

Your #1 resource
for personal
electrical-safety
protection



Arc Flash Personal
Protective Equipment



Arc Flash Personal
Protective Kits



Insulating Rubber
Gloves & Leather
Protectors



Insulating Protective
Equipment &
Accessories

SALISBURY
w h s a l i s b u r y . c o m
Toll Free:877.406.4501 Toll Free Fax:866.824.4922



ARC FLASH PROTECTION

ARC FLASH PROTECTIVE CLOTHING (FR)

Salisbury PRO-SHIELD™

- 10 cal/cm² protection
- .06" thick
- 8" x 14" viewing area
- Light green tint
- Anti-fog
- Use with Salisbury PRO-WEAR™ Flash Jacket JSHV1132BL



AS1000HAT



AS1000



AS1000R

Cat. #	Description
AS1000	10 cal/cm ² shield w/ chin cup & slotted dielectric bracket
AS1000R	10 cal/cm ² shield w/ chin cup and ratcheted head gear w/ 4" arc guard
AS1000HAT	10 cal/cm ² arc shield with chin cup, dielectric slotted bracket, & front brim hard hat
ASBAG	Fleece interior cotton canvas storage bag for Salisbury PRO-SHIELD™ w/ drawstring closure
SA29*	ANSI Type I, front brim w/ quick-fit 4-point suspension
SA29R*	ANSI Type I, front brim w/ ratchet 4-point suspension



4-point quick fit replacement nylon suspension



SA29R03



ASBAG

Replacement Arc Flash Protective Lenses & Brackets

- 10 cal/cm² to 100 cal/cm² protection
- .060" thickness
- 8" x 14" viewing area on Salisbury PRO-SHIELD™
- 10" x 20" viewing area on replacement PRO-HOOD™ shield
- Amber tint
- Use with FR clothing
- Works w/ Salisbury PRO-HOOD™

*IMPORTANT - Please add the color code to the end of hard hat # (EX:SA2901 - White Hard Hat)	
Color Codes	Stock Colors
01	White
02	Yellow
03	Orange

Cat. #	Description
AS1000FS	10 cal/cm ² replacement face shield for AS1000HAT
ASCP	10 cal/cm ² replacement chin cup only
AS1000FSR	10 cal/cm ² replacement face shield for AS1000R
4000	Replacement face shield for 11 cal/cm ² to 40 cal/cm ² Salisbury PRO-HOOD™
4000V	Replacement amber lens with hook & pile attachment for 11 cal/cm ² to 40 cal/cm ² Salisbury PRO-HOOD™
4000VB	Replacement amber lens with hook & pile attachment and universal dielectric front brim hard hat bracket for 11 cal/cm ² to 40 cal/cm ² Salisbury PRO-HOOD™
10000	Replacement face shield for 55 cal/cm ² and higher Salisbury PRO-HOOD™
BRACKET	Universal dielectric hard hat bracket to interface w/ front brim hard hats
FBBRACKET	Universal dielectric hard hat bracket to interface w/ full brim hard hats
ASSLB	Orange slotted dielectric bracket, fits Salisbury/North front brim hard hats & interfaces w/ AS1000FS
ASRHG4	Ratcheted head gear w/ 4" arc guard, interfaces w/ AS1000FSR



ARC FLASH PROTECTIVE CLOTHING (FR)

Salisbury PRO-WEAR™ Flash Jackets & Coats

- 11 cal/cm² to 100 cal/cm² protection
- Indura Ultra Soft® material
-Excellent breathability & cotton comfort
- All Salisbury PRO-WEAR™ sewn with Nomex® thread
- 32" long and sizes S, M, L, XL, 2XL, and 3XL available from stock
- Other sizes available by special order
- Jacket design incorporates attached hood & interfaces with Salisbury PRO-SHIELD™
- Coats designed to interface with PRO-HOOD™
- Meets current ASTM F1506 and NFPA 70E standards



JSHV1132BL

Cat. #	Description
JSHV1132BL	11 cal/cm ² , 9oz./yd ² material, hooded jacket w/ hook & pile closure, interfaces w/ Salisbury PRO-SHIELD™, Nomex® wristlets, navy blue
ACC1132BL	11 cal/cm ² , 9oz./yd ² material, expansion back for added comfort, FR hook & pile front closure, Nomex® wristlets, navy blue
ACC2032BL	20 cal/cm ² , 13oz./yd ² material, expansion back for added comfort, FR hook & pile front closure, Nomex® wristlets, navy blue
ACC3132RB	31 cal/cm ² , 2 layer (9oz./yd ² & 7oz./yd ²) material, expansion back for added comfort, dual stage front closure with plastic zipper and FR hook & pile storm flap, Nomex® wristlets, royal blue
ACC4032GY	40 cal/cm ² , 2 layer (9oz./yd ² & 13oz./yd ²) material, expansion back for added comfort, dual stage front closure with plastic zipper and FR hook & pile storm flap, Nomex® wristlets, gray
ACC5532GY	55 cal/cm ² , 2 layer (13oz./yd ² & 13oz./yd ²) material, expansion back for added comfort, dual stage front closure with plastic zipper and FR hook & pile storm flap, Nomex® wristlets, gray
ACC7532GY	75 cal/cm ² , 3 layer (7oz./yd ² & 2 - 13oz./yd ²) material, expansion back for added comfort, dual stage front closure with plastic zipper and FR hook & pile storm flap, Nomex® wristlets, gray
ACC10032GY	100 cal/cm ² , 4 layer (2 - 7oz./yd ² & 2 - 13oz./yd ²) material, expansion back for added comfort, dual stage front closure with plastic zipper and FR hook & pile storm flap, Nomex® wristlets, gray



ACC2032BL



ACC7532GY



ACC3132RB

NOTE: Add suffix "S" for small, "M" for medium, "L" for large, "XL" for extra large, "2XL" for extra extra large, and "3XL" for extra extra extra large.

WARNING: Arc Flash Clothing protects from thermal effects of arc flash only.



