4" thick tested to 20kV to comply with ASTM D178, Class 2 specifications. The corrugated surface acts as a safety tread while reducing the possibility of metal particles becoming embedded. Switchboard matting is available in 25 yard rolls which can be custom cut to specified lengths per customer request. Maximum Use Voltage: 17,000



M-242

Cat. No.	Dimensions	Weight per yard
M-24-2	1/4" x 24"	9 lbs
M-30-2	1/4" x 30	12 lbs
M-36-2	1/4" x 36"	15 lbs
M-48-2	1/4" x 48"	18 lbs



URD/Switchboard Blanket, 84" x 36", is ideal whenever a large insulating barrier is required to protect electrical workers from brush contact with live

electrical apparatus. The URD has 10 eyelets and is made from red Type II SALCOR, proof tested to 20kV. The R-96 canvas/roll-up carrier is recommended for a ground barrier when URD 367 is used outdoors.

Cat. No.	Dimensions	Weight per yard
367	84" x 36"	19 lbs
R-96 (carrier)	Roll-Up Ground Barrier	3.5 lbs

Line Hose & Connectors

Conventional Style Line Hose is available in either orange or white Type II SALCOR. SALCOR remains flexible even in cold weather and it is not damaged by ozone or ultraviolet rays. Each system has RIB-GRIP locking system. The straightor connector end style is available in three sizes 1" and 1.25" I.D. rated at 20kV, Class 2 and 1.5" I.D. rated at 30kV, 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.



OR125-45C



SU150-45

ORC125

Line Hose wo/couplers

Catalog No. (Orange)	Catalog No. (White)	Class	Dimensions	Weight / lbs.
OR100-3	WR100-3	2	1" x 3'	3
OR100-45	WR100-45	2	1" x 4.5'	4
OR100-6	WR100-6	2	1" x 6'	5.5
OR125-3	WR125-3	2	1.25" x 3'	4
OR125-45	WR125-45	2	1.25" x 4.5'	6
OR125-6	WR125-6	2	1.25" x 4.5'	7.5
OR150-3	WR150-3	3	1.5" x 3'	5
OR150-45	WR150-45	3	1.5" x 4.5'	7
OR150-6	WR150-6	3	1.5" x 6'	9.5
OR200-3		3	2" x 3'	5.5
OR200-45		3	2" x 4.5'	8
OR200-6		3	2" x 6'	11
OR250-3		3	2.5" x 3'	7
OR250-45		3	2.5" x 4.5'	10.5
OR250-6		3	2.5" x 6'	14

Line Hose w/couplers

Cat # (Orange)	Cat # (White)	Class	Dimensions	Weight ea. Lbs
OR100-3C	WR100-3C	2	1" x 3'	3.5
OR100-45C	WR100-45C	2	1" x 4.5'	5
OR100-6C	WR100-6C	2	1" x 6'	6.5
OR125-45C	WR125-3C	2	1.25" x 3'	4.5
OR125-6C	WR125-6C	2	1.25" x 6'	9
OR150-3C	WR150-3C	3	1.5" x 3'	6
OR150-45C	WR150-45C	3	1.5" x 4.5'	8

Line Hose Connectors

Catalog No. (Orange)	Catalog No. (White)	Class	Dimensions	Weight / lbs.
ORC100	WRC100	2	1" X 12"	2.5
ORC125	WR125	2	1.25" x 12"	3.5
ORC150	WR150	3	1.5" x 12"	3

****All Line Hose Complies with Current ASTM D1050 Specifications****

Extended Lip SU System Line Hose

The **Extended Lip SU System** is the only complete flexible cover-up available for use on voltages through 34.5kV. 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.

The 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 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.

Identification marks on the lips show correct placement of the SU applicator. 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. Add a suffix of "E" to the catalog number or order the #2323 Shot Gun Assembly installed on the hose or order the #2323 separately.



2323

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 **UC-2** is used to connect Extended Lip Hose to PTHL and LRG Insulator Covers, OR-134 Dead End Protectors, and 2" and 2.5" SU System and Conventional Line Hose.