EXCLUSIVE FEATURE



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

Salisbury PRO-HOOD™ Arc Flash Protective Hood

- 11 cal/cm² to 100 cal/cm² protection
- Indura Ultra Soft® material
-Excellent breathability & cotton comfort
- All Salisbury PRO-HOOD™ sewn with Nomex® thread
- 10" x 20" viewing area
- Wide arc rated anti-fog amber lens
- Meets current ASTM F2178 and NFPA 70E standards and flammability requirements of ASTM F1506
- Universal hard hat bracket included
- One size fits all

Cat. #	Description
FH11BL	11 cal/cm ² protection, single layer of 9oz./yd ² material, navy blue
FH20BL	20 cal/cm ² protection, single layer of 13oz./yd ² material, navy blue
FH31RB	31 cal/cm ² protection, 2 layer (9oz./yd ² & 7oz./yd ²) material, royal blue
FH40GY	40 cal/cm ² protection, 2 layer (9oz./yd ² & 13oz./yd ²) material, gray
FH55GY	55 cal/cm ² protection, 2 layer (13oz./yd ² & 13oz./yd ²) material, gray
FH75GY	75 cal/cm ² protection, 3 layer (7oz./yd ² & 2 - 13oz./yd ²) material, gray
FH100GY	100 cal/cm ² protection, 4 layer (2 - 7oz./yd ² & 2 - 13oz./yd ²) material, gray



FH31RB



FH40GY



FH20BL



TS56005B

Safety Glasses

- Anti-fog
- Anti-scratch
- Anti-static
- 99.9% UV protection
- Meets current ANSI Z87.1, CE EN166 and CSA Z94 standards

Cat. #	Description
TS56005B	Clear lens, black front, gray temple frame
TS56005GRY	Clear lens, gray front, black temple frame
TS56005BL	Clear lens, blue front, gray temple frame



**Salisbury PRO-WEAR™
Flash Protection Bib Overalls & Coverall**

- 11 cal/cm² to 100 cal/cm² protection
- Indura Ultra Soft® material
-Excellent breathability & cotton comfort
- All Salisbury PRO-WEAR™ sewn with Nomex® thread
- Bib front for added protection
- Integrated heavy duty suspenders
- Adjustable hook & pile waist straps
- Adjustable gussets on pant cuffs
- Meets current ASTM F1506 and NFPA 70E standards
- Sizes S, M, L, XL, 2XL, and 3XL available from stock
- Other sizes available by special order

Cat. #	Description
ACB1130BL	11 cal/cm ² , 9oz./yd ² material, relax cut for greater mobility and heavy duty suspenders, navy blue
ACB2030BL	20 cal/cm ² , 13oz./yd ² material, relax cut for greater mobility and heavy duty suspenders, navy blue
ACB3130RB	31 cal/cm ² , 2 layer (9oz./yd ² & 7oz./yd ²) material, relax cut for greater mobility and heavy duty suspenders, royal blue
ACB4030GY	40 cal/cm ² , 2 layer (9oz./yd ² & 13oz./yd ²) material, relax cut for greater mobility and heavy duty suspenders, gray
ACB5530GY	55 cal/cm ² , 2 layer (13oz./yd ² & 13oz./yd ²) material, relax cut for greater mobility and heavy duty suspenders, gray
ACB7530GY	75 cal/cm ² , 3 layer (7oz./yd ² & 2 - 13oz./yd ²) material, relax cut for greater mobility and heavy duty suspenders, gray
ACB10030GY	100 cal/cm ² , 4 layer (2 - 7oz./yd ² & 2 - 13oz./yd ²) material, relax cut for greater mobility and heavy duty suspenders, gray
ACCA11BL	11 cal/cm ² , COVERALLS 9oz./yd ² material, full cut with set in sleeves, front flame retardant closure, expansion back, and 2-ply Nomex® wristlets, navy blue
ACCA20BL	20 cal/cm ² , COVERALLS 13oz./yd ² material, full cut with set in sleeves, front flame retardant closure, expansion back, and 2-ply Nomex® wristlets, navy blue



ACB2030BL

ACB3130RB



ACCA11BL

ACB4030GY



NOTE: Add suffix "S" for small, "M" for medium, "L" for large, "XL" for extra large, "2XL" for extra extra large, and "3XL" for extra extra extra large.

Storage Bag

Cat. #	Description
SKBAG	Large storage bag for storing Salisbury PRO-WEAR™ Arc Flash Clothing, gloves and other accessories



SKBAG

Quick Reference Product Numbering Chart for Kits

cal/cm ² Rating	Add Glove Color	Class of Gloves	Size of Gloves (choose one below)	Size of Garments (choose one below)
SK 11	R*, L*, B, Y	00 or 0		
SKJ 11	R*, L*, B, Y	00 or 0		
(SKJ includes jacket and AS1000HAT only.)				
SK 20	R*, L*, B, Y	00 or 0	8, 9	S, M,
SK 31	R*, L*, B, Y	00, 0 or 2	10, 11	L, XL,
SK 40	B	2	12	2XL, 3XL
SK 55	B	2		
SK 75	B	2		
SK 100	B	2		
Example:				
SK 11	L	0	9	L
SK11L09L is a clothing kit with a rating of 11 cal/cm ² that contains, Blue Class 0 gloves size 9 and the coat and bib overalls are size large. The appropriate hood, glove bag, leather protectors, hard hat, safety glasses and storage bag are also included.				

*Class 00 Gloves in R or L Only, Class 0 Gloves in R, L, B or Y, Class 2 Gloves in B Only
 Type I Natural Rubber available in: R=Red, Y=Yellow, B=Black
 Type II Salcor® Rubber available in: L=Blue



Arc Flash Sizing Chart

Jackets and Coats		
Chest	Coat	
34-36"	S	
38-40"	M	
42-44"	L	
46-48"	XL	
50-52"	2XL	
54-56"	3XL	
Special Order Sizes		
58-60"	4XL	
62-64"	5XL	
Bib Overalls		
Waist	Overall	Inseam
28-30"	S	28"
32-34"	M	29"
36-38"	L	30"
40-42"	XL	30"
44-46"	2XL	30"
48-50"	3XL	30"
Special Order Sizes		
52-54"	4XL	30"
56-58"	5XL	30"
Coveralls		
Chest	Coverall	Inseam
34-36"	S	28"
38-40"	M	29"
42-44"	L	30"
46-48"	XL	30"
50-52"	2XL	30"
54-56"	3XL	30"
Special Order Sizes		
58-60"	4XL	30"
62-64"	5XL	30"

Quick Reference Product Numbering Chart for Kits without Gloves

cal/cm ² Rating	Size of Garments (choose one below)
SK 11	
SKJ 11	
(SKJ includes jacket and AS1000HAT only.)	
SK 20	S, M,
SK 31	L, XL,
SK 40	2XL, 3XL
SK 55	
SK 75	
SK 100	
Example:	
SK 20	XL
SK20XL is a clothing kit with a rating of 20 cal/cm ² that contains coat and bib overalls size extra large, hard hat, flash hood, safety glasses and storage bag.	

Salisbury PRO-WEAR™ 11 cal/cm² Personal Protective Equipment Kits w/ Jacket

- 11 cal/cm² protection
 - 32" long lightweight comfortable jacket
 - Jacket meets current NFPA 70E standards HRC 2**
 - 9oz./yd² Indura Ultra Soft® FR material
 - Garments sewn with Nomex® thread
 - Excellent breathability & cotton comfort
 - AS1000HAT 10 cal/cm² arc shield w/ hard hat
 - Shield has 8" x 14" green tinted viewing area
 - Salisbury clear lens safety glasses
 - 11", Class 00 or 0 rubber insulating gloves
 - Gloves available in variety of colors and sizes
 - ILP leather protectors in dual sizes
 - Glove storage bag
 - Large storage bag
- **HRC 2 = Hazard Risk Category 2, see last page for details

Product Numbering Chart for 11 cal/cm² PPE Kits w/ Jacket

cal/cm ² Rating	Add Glove Color	Class of Gloves	Size of Gloves (choose one below)	Size of Garments (choose one below)
SKJ 11	R*, L*, B, Y	00 or 0	8, 9, 10 11, 12	S, M, L, XL, 2XL, 3XL
Example:				
SKJ 11	L	0	9	L

SKJ11L09L is a clothing kit with a rating of 11 cal/cm² that contains, Blue Class 0 gloves size 9 and the garment is size large. The appropriate glove bag, leather protectors, hard hat, safety glasses and storage bag are also included.

*Class 00 Gloves in R or L Only, Class 0 Gloves in R, L, B or Y

Type I Natural Rubber available in: R=Red, Y=Yellow, B=Black,
 Type II Salcor® Rubber available in: L=Blue



Salisbury PRO-WEAR™ 11 or 20 cal/cm² Personal Protective Equipment Kits

- 11 or 20 cal/cm² protection
 - 32" long lightweight comfortable coat
 - Coat includes expansion back design
 - Hook & Pile front closure
 - Wristlets made from Nomex® FR material
 - Deluxe cut Bib Overalls w/ suspenders
 - Coat & Bib Overalls meet NFPA 70E standards, HRC 2**
 - 9oz./yd² Indura Ultra Soft® FR material (11cal/cm²)
 - 13oz./yd² Indura Ultra Soft® FR material (20cal/cm²)
 - Garments sewn with Nomex® thread
 - Excellent breathability & cotton comfort
 - Salisbury hard hat
 - PRO-HOOD™ w/ wide arc rated amber lens
 - Salisbury clear lens safety glasses
 - 11", Class 00 or 0 rubber insulating gloves
 - Gloves available in variety of colors and sizes
 - ILP leather protectors in dual sizes
 - Glove storage bag
 - Large storage bag
- **HRC 2 = Hazard Risk Category 2, see last page for details

Product Numbering Chart for 11 or 20 cal/cm² PPE Kits

cal / cm ² Rating	Add Glove Color	Class of Gloves	Size of Gloves (choose one below)	Size of Garments (choose one below)
SK 11	R*, L*	00	8, 9, 10	S, M, L, XL,
SK 20	B, Y	or 0	11, 12	2XL, 3XL
Example:				
SK 20	L	0	10	M

SK20L010M is a clothing kit with a rating of 20 cal/cm² that contains, Blue Class 0 gloves size 10 and the garment is size medium. The appropriate glove bag, leather protectors, hard hat, safety glasses and storage bag are also included.

*Class 00 Gloves in R or L Only, Class 0 Gloves in R, L, B or Y

Type I Natural Rubber available in: R=Red, Y=Yellow, B=Black,
 Type II Salcor® Rubber available in: L=Blue



Salisbury PRO-WEAR™ 31cal/cm² Personal Protective Equipment Kits

- 31cal/cm² protection
- 32" long lightweight comfortable coat
- Coat includes expansion back design
- Dual stage front closure w/ plastic zipper and hook & pile storm front
- Wristlets made from Nomex® FR material
- 2 layer Deluxe cut Bib Overalls w/ suspenders
- Coat & Bib Overalls meet current NFPA 70E standards, HRC 3**
- 2 layer (9oz./yd² & 7oz./yd²) Indura Ultra Soft® FR material
- Garments sewn with Nomex® thread
- Excellent breathability & cotton comfort
- 11", Class 00 or 0, or 14" Class 2 rubber insulating gloves
- Gloves available in variety of colors and sizes
- ILP leather protectors in dual sizes
- Salisbury hard hat
- 2 layer PRO-HOOD™ w/ wide arc rated amber lens
- Salisbury clear lens safety glasses
- Glove storage bag
- Large storage bag

**HRC 3 = Hazard Risk Category 3, see last page for details

Product Numbering Chart for 31 cal/cm² PPE Kits

cal / cm ² Rating	Add Glove Color	Class of Gloves	Size of Gloves (choose one below)	Size of Garments (choose one below)
SK 31	R*, L*, B, Y	00, 0 or 2	8, 9, 10 11, 12	S, M, L, XL, 2XL, 3XL
Example:				
SK 31	L	00	12	S

SK31L0012S is a clothing kit with a rating of 31 cal/cm² that contains, Blue Class 00 gloves size 12 and the garment is size small. The appropriate glove bag, leather protectors, hard hat, safety glasses and storage bag are also included.