Extended Lip SU Line Hose

Catalog #	Dimensions	Class	Weight/lbs.
SU150-3	1.5" x 3'	4 Type II	6
SU150-45	1.5" x 4.5'	4 Type II	8.5
SU150-6	1.5" x 6'	4 Type II	12
SU200-3	2" x 3'	4 Type II	6
SU200-45	2" x 4.5'	4 Type II	10
SU200-6	2" x 6'	4 Type II	14
SU250-3	2.5" x 3'	4 Type II	7
SU250-45	2.5" x 4.5'	4 Type II	11
SU250-6	2.5" x 6'	4 Type II	15

SU Connector End Line Hose

Cat #	Dimensions	Class	Weight ea. Lbs.
SU150-3C	1.5" x 3'	4 Type II	7
SU150-45C	1.5" x 4.5'	4 Type II	9
SU150-6C	1.5" x 6'	4 Type II	12

SU System Connectors

Cat #	Dimensions	Class	Use w/Line Hose	Weight ea. Lbs.
UC	10.5" x 6"	4	1.5" dia.	2
UC-2	10.5" x 7.75"	4	2" & 2.5" dia.	3

The Extended Lip SU System may be installed by using rubber gloves or hot sticks on distribution voltages 34.5kV. **SU System Applicators** come in three styles

The Hardwood Blade Applicators are available with either a universal fitting or an eye for shot guns. The 24" long blade is recommended for installing 3' and 4.5' Line Hose. The 36" blade works best on 6' line hose, while the 6" blade handles application and removal of shorter lengths of Line Hose. The prong extending from one side of the universal head is used for placement and removal of SU System Insulator Covers, Cutout Covers, Stirrup Covers and Connectors when using the molded eyelets of the equipment.

The Shot Gun Eye Assemblies 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 standard Shot Gun.



UA-E2

Cat #	Description	Use On	Weight ea. Lbs.
UA-1/2	Hardwood Blade Applicator 6"	Universal	2
UA-2	Hardwood Blade Applicator 24"	Universal	3
UA-3	Hardwood Blade Applicator 36"	Universal	4
UA-E-1/2	Hardwood Blade Applicator 6"	Shot Gun	2
UA-E-2	Hardwood Blade Applicator 24"	Shot Gun	3
UA-3	Hardwood Blade Applicator 36"	Shot Gun	4
2323	Eye Assembly for SU Hose & OR-134	Shot Gun	1
2359	Eye Assembly for SU System Covers	Shot Gun	.5
2340	Eye Assembly for SU D.E. Protectors	Shot Gun	.5

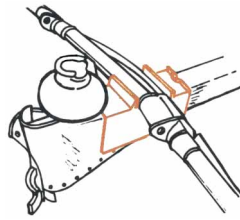
Protectors & Covers

Insulator Covers in white or 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.

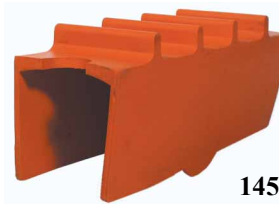
Conventional Dead End Protectors cover 4.25" and 6" bells including conductor and hardware and are made from orange Type II SALCOR with RIB-GRIP construction. **Series 101** has outer ribs that allow it to be used with 2" and 2.5" I.D. Conventional Line Hose when using the UC-2 Connector. The Smaller **Series 114** may also be used to cover transformer bushings up to 4.75" in diameter. 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. Orange Type II SALCOR **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, Made from Type II orange SALCOR corona resistant elastomer, can be used for overhead cutouts as well as for underground pad-mount applications. Cutout Covers comply with the current ASTM D1049 specifications.



CC24



145



OJRG



OFRG



OKRG



OR101



OR114



OR124

N-36



N-24

Chart on next page....