*Class 00 Gloves in R or L Only, Class 0 Gloves in R, L, B or Y, Class 2 Gloves in B Only
 Type I Natural Rubber available in: R=Red, Y=Yellow, B=Black
 Type II Salcor® Rubber available in: L=Blue



Salisbury PRO-WEAR™ 40 cal/cm² Personal Protective Equipment Kits

- 40 cal/cm² protection
- 32" long lightweight comfortable coat
- Coat includes expansion back design
- Dual stage front closure w/ plastic zipper and hook & pile storm front
- Wristlets made from Nomex® FR material
- 2 layer Deluxe cut Bib Overalls w/ suspenders
- Coat & Bib Overalls meet NFPA 70E standards, HRC 4**
- 2 layer (9oz./yd² & 13oz./yd²) Indura Ultra Soft® FR material
- Garments sewn with Nomex® thread
- Excellent breathability & cotton comfort
- 14" Class 2 rubber insulating gloves
- Gloves available in variety of sizes
- ILP leather protectors in dual sizes
- Salisbury hard hat
- 2 layer PRO-HOOD™ w/ wide arc rated amber lens
- Salisbury clear lens safety glasses
- Glove storage bag
- Large storage bag

**HRC 4 = Hazard Risk Category 4, see last page for details

Product Numbering Chart for 40 cal/cm² PPE Kits

cal / cm ² Rating	Add Glove Color	Class of Gloves	Size of Gloves (choose one below)	Size of Garments (choose one below)
SK 40	B	2	8, 9, 10 11, 12	S, M, L, XL, 2XL, 3XL
Example:				
SK 40	B	2	9	2XL

SK40B292XL is a clothing kit with a rating of 40 cal/cm² that contains, Black Class 2 gloves size 9 and the garment is size extra extra large. The appropriate glove bag, leather protectors, hard hat, safety glasses and storage bag are also included.

Type I Natural Rubber available in: B=Black



Salisbury PRO-WEAR™ 55 or 75 cal/cm² Personal Protective Equipment Kits

- 55 or 75 cal/cm² protection
- 32" long lightweight comfortable coat
- Coat includes expansion back design
- Dual stage front closure w/ plastic zipper and hook & pile storm front
- Wristlets made from Nomex® FR material
- 2 & 3 layer Deluxe cut Bib Overalls w/ suspenders
- Coat & Bib Overalls meet NFPA 70E standards, HRC 4**
- 2 layer (9oz./yd² & 13oz./yd²) material (55 cal/cm²)
- 3 layer (7oz./yd² & 2 - 13oz./yd²) material (75 cal/cm²)
- Indura Ultra Soft® FR material
- Garments sewn with Nomex® thread
- Excellent breathability & cotton comfort
- 14" Class 2 rubber insulating gloves
- Gloves available in variety of sizes
- ILP leather protectors in dual sizes
- Salisbury hard hat
- 2 or 3 layer PRO-HOOD™ w/ wide arc amber lens
- Salisbury clear lens safety glasses
- Glove storage bag
- Large storage bag

**HRC 4 = Hazard Risk Category 4, see last page for details

Product Numbering Chart for 55 or 75 cal/cm² PPE Kits

cal / cm ² Rating	Add Glove Color	Class of Gloves	Size of Gloves (choose one below)	Size of Garments (choose one below)
SK 55	B	2	8, 9,	S, M,
			10, 11	L, XL,
SK 75			12	2XL, 3XL
Example:				
SK 55	B	2	9	2XL

SK55B292XL is a clothing kit with a rating of 55 cal/cm² that contains, Black Class 2 gloves size 9 and the garment is size extra extra large. The appropriate glove bag, leather protectors, hard hat, safety glasses and storage bag are also included.

Type I Natural Rubber available in: B=Black



INDURA
Ultra Soft

Salisbury PRO-WEAR™ 100 cal/cm² Personal Protective Equipment Kits

- 100 cal/cm² protection
- 32" long lightweight comfortable coat
- Coat includes expansion back design
- Dual stage front closure w/ plastic zipper and hook & pile storm front
- Wristlets made from Nomex® FR material
- 4 layer Deluxe cut Bib Overalls w/ suspenders
- Coat & Bib Overalls meet current NFPA 70E standards, HRC 4**
- 4 layer (2 - 7oz./yd² & 2 - 13oz./yd²) material
- Indura Ultra Soft® FR material
- Garments sewn with Nomex® thread
- Excellent breathability & cotton comfort
- 14" Class 2 rubber insulating gloves
- Gloves available in variety of sizes
- ILP leather protectors in dual sizes
- Salisbury hard hat
- 4 layer PRO-HOOD™ w/ wide arc rated amber lens
- Salisbury clear lens safety glasses
- Glove storage bag
- Large storage bag

**HRC 4 = Hazard Risk Category 4, see last page for details

Product Numbering Chart for 100 cal/cm² PPE Kits

cal / cm ² Rating	Add Glove Color	Class of Gloves	Size of Gloves (choose one below)	Size of Garments (choose one below)
SK 100	B	2	8, 9, 10	S, M, L, XL,
			11, 12	2XL, 3XL
Example:				
SK 100	B	2	9	2XL

SK100B292XL is a clothing kit with a rating of 100 cal/cm² that contains, Black Class 2 gloves size 9 and the garment is size extra extra large. The appropriate glove bag, leather protectors, hard hat, safety glasses and storage bag are also included.

Type I Natural Rubber available in: B=Black



INDURA
Ultra Soft

Salisbury's Rubber Insulating Gloves

Rubber insulating gloves are among the most important articles of personal protection for electrical workers. Combining 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 NFPA 70E standards.

Salisbury insulating gloves are available in sizes 8 through 12, including half sizes. Proper fit is important to minimize chafing and fatigue. 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.

Class 00 are available in red, Type I Natural Rubber and blue, Type II Salcor® ozone resistant rubber. Class 0 gloves are available in red, yellow and black, Type I Natural Rubber and blue Type II Salcor® ozone resistant rubber. Class 2 glove are available in Type I Natural Rubber only. All rubber insulating gloves are extremely flexible and make working with small parts easy. The gloves meet or exceed ASTM D120 and IEC 903 Standards.