Cat. No.		Class	Description		Dimensions	Weight Ea. Lbs.
Orange	White		Insulator Class	Line Hose Size		
OFRG	WFRG	2	55-1/2/3	1"	14.5" x 5"	5
OJRG	WJRG	2	55-4	1"	16" x 6.5"	6
OKRG	WKRG	3	55-5	1.25"	16" x 8"	7
Dead End Protectors			Bell Size	Line Hose Size		
OR101		2	2-6"	1"	6.5" x 23" x 18"	10
OR114		3	1-4.25"	1.5"	4.75" x 14" x 10"	4
OR124		3	2-4.25"	1.5"	4.75" x 29" x 18"	8
Cross Arm Covers			Use on Cross Arms up to			
145		2	4" x 4.5"		14.5" x 4.63" x 4.15"	3
1186		4	5.5" x 6"		17" x 6" x 5.5"	5
Cutout Covers						
CC24		2			24" x 15" x 3.5"	4
CC30		4			30" x 20" x 7"	10
Replacement Straps						
N-24			For 114 & 124 Series		.75" x 30"	2 oz
N-36			For 101 Series		.75" x 36"	2 oz

Dead End Protectors

Dead End Protectors quickly cover dead end bells providing complete, electrical protection for class 3 and 4 applications.

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

All styles have RIB-GRIP construction to interlock with 1.5" I.D. line hose. The class II U-106 and U-110 must be used with Connector End style line hose or separate Line Hose Connectors. The Class 4 OR-134 except Straight Line Hose. The outer ribs interlock with 2" and 2.5" I.D. line hose when the UC-2 SU System Connector



OR-134



OR-134-E



U-110

Cat #	ASTM Class/Type	Fits Bell Size	Dimensions		Color	Weight ea. Lbs
Dead End Protectors			I.D Body	Overall Length		
OR-134	4 / II	3-4.25"	5"	37"	Orange	13
OR-134-E	4 / II	3-4.25"	5"	37"	Orange	14
U-106	3 / II	2-6"	7"	28.5"	Black	6
U-110	3 / II	2-10"	10.5"	28.5"	Black	10
Add Suffix "E" to order with #2323 Shot Gun Eye Assembly						

All Protectors comply with current ASTM D1049 Specifications

Insulator Covers

The UH Pin-Type Cover covers insulators up to ANSI Class 5. The sides are cut to be used on small insulators without resting on the cross arm. 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" in diameter and is used with 2.5" 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" Class 4 Extended Lip SU System or Conventional Line Hose. The **PTHS** for insulators up to 12" and the **PTHL** for insulators up to 16" in height. The **PTHL** cover also has external ribs on the ears which secures 2.5" 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" diameter and 13.8kV post-type insulators. A trim bead permits use on both 35kV and 15kV crossarm construction.

The **USC** is a lightweight cover made from orange Type II SALCOR 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 1049 specifications.

Cover Ribs



Cat #	Class- /Type	Line Hose Size	Fits Insul.	I.D. Body	Height	Weight ea. LBS.
PIN TYPE Insulator Covers						
LRG	4 / II	2.5"	10.5"	12"	16"	8
UH	3 / II	1.5"	7"	7.5"	12"	6
MRG	4 / II	1.5 - 2.5"	8.5"	9"	12.25"	7
POST TYPE Insulator Covers						
PTHL	4 / II	1.5 - 2.5"	6.5"	7"	16"	8
PTHS	4 / II	1.5"	7"	7.5"	12"	4
USC	4 / II	1.5"		14"	15.5"	5

Special Covers

Arrester Covers

The **Slotted Cable End Cap 636S** can be installed directly over an energized silver-sand fuse, bushing or elbow and cable. A 3" hole at the top allows room for the insulator, elbow or terminator cable. Special lengths or slots can be made by contacting us.

Lightning Arrestor Covers are made from Type II orange SALCOR. The slot allows the cap to fit directly over the energized lightning arrester and the line connection.



Cat #	Class	Type	Dimensions	Weight
Cable End Caps				
C-8	2	II	2.5" x 9"	3
536	4	II	4.75" x 37"	7
636	4	II	5.88" x 37"	9
636S	4	II	5.88" x 37"	9
Lightning Arrester Covers				
536A	4	II	4.5" x 15"	3
636A	4	II	5.5" x 22"	5

Cable End Cap

Cable End Caps can be applied with rubber gloves or a hot stick. 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 and have a minimum wall thickness of .25"

Cat #	Class	Type	Dimensions	Cable Size	Weight ea. Lbs
173	2	II	.81" x 6"	#4 - 4/0	.25
117	2	II	1.38" x 10"	4/0 - 500 MCM	.50
177	2	II	2.25" x 12"	350 - 750 MCM	.75
178	2	II	3.19" x 16"	800 - 1000 MCM	1.5



Pole Guards

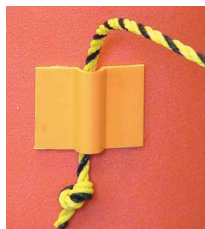
Pole Guards are installed before setting new poles to guard against accidental line contact. They also guard against pole contacts by personnel working in insulated aerial buckets or on platforms. Pole Guards are made from orange thermoplastic, Type I ABS, cold weather, high impact plastic, Grade III. 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. The Air Gap design also allows for air flow between it and the pole minimizing moisture condensation and contamination buildup.

Pole Guard use should be limited to 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 should be cleaned with a warm detergent solution.



2486



Bonded Handle

Cat #	Length	Dia. In	Handle	Class	Weight ea. Lbs
2851	1'	6"	Drilled	4	3.3
2852	2'				6.3
2853	3'				9
2854	4'				11
2856	6'				17
1385	1'	9"	Drilled	4	3.6
1386	2'				7
1356	3'				10
1357	4'				12
2496	6'				19
4460	4'	9"	Bonded	5	12
2486	6'				19
2461	1'	12"	Drilled	4	5
2462	2'				8
2464	4'				15
2466	6'				22
2474	4'	12"	Bonded	5	15
2478	6'				22

Versa and Link Guards

Versa and Link Guards make use of air as well as the dielectric strength of plastic to provide total insulating value. Both guards are 7" in diameter and have a hook shaped inner lip to keep the guard in place.

Versa Guards, with a voltage rating of 34.5kV, are designed so that two guards can be telescoped together to cover most 13kV single and double arm, pin and post constructions. A lighter 47" version of the standard 4.5' Versa Guard is available in a Type III PPO material. These guards can nest together in a compartment 4' long.

Link Guards, with a voltage rating of 69kV, have inner and outer shells that run full length to include male and female couple ends. Two guards connected provide for overlapping thickness 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: 69kV and 46kV. Accepts 34.5kV pin insulators along with post and insulator strings.



2475



1686



2884

If you do not see something you want please call !

Cat #	Description	Type	Grade	Weight ea. Lbs.
Versa Guards 34.5 kV 4.5'				
1686	ABS Eye	I	2	8.8
1687	ABS 4' Stick	I	1	10.8
1688	ABS 6' Stick	I	1	11.8
2373	PPO Eye	III	2	8.8
2377	PPO 4' Stick	III	1	10.8
2378	PPO 6' Stick	III	1	11.8
2389	Light 47" PPO 4' Stick	III	1	6.1
2689	Light 47" PPO Eye	III	2	8.1
Link Guards 69 kV 4.5'				
1680	ABS Eye	I	2	10.5
1681	ABS 4' Stick	I	1	12.5
1682	ABS 6' Stick	I	1	13.5
2475	PPO Eye	III	2	10.5
2476	PPO 4' Stick	III	1	12.5
2477	PPO 6' Stick	III	1	13.5
Tee Connectors				
2224	69 kV	I	2	7.8
2884	46 kV	I	2	6.0

All guards are tested to ASTM F712 and are manufactured to ASTM F968 Specifications

Lightweight Conductor Cover

Lightweight Conductor Covers are ideal to cover long spans when weight is a consideration. This cover is made from orange Type I high density cross link polyethylene and has a voltage rating of 27kV. They can be applied when wearing rubber gloves or with a fiberglass stick. Available with an eye for application with shotgun sticks.