Product No. Chart for Insulated Rubber Gloves

Class	Length	Color	Size
E 00	11 or 14	R, BL	8, 8H,
E 0	11 or 14	R, BL, B, Y	9, 9H 10, 10H
E 2	14,16 or 18	B, YB or RB	11, 11H 12

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

Type II Salcor® Rubber available in: BL=Blue

Salisbury's Leather Protector Gloves

Leather Protector Gloves should always be worn over Rubber Insulating Gloves to provide the needed mechanical protection against cuts, abrasions and punctures. **The ILP Series** is manufactured from grain cowhide, pigskin, or goatskin. Cowhide and pigskin cuffs are tough leather on palm side and orange vinyl on the back, while the goatskin cuffs are green leather on palm side and orange vinyl on back. Full complement of styles from low-volt through 16" contour cuff. Comes in dual sizes 8/8.5 through 11/11.5 and 12. Protectors for Class 00 and 0 are available with non-metallic buckle and pull strap or elastic wrist.

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

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

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



Product No. Chart for Leather Protectors

Cat. No.	OAL Length in. (mm)	Weight lbs. (kgs)
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 pigskin, use ILPP or to specify goatskin, use ILPG.
Sizes: 8/8.5, 9/9.5, 10/10.5, 11/11.5, 12

Leather Protector Clearance Table

Glove Class	Min. Distance Between Top of Protectors and Rubber Gloves in.	mm
00, 0	1/2	13
2	2	51

Rubber Insulating Gloves & Protectors Kits

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

Proper storage extends the service life of gloves. Folds and creases strain natural rubber and cause it to cut from ozone prematurely. By storing rubber gloves in the right size bag and never forcing more than one pair into each bag, equipment will lie flat and last longer.

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



GK011BL9



Quick Reference

Product Numbering Chart for Glove Kits

Class	Length (inches)	Color	Size of Gloves (choose one below)
GK 00	11 or 14	R, BL	
GK 0	11 or 14	R, BL, B, Y	8, 9,
GK 2	14, 16, or 18	B, RB	10, 11, 12
Example:			
GK 0	11	BL	9

GK011BL9 is a glove kit with a Blue Class 0 glove 11" long size 9. The appropriate glove bag and ILP 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



GB116

Glove Inflator

Electrical insulating gloves must be inspected before each use. Inspection is simplified by using a portable glove inflator such as the Salisbury G99. 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 hook and pile, or a rubber "O" ring. Inflation is accomplished by pumping the bellows of the inflator.

Product Numbering Chart for Glove Bags

Cat. No.	For Glove length in. (mm)	Dimensions inches (mm)	Weight lbs. (kgs)
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)

Product Numbering Chart for Glove Inflator

Cat. No.	Description	Weight lbs. (kgs)
G99	Glove Inflator Kit	2 (.91)
G99B	Replacement Bag	-
G99R	Replacement "O" Ring	-
G99S	Replacement Strap	-
G99V	Replacement Check Valve	-



G99

Salisbury's ASTM Dielectric Footwear

Salisbury's dielectric boots are 100% waterproof and made from premium grade ozone resistant rubber. The flexible hand-layered construction includes a durable nylon lining for easy donning and doffing. Salisbury Dielectric Footwear conforms with ASTM F1117 and is tested to ASTM F1116 at 20kV. The sole has a durable construction with a non-skid bar tread outsole. The attached buckle and hardware is nonmetallic. Manufactured in the U.S.A.



51509



51508



21405



21406

Cat. No.	Description	Sizes in. (mm)
21405	17", 1 Buckle, Full Cut Overshoe	Whole Sizes 7 - 17
21406	12" 1 Buckle, Full Cut Overshoe	Whole Sizes 7 - 17
51509	2 Buckle	Whole Sizes 7 - 17
51508	Storm Rubber	Whole Sizes 7 - 17

Salisbury's Arc & Flame Resistant Rain Suits

Salisbury's **Arc Resistant PVC Nomex® Rain Suit** and Salisbury's **Arc Resistant PVC Nomex® / Kevlar® Rain Suit** comply with current ASTM F 1891 standards. These jackets include a collar hood, back vent with D-Ring opening, zipper front, two patch pockets with hook and pile flaps and 3M Scotchlite® reflective trim. Both pants include a snap fly front, deluxe suspenders system with quick release hardware and slide adjusters, hook and pile cuff adjusters and 3M Scotchlite® reflective trim. Both types of jackets and pants are available in either yellow or orange. PVC Nomex® / Kevlar® Rain Suit meets Class 3 ANSI/ISEA 107-1999 standards because of the higher visibility striping.

Salisbury's **Arc Resistant PVC Nomex® Economy Rain Suit** complies with current ASTM 1891 and standards. This jacket features a draw string attached hood and snap front. The pants feature adjustable buckle suspenders and snap fly front. Both the jacket and pants are available in either yellow or orange.



KRJ and KRP Rain Pants



ERJ and ERP Rain Pants



NRJ

Cat. No.	Sizes	Description in. (mm)
Nomex® Utility Rain Suit		
NRJ*	Jacket	S, M, L, XL, 2XL, 3XL**
NRP*	Pants	S, M, L, XL, 2XL, 3XL**
Nomex® / Kevlar® Utility Rain Suit		
KRJ*	Jacket	S, M, L, XL, 2XL, 3XL**
KRP*	Pants	S, M, L, XL, 2XL, 3XL**
Nomex® Economy Rain Suit		
ERJ*	Jacket no tape	S, M, L, XL, 2XL, 3XL**
ERP*	Pants-no tape	S, M, L, XL, 2XL, 3XL**

*Add suffix -O for orange or -Y for yellow
**Other sizes are available, contact factory or local Salisbury representative for availability.

Roll Blankets

Salisbury has gone to great lengths to protect workers from lo-voltage electrical hazards by now offering insulating blanket material on a roll. Salisbury's insulating **Roll Blankets**, made from a high strength fabric reinforced Type II rubber, allow workers to custom-cut blankets to fit each application at the job site. This minimizes the number of different lo-voltage blanket sizes and shapes that would otherwise need to be carried from job to job.



RLB1

All classes of Roll Blankets are easy to cut, and flexible to -40°F. Highly puncture and tear resistant, each class of blanket is also flame (self-extinguishing), oil, and ozone resistant. Each comes in a convenient 36" wide roll, 30 feet in length in unique colors making it easy to identify and highly visible in the work area.