21315



21172



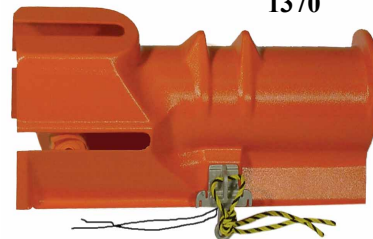
21173

Cat #	Description	Grade	Weight ea. Lbs
Conductor Covers			
21172	5' Cover w/ Eye	2	4
21173	5' Cover w/o Eye	3	3
21315	5' Cover w/ 4' Fiberglass Stick	1	5
21234	Adapter Eye	-	1.5

All guards are tested to ASTM F712 and are manufactured to ASTM F968 specifications

Crossarm Guards

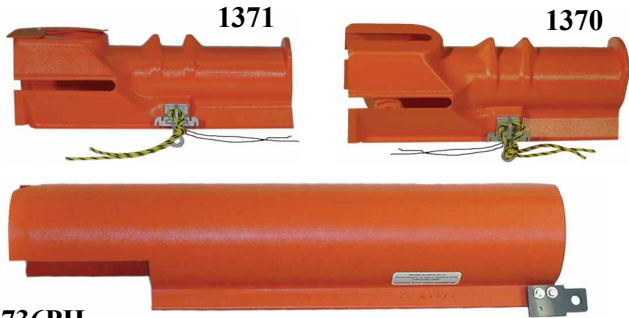
Crossarm Guards are available in two different styles: the 1370 pin type and the 1371 post type. They are used to prevent tie wires from contacting crossarms during hot line operations. Two different tie downs are provided: a neoprene and a polypropylene rope. Both are secured in the slots provided in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



1370

The Slide-On Crossarm Guard 736PH is applied by sliding the cover on the arm from the end using the Grade 2 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.



Cat #	Description	Dimensions	Weight ea. Lbs
1370	GX-66 Pin Type	9" x 9" x 25.5"	5.7
1371	GX-70 Post Type	Max Crossarm: 5 x 6	6
736PH	Slide on Crossarm	7" I.D. x 36"	4.5

Lineman's Gloves

Selecting the right size, length and style. Lineman's gloves are available in a full range of sizes from 8 through 12, including half sizes. Proper fit is important to minimize chafing and fatigue. To determine glove size, measure the circumference of the hand between the thumb and index finger and add one inch. Allow for additional room if fabric glove liners are to be worn, especially with thermal liners.

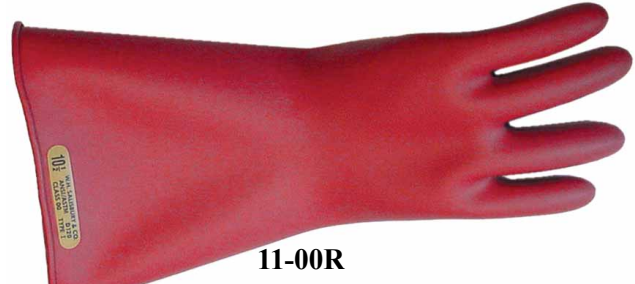
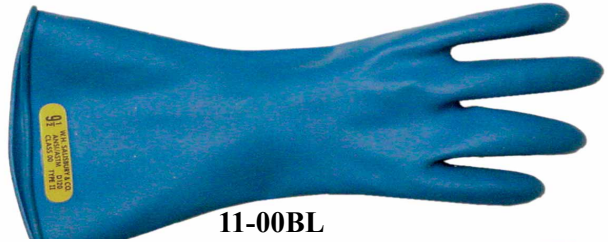
Class 0 and 00 gloves are available in 11 and 14 inch lengths. **Class 00 Electrical Insulating Rubber Gloves** are made from either red Type I natural rubber or blue Type II SALCOR. Both are extremely flexible to make working with small parts easy. The gloves meet or exceed ASTM D120 and EIC 903 Standards. Store gloves in a container exclusively for them and clean with Salco cleaner. Dust with 10-4 glove dust when dry.

Class 1 through 4 gloves are available in the industry standard colors of yellow, red and black, or in contrasting two color combinations. The contrast between the thin outer color against the inner color makes inspecting for cuts and tears easier, when the glove is inflated or stretched. Class 0 gloves are available in yellow, red and black.

Class 1 through 4 gloves are available in 14, 16 and 18 inch lengths. A **straight cuff** is standard on 14" & 16" gloves.

For 18" gloves either a straight or **contour cuff** is available. A contour cuff is angled to prevent bunching or binding at the elbow when the arm is bent. Designate SC for straight cuff or CC for contour cuff.

A **bell cuff**, which accommodates heavier winter clothing, is available for Class I through 4 gloves. Bell cuff gloves are not available in sizes 8 or 8.5H.



Bell Cuff

Contour Cuff



Straight Cuff

10-4 Glove Dust

Cat # Breakdown for Class 00 Gloves

Glove Length	Class	Color	Size
11	00	BL or R	8, 8.5, 9, 9.5, 10, 10.5, 11, 11.5, 12
14	00	BL or R	8, 8.5, 9, 9.5, 10, 10.5, 11, 11.5, 12

R=Red Type I Natural Rubber

BL=Blue Type II Salcor

Example: 11-00BL-8

Cat # Breakdown for Class 0 Gloves

Proof Test kV	Glove Length	Class	Color	Size
5	11	0	Y, B, R	8, 8.5, 9, 9.5, 10, 10.5, 11, 11.5, 12
5	14	0	Y, B, R	8, 8.5, 9, 9.5, 10, 10.5, 11, 11.5, 12

R=Red B=Black Y=Yellow

Example 5-11Y-8

Cat # Breakdown for Class 1, 2, 3, 4 Gloves

Proof Test kV	Glove Length	Color	Size
10	14, 16 or 18	Y, R., B, YB or RB	8, 8.5, 9, 9.5, 10, 10.5, 11, 11.5, 12
20	14, 16 or 18	Y, R., B, YB or RB	
30	14, 16 or 18	Y, R., B, YB or RB	
40	14, 16 or 18	Y, R., B, YB or RB	

B=Black Y=Yellow R=Red YB=Y inside B Out

RB=R inside B out

Example 10-16B-10.5

Class 4 Gloves come in full and half sizes 10-12 only

Glove Liners

Liner gloves reduce the discomfort of wearing Rubber Insulating Gloves in all seasons. For year round use, liners provide warmth in cold weather, while they absorb perspiration in the warm months.



Check out our website
www.brenco-inc.com

Leather Protectors

Leather Protectors Gloves should always be worn over Rubber Insulating gloves to provide the needed mechanical protection against cuts, abrasions and punctures.

It is the responsibility of the purchaser to specify the overall length of the protectors gloves.



High Voltage Protector - ILP5S



Low Voltage Protector - ILP10

Bucktan Cowhide High Voltage Gloves	
Catalog Number	Description
ILP3S	12" O.A.L.
ILP5S	14" O.A.L.
ILP6S	15" O.A.L.
ILP7C	16" O.A.L.

Glove Clearance Table

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

WARNING: Do not use leather protectors alone for protection against electric shock. Serious injury or death will result. Always use proper rubber insulating gloves.

ASTM Labeling Chart for Lineman's Rubber and Salcor Protective Equipment			
Class Color	Proof Test Voltage AC/DC	Max Use Voltage AC/DC	Position for Electrical Worker
00 Beige	2,500/10,000	500/750	Ground Structure or Basket
0 Red	5,000/20,000	1,000/1,500	Ground Structure or Basket
1 White	10,000/40,000	7,500/11,250	Structure or Basket
2 Yellow	20,000/50,000	17,000/25,500	Electronically Isolated Basket or Platform
3 Green	30,000/60,000	26,500/39,750	Electronically Isolated Basket or Platform
4 Orange	40,000/70,000	36,000/54,000	Electronically Isolated Basket or Platform

Linemen's Sleeves

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. 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.