RLBPVC1

Cat. No.	Description	Max Use	Dimensions ft. (m)
RLB00	Class 00 Maroon	500 VAC	3' x 30' (.9 x 9)
RLB0	Class 0 Yellow	1000 VAC	3' x 30' (.9 x 9)
RLB1	Class 1 Yellow / Orange	7500 VAC	3' x 30' (.9 x 9)
RLBPVC1	Class 1 Clear PVC	7500 VAC	3' x 30' (.9 x 9)

Clear PVC Roll Blankets

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

Arc Suppression Blanket

The **Arc Suppression Blanket** is used as a barrier for protection from the explosive and incendiary effects of electrical arcs and flashes. These hazardous electrical discharges can be caused by faults in cables, in cable splices and joints, and at transformer terminals, or they may be generated by the operation of switch gear, circuit breakers and lightning arrestors. The blanket can be used for worker protection in underground vaults, switchyards, and other locations where electrical equipment poses a risk of exposure to explosive electrical discharges.



CAUTION

Because of the unpredictability of electrical discharges, the Arc Suppression Blanket may not totally contain arcs and flashes, but only reduce or limit explosive and incendiary effects. In such cases, injuries may still occur, even when the blanket is properly used.

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

Blanket Clamp Pin

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 and have molded rubber tips to increase slip resistance.



21

Cat. No.	Description	Length in. (mm)	Jaw Opening in. (mm)	Weight lbs. (kgs)
21	Nylon w/ pin boots	9.5 (241)	5 (127)	.25 (.11)

External Rod Clampsticks

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

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



Side Opening Hook



9840 Splined Universal Head



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

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

Universal Switch Sticks

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



9969 Prong



9971 Prong

Cat. No.	Dimensions: Dia. x Length		Weight ea.	
	in x ft.	mm x m	lbs.	kgs
4213	1.25 x 4	31.7 x 1.2	2.6	1.2
4214	1.25 x 6	31.7 x 1.8	3.4	1.5
4215	1.25 x 8	31.7 x 2.4	4.1	1.9

Insulated Rescue Hook

Salisbury's Insulated Rescue Hook is an invaluable tool for any workplace. It's used to withdraw an injured worker out of a hazardous area. Confined spaces, in vaults, or just near electrical cabinets and switch gear are some of the places where this tool is a must. Featuring a foam filled, fiberglass reinforced handle for superior electrical insulation and a coated heat treated body hook with an 18" opening. The stick is available in the standard lengths of 6 and 8 feet. Other lengths are available as a special order. Contact us with your requirements.

Cat. No.	Dimensions ft. (m)	Weight lbs. (kgs)
24401	6' (1.8) length	4.5 (2)
24403	8' (2.4) length	5.5 (2.5)



Static Discharge Stick

The Static Discharge Stick is designed to safely remove the static charge after de-energizing. This grounding tool is pre-assembled and includes a brass alloy "U" hook, 4 foot closed cell foam filled tubular fiberglass switch stick made in accordance with ASTM Standard F711. 6 feet of copper grounding cable attached to a Salisbury 1814 flat jaw grade 3 bronze serrated clamp with strain relief.

Cat. No.	Cable Length ft. (m)	Description	Weight lbs. (kgs)
20817	6 (1.8)	Static Discharge Stick 4' (1.2m) length	8 (3.6)

Switchboard Matting

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 rubber, 1/4" (6.4mm) thick and tested to 20kV to comply with ASTM D178, Class 2 specifications. The corrugated surface acts as a safety tread while reducing the possibility of metal particles becoming embedded. Switchboard matting is made in 25 yard rolls which can be custom cut to specified lengths as per customer request.



Maximum Use Voltage: 17,000

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)



Self Testing Voltage Detector Kits

Salisbury's **Self-Testing Voltage Detectors** allow testing to be continuous and automatic. An intermittent flash and beep confirms the detector is functioning properly. **Self-Testing Voltage Detectors** are used to verify live or de-energized conductors. These testers may be used with rubber insulating gloves or hot sticks using the splined universal end fitting. Each tester has a 4.5 volt transistor amplifier with a audio/visual indicator. It is recommended that the tester be moved closer to conductor until warning is indicated, or it touches conductor, apparatus, or elbow test point. Test the unit on a nearby energized conductor. To get verification of proper operation set tester on lowest setting. Each tester includes three alkaline "C" batteries.



Cat. No.	Settings
4556	1-4544 Tester 240V to 230kV, 1-4315 Case, 1-2500 Shotgun Adapter
4667	1-4644 Tester 240V to 500kV, 1-4315 Case, 1-2500 Shotgun Adapter
4769	1-4744 Tester 240V to 69kV, w/ URD Test Point Setting 15, 25,35kV 1-4315 Case, 1-2500 Shotgun Adapter

Ball & Socket System

The **Ball and Socket Grounding System** allows for variable angle accessibility. This system is compact and lightweight. The 21190 Socket Clamp is made from bronze alloy with an integral cable support and strain relief sleeve. This is the ideal grounding system for industrial and substation environments.

Other clamps are available. Please contact your local Salisbury representative for more information.

Cat. No. & Description	ASTM Grade	Continuous Current Rating	Weight ea. lbs. (kgs)
21190 w/ Strain Relief Sleeve	5	400	1.2 (.54)
21277 w/o Strain Relief Sleeve	5	400	1.1 (.5)

Cat. No.	Description	Dimensions in. (mm)	Weight ea. lbs. (kgs)
21191	Ball Stud Short	4.38 (111)	.53 (.23)
21192	Ball Stud Long	6.13 (156)	.81 (.37)
24082	Internal Thread Ball Stud	4 (102)	.54 (.25)
21228	Offset NEMA Pad Short	5.13 x 1.5 (130 x 38)	.84 (.38)
24087	Offset NEMA Pad Long	7 x 1.5 (178 x 38)	1 (.45)
21236	Cover for Ball Stud		.09 (.04)



Salisbury Grounding Configurator™

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



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

Visit whsalisbury.com/configurator to use Salisbury's exclusive Grounding Configurator™.

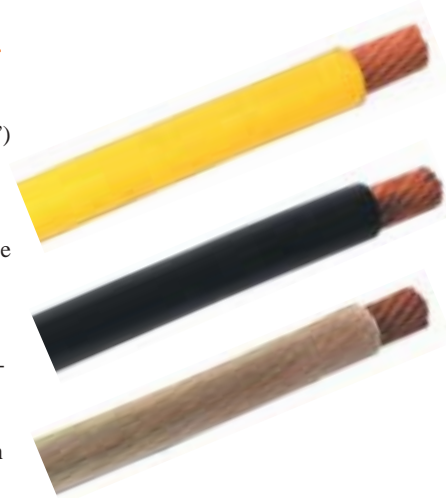
Salisbury Grounding Cables

Grounding Cables are made with extra flexible strand of soft drawn #30 AWG (.01") copper and are available in three different jackets.

The yellow thermoplastic elastomer jacketed cable is the standard for grounding service. It provides a combination of economy, flexibility, and durability. The service temperature ranges from 200° to -50°F. ASTM F 855 Type I.

The black thermoplastic elastomer jacketed cable has a smaller diameter and thinner jacket material giving it better flexibility than the yellow cable. The service temperature ranges from 200° to -50°F. ASTM F 855 Type I.

The transparent flexible thermoplastic (PVC) jacketed cable allows easy inspection for strand breakage. The flexibility decreases with low temperatures. The minimum recommended service temperature is 0°F. ASTM F 855 Type III.



	Cat No.	Size	Strand Dia. in. (mm)	Jacket in. (mm)	Short Circuit Withstand AMPS, RMS, 60Hz		Continuous Current AMPS, RMS, 60Hz	Wt./1000 ft. lbs. (kgs)
					15 Cycles	30 Cycles		
YELLOW	2136	#2-665W	.35 (8.9)	.5 (12.7)	14500	10000	200	282 (127)
	2137	1/0-1064W	.45 (11.4)	.62 (15.7)	21000	15000	250	488 (221)
	2138	2/0-1330W	.49 (12.4)	.65 (16.5)	27000	20000	300	537 (243)
	2139	4/0-2109W	.62 (1.7)	.83 (21.1)	43000	30000	400	836 (379)
BLACK	2636	#2-665W	.35 (8.9)	.47 (12)	14500	10000	200	263 (119)
	2637	1/0-1064W	.45 (11.4)	.58 (14.7)	21000	15000	250	404 (183)
	2638	2/0-1330W	.49 (12.4)	.63 (16)	27000	20000	300	497 (225)
	2649	3/0-1672W	.55 (14)	.72 (18.3)	36000	25000	350	680 (308)
	2639	4/0-2109W	.62 (1.7)	.78 (19.8)	43000	30000	400	770 (349)
CLEAR	2128	#2-665W	.35 (8.9)	.53 (13.5)	14500	10000	200	289 (131)
	2129	1/0-1064W	.45 (11.4)	.64 (16.3)	21000	15000	250	520 (235)
	2133	2/0-1330W	.49 (12.4)	.7 (17.8)	27000	20000	300	546 (247)
	2288	4/0-2109W	.62 (1.7)	.84 (21.3)	43000	30000	400	841 (381)

Salisbury Insulated Tool Kits

Salisbury Insulated Tool Kits are tested to 10,000 VAC for use up to 1,000 VAC. These easy to care for tools come in carrying cases or tool rolls to take from job site to job site. Salisbury Insulated Tool Kits exceed ASTM 1505 standards. The tool kits are offered in a nine piece roll kit, thirty piece kit with case or a sixty piece kit with tool box. Contact your local Salisbury representative for Salisbury Insulated Tools.

- Comply with IEC 900 Standard for Insulated Hand Tools
- Exceeds ASTM 1505 Standards for Insulated Hand Tools
- Meets OSHA 1910.333(c)(2) Requirements
- Meets NFPA 70E 2000 Requirements
- Tested to 10,000 VAC and Rated for 1,000 VAC Live Line Use
- Impact Resistant & Flame Retardant
- Made in U.S.A.



TK9



TK30



TK60

Cat. No.	Description
TK9	BASIC ELECTRICIAN ROLL (9 PCS.), RATED FOR 1000VAC 9" Lineman's Pliers, 7-1/2" Diagonal Cutting Pliers, 7" Needle Nose Pliers, Combination Stripper & Crimper, 3/16" x 4-1/2" Slotted Screwdriver, Cushion Grip, 3/16" x 6" Slotted Screwdriver, Cushion Grip, 1/4" x 6" Slotted Screwdriver, Cushion Grip, #1 x 3" Phillips Screwdriver, Cushion Grip, #2 x 4" Phillips Screwdriver, Cushion Grip
TK30	DELUXE MAINTENANCE TOOL KIT (30 PCS. INCLUDING BOX), RATED FOR 1000VAC 9/64" x 2" Slotted Screwdriver, 3/16" x 4-1/2" Slotted Screwdriver, Cushion Grip, 1/4" x 6" Slotted Screwdriver, Cushion Grip, #1 x 3" Phillips Screwdriver, Cushion Grip, #2 x 4" Phillips Screwdriver, Cushion Grip, 9" Lineman's Pliers, 7-1/2" Diagonal Cutting Pliers, 8" Needle Nose Pliers, 3/8" Drive Reversible Ratchet, 3/8" Drive x 3" Extension, 3/8" Drive x 6" Extension, 8 pcs. 3/8" to 13/16" 3/8" Dr. DW Sockets – 12pt., 8 pcs. 3/8" to 13/16" Box End Wrench Set, 30" – 150" Torque Wrench, Mini Flashlight
TK60	HOT BOX TOOL KIT (61 PCS. INCLUDING BOX), RATED FOR 1000VAC 9/64" x 2" Slotted Screwdriver, 3/16" x 4-1/2" Slotted Screwdriver, Cushion Grip, 3/16" x 6" Slotted Screwdriver, Cushion Grip, 1/4" x 6" Slotted Screwdriver, Cushion Grip, 5/16" x 6" Slotted Screwdriver, Cushion Grip, #2 x 4" Phillips Screwdriver, Cushion Grip, #2 x 8" Phillips Screwdriver, Cushion Grip, 9" Lineman's Pliers, 7-1/2" Diagonal Cutting Pliers, 8" Needle Nose Pliers, 9-1/2" Cable Cutting Pliers, 10" Water Pump Pliers, Combination Stripper/Crimper Pliers, 14 pcs. 1/16" to 1/2" Long Arm Hex Wrench Set, 3/8" Drive Reversible Ratchet, 3/8" Drive x 3" Extension, 3/8" Drive x 6" Extension, 10 pcs. 5/16" to 7/8" Socket Set, 11 pcs. 3/8" to 1" Box End Wrench Set, 3/16" x 6" B/E Nutdriver, Cushion Grip, 1/4" x 6" B/E Nutdriver, Cushion Grip, 5/16" x 6" B/E Nutdriver, Cushion Grip, 11/32" x 6" B/E Nutdriver, Cushion Grip, 3/8" x 6" B/E Nutdriver, Cushion Grip, 7/16" x 6" B/E Nutdriver, Cushion Grip, 1/2" x 6" B/E Nutdriver, Cushion Grip, 30" -150" Torque Wrench