Dipped Sleeves are manufactured in the same way as 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.



Extra Curved Arm

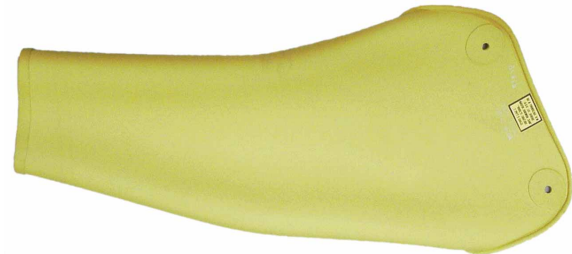


Curved Arm



Straight Arm

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.



Molded Sleeve

Cat # Breakdown for Dipped Sleeves		
Voltage Class	Size	Color
D1	R, L or XL	Y=Yellow R=Red B=Black YB=Y inside B out RB=R inside B out
D2	R, L or XL	
D3	R, L or XL	
D4	R, L or XL	

R=Regular L=Large XL=Extra Large

Example: D2-L-YB

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

Cat # Breakdown for Molded Type I Sleeves		
Voltage Class	Size	Color
1	R or L	B
2	R, L or XL	B, Y
3	R or L	Y
4	R or L	M

R=Regular L=Large XL=Extra Large
 B=Black Y=Yellow M=Maroon
 Example: 2-L-B

Cat # Breakdown for Molded Type II Sleeves		
Voltage Class	Size	Color
1	R or L	BS or OS
2	R, L or XL	BS or OS

R=Regular L=Large XL=Extra Large
 BS=Black SALCOR OS=Orange SALCOR
 Example: 2-L-OS

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

Sizing Lineman's Sleeves			
Overall Length	Under Arm Length	Arm Opening	Wrist Opening
Regular			
26.5"	15.5"	12.25"	5.25"
Large			
27.75"	16"	12.87"	6.87"
Extra Large			
29.5"	17.5"	12.87"	7"

Glove and Sleeve Accessories

****Other Sizes and Types Available****



Glove Bag
 2223-9-BREN
 8" L 4" W 18" H



Glove & Sleeve Bag
 2426-BREN
 8" L 6" W 18" H

Buttons



B-22

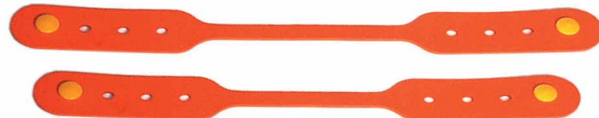


B-2

B-22 Two Piece Sleeve Button
 B-2 One Piece Sleeve Button
 4 Required per Pair of Sleeves



H-1 Sleeve Harness with Buttons



S-1 13.5" Strap with Buttons
 S-15 15" Strap with Buttons

www.Bresco-Inc.com



G-1 Glove Inflator



G-2 Glove Inflator w/Hand Pump



G-99 Glove Inflator Kit



S-55 Salcor Cleaner



S-99 Silicon Spray for Natural Rubber and SALCOR



1451 Rubout Hand Cleaner

Dielectric Boots



51581 Deep Heel Over-Shoes 20,000 Volt

51581 Comes in Whole & Half Sizes



Anti-Skid Bar Tread

****Other Types Available****



31924 Deep Heel Over Shoes 20,000 Volt 4 Buckle



Super Dielectric Deep Heel Overshoes Provide extra safety when climbing ladders and poles where the deep heel cavity can lock onto the rungs. These boots and overshoes are made from an ozone resistant yellow rubber that's 100% waterproof. The construction is hand-layered in full-cut patterns to fit over work boots. The fabric lining makes them easy get on an off. The sole is an anti-skid bar tread. All of these overshoes and boots meet ANSI Z41 requirements. Super Dielectric footwear has been tested to 20,000 volts.

Super Dielectric Deep Heel Overshoes come in four styles all with pole-climbing reinforcement patch. The Storm Rubber Overshoe is available without buckles or with two buckles. The Full-Cut Overshoe with adjustable side strap is available in 14" and 17" Heights.