WARNING: Salisbury Insulated Tools are to be used as secondary protection and are not intended to be used in place of other personal protective equipment. Whenever possible, always de-energize lines before working on or around them. Although the insulation on Salisbury Tools is impact resistant and flame retardant, each tool should be inspected prior to each use for cracks, cuts, or other damage. Should the yellow insulation become visible through the orange outer layer, discontinue use immediately.

RUB-OUT™ Hand Cleaner & RUB-OUT™ Towelettes Hand Cleaner

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

Salisbury's RUB-OUT™ Towelettes work fast to loosen, dissolve, and absorb dirt and grease.

Our powerful yet safe cleaning agents work together with an absorbent, nonscratching abrasive cleaning towel. The result is hands that are clean, with a pleasant fragrance. And after cleaning your hands there is enough absorbency to clean your tools and other surfaces with the same towel. These shop size durable towels quickly remove tough-to-clean substances including lubricants, tar, oils, wax, caulk and much more. Put Salisbury degreasing strength to work for you.



1451



1460



1461

Cat. No.	Description	Weight lbs. (kgs)
RUB-OUT™		
1451	16 oz. (.45kg can) 12/pack	16 (7.3)
1452	4.5 lb. (2kg cans) 6/pack	28 (12.7)
1453	Dispenser for 4,5 lb. (2kg) can	1 (.5)
RUB-OUT™ Towelettes		
1460	Tub of 60 towelettes	2.2 (1)
1461	Carton of 100 single towelettes	2.4 (1.1)

TEN-FOUR™ Glove Dust

TEN-FOUR™ Glove Dust is a cooling, frictionless powder that absorbs moisture and perspiration when wearing rubber gloves. The 6-oz. bottle easily fits in a pocket or glove bag. The 4-quart bulk package is used in test labs as a dusting powder.



10-4

Cat. No.	Description	Weight lbs. (kgs)
10-4	12 @ 6 oz. squeeze bottles	5.5 (12)
10-4-4QT	4 qt. bulk, single	8 (19)

Whenever possible, always de-energize lines before working on or around them.

Arc Protection Clothing Requirements

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

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

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

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

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

• To evaluate FR clothing materials in order to measure the heat transferred through the fabric, two values are calculated: arc-thermal performance value (ATPV) and heat attenuation factor (HAF).

• ATPV is the minimum energy causing the predicted onset of second-degree burns.

• HAF is the percentage of total energy of the arc that the fabric prevents from passing through.

• Heavier or layers of FR fabrics give higher ATP values.

Always Perform a Hazard Assessment

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

Clothing selected for a particular application shall have an arc protective rating of (E_{BT} or ATPV) higher than the potential hazard to prevent the onset of 2nd degree burns. In the table to the right are examples of potential energy exposures based on the Duke Heat Flux Calculator on our site (www.whsalisbury.com/calculator/) to compute potential thermal exposure.

Factors Affecting the Extent & Seriousness of Worker Injury when Exposed to Arc Flash

1. Electric arc intensity
 - Fault current
 - System voltage
 - Electrode gap
 - Number of phases involved
 - Open arc configuration or enclosure
2. Electric arc duration
3. Distance of the worker from the electric arc
4. Type and fit of clothing worn
5. Age and health factors

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

Effects of Electrical Shock

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



Salisbury FR Fabrics

• Salisbury uses Westex Indura Ultra Soft® exclusively. Indura Ultra Soft® blend of 88% cotton and 12% high tenacity nylon substantially increase the fabric’s abrasion resistance helping the garment last over 50% longer than 100% cotton garments. Plus the new softer feel further enhances the breathable “all-weather” comfort of cotton. The treatment process for Indura flame resistant fabrics forms a long chain flame retardant polymer impregnated into the core of each cotton fiber. Guaranteed flame resistant for the life of the garment. An excellent value equation. Meets current NFPA 70E and ASTM F1506 standards.

• NOMEX® is a man made fiber resistant to heat, flame and chemicals. NOMEX® and KEVLAR® are registered trademarks of E.I. du Pont de Nemours and Company.

NFPA 70E 2000 Edition
Table 3-3.9.3 Protective Clothing Characteristics
Typical Protective Clothing Systems

Salisbury Clothing Color Code	Hazard Risk Category (HRC)	Clothing Description (Number of clothing layers given in parentheses)	Total Weight oz. / yd ²	Minimum Arc Thermal Performance Exposure Value (ATPV)* or Breakopen Threshold Energy (E_{BT})* Rating of PPE cal / cm ²
Blue	0	Untreated cotton (1)	4.5 - 7	n/a
	1	FR shirt & FR pants (1)	4.5 - 8	5
	2	Cotton underwear plus FR shirt and FR pants (2)	9 - 12	8
Royal Blue	3	Cotton underwear plus FR shirt and FR pants plus FR coverall (3)	16 - 20	25
Gray	4	Cotton underwear plus FR shirt and FR pants plus double layer switching coat and pants (4)	24 - 30	40

*ATPV is defined in the ASTM F1959 standard arc test method for flame resistant (FR) fabrics as the incident energy that would just cause the onset of a second degree burn. E_{BT} is the average of the five highest incident energy exposure values below the Stoll curve where the fabric does not exhibit breakopen. E_{BT} is reported when ATPV cannot be measured due to FR fabric breakopen.